

ORDINARY MEETING 4 NOVEMBER 2014	5.8
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OPERATIONS DEPARTMENT CAPITAL WORKS PROGRESS REPORT FOR PERIOD JULY-SEPTEMBER 2014

P Hoye- General Manager Operations

RECOMMENDATION:

That Council receive and note the progress of the Capital Works Program for the first quarter of the 2014-2015 financial year.

EXECUTIVE SUMMARY:

Council adopted a capital works budget in excess of eight (8) million dollars for the 2014-2015 financial year. Attachment 1 to this report details the progress of the capital works program for those works with a budget of \$20 000 or more for the period July 1 – September 30, 2014.

Weather conditions have been generally ideal for works to be carried out in the period. There is some delay in the first period following budget adoption for the on ground delivery of works as staff must wait for budget approvals before being able to complete planning and quotations. This does also result in a delay in the receipt of necessary goods. There has also been a significant demand on staff time as a result of the planning and work associated with the National Disaster Relief and Recovery Arrangements work.

Overall, the delivery of the capital works program is on schedule and within budget parameters as at 30 September 2014..

BACKGROUND:

Council adopted a budget for the delivery of capital works in the Shire for the 2014-15 financial year. Attachment 1 gives a summary of the progress of the capital works program for the period 1 July – 30 September, 2014. The attachment is in a “traffic light” format so as to provide a quick oversight of the program where performance/progress is shown as follows:

Performance Indicators  Satisfactory  Marginal  Unsatisfactory

A shaded month column is also provided in the attachment which shows the anticipated start month and the months where work is expected to occur and conclude.

COMMENT:

The capital works program remains on track for delivery within time and budget allocations for the 2014/2015 year. The 1st quarter has seen little weather impact on works and there are no impediments to the delivery of the program at this stage. It is recommended that Council note the contents of this report.

CORPORATE/OPERATIONAL PLAN, POLICY REFERENCE:

Theme 2: Goal 1

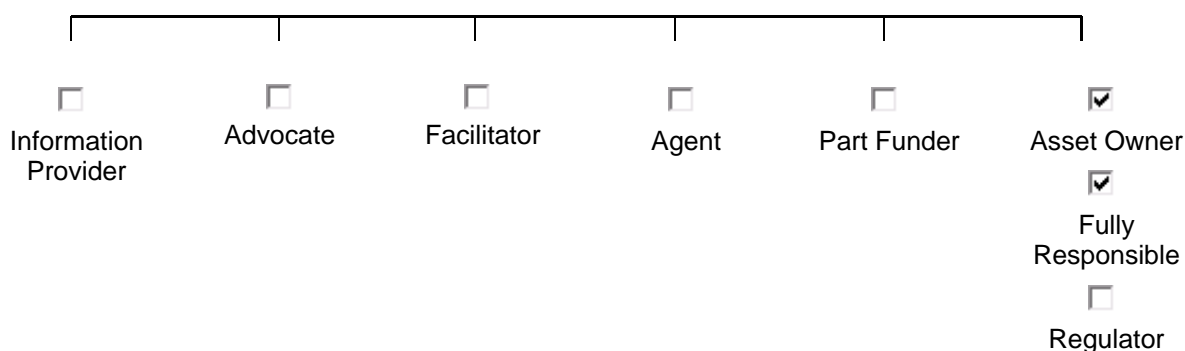
To deliver a sustainable capital works program that generates local opportunities for employment.

To develop a sustainable capital works program

COUNCIL'S ROLE:

Council can play a number of different roles in certain circumstances and it is important to be clear about which role is appropriate for a specific purpose or circumstance. The implementation of actions will be a collective effort and Council's involvement will vary from information only through to full responsibility for delivery.

The following areas outline where Council has a clear responsibility to act:



Asset Owner: Meeting the responsibilities associated with owning or being the custodian of assets such as infrastructure.

Fully Responsible: Funding the full cost of a program or activity.

FINANCIAL/RESOURCE IMPLICATIONS:

Delivery of the capital works program within timeframes and budget is essential to ensuring that Council is financially sustainable and that Council's assets are maintained and developed to meet the needs of communities within Douglas.

RISK MANAGEMENT IMPLICATIONS:

Council must plan and deliver a suitable capital works program to ensure that its assets are able to service the needs of the communities within Douglas Shire. Council has a statutory obligation as a service provider to ensure it is able to provide water and wastewater services to customers. Council's reputation, and the community's amenity would suffer if it is unable to maintain assets and service levels at necessary standards. The consequence of inadequate maintenance and upgrade of capital assets will be increased costs in future.

SUSTAINABILITY IMPLICATIONS:

ECONOMIC: Financial sustainability of the Council would be at risk if capital works programs are not kept within budget, or are not undertaken.

ENVIRONMENTAL: Failing to maintain assets can lead to environmental impacts through the release of materials to the environment outside of licence conditions. Poorly maintained assets can also have impacts on energy and resource use.

SOCIAL: Communities expect assets such as roads, bridges and water/wastewater systems to be safe and maintained to necessary standards.

INTERNAL/EXTERNAL CONSULTATION:

Consultation has been undertaken with the Managers and Coordinators within the Operations Department, and with the Management Team.

ATTACHMENTS:

Attachment A – Photos of Intake at Rex Creek
Attachment B – Capital Works Budget Timeline

Attachment A – INTAKE AT REX CREEK



Attachment B

Status (Traffic Light)	Action	Original budget 2014/15	Expenditure to date (committed)	% Complete	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Comment
	Landscaping of Mossman Streetscape	\$ 100,000.00	\$ -	0%													Yet to commence planning
	DTMR Funding for Landscaping of Captain Cook Hwy & Port Douglas Rd	\$ 100,000.00	\$ -	10%													RFQ's received. Meeting with DTMR completed to review received designs. Meeting with Landscapers to seek reviewed designs, scope and quotes.
	Mossman Administration - Air Conditioner Fans & Insulation	\$ 50,000.00	\$ -	10%													Objective statement complete, works being scoped for quoting. Works to be completed involve fan replacement, insulation replacement.
	Sugar Wharf Building - Develop & Start 5 year Renewal Plan	\$ 50,000.00	\$ -	10%													Objective statement complete, works being scoped for quoting. Works to be completed include roof refurbishment and jetty decking replacement.
	Daintree Ferry Light pole and access ladder - WHS issue	\$ 20,000.00	\$ -	10%													Objective statement complete, works being scoped for quoting. Works to be completed include light pole replacement, new LED lights and access ladder.
	Port Douglas Sports Complex - re surface netball courts	\$ 35,000.00	\$ -	10%													Objective statement complete, works being scoped for quoting. Works to be completed include resurface of courts and fix drainage issue.
	Green Building Facilities Program (Second Year)	\$ 30,000.00	\$ -	33%													Objective statement complete, works being scoped for quoting. Works to be include replacement of Mossman Pool pump with a variable speed pump to save energy.
	Depot Facilities	\$ 25,000.00	\$ -	0%													Works to be clarified so objective statement can be prepared and Job can be scoped for quoting purposes. (Possibly new Generator)
	Depot Asbestos Removal program	\$ 50,000.00	\$ -	5%													Objective statement complete, works being scoped for quoting. Works to include replacement of Eastern side of fleet workshop - removal of all asbestos.
	Port Douglas Waterfront improvements	\$ 50,000.00	\$ 2,984.00	15%													Drainage works being investigated. Seating purchased.
	Garden bed/path upgrade project – Port Douglas Community Hall	\$ 20,000.00	\$ 7,206.00	45%													Improvements at Port Douglas Community Hall
	Daintree Gateway	\$ 287,000.00	\$ 10,305.56	10%													Planning Stage. Prefabricated public toilet block ordered. Landscape designs drafted.
	Fleet - Renewals, Upgrade and New	\$ 443,000.00		15%													Quotation and purchase process ongoing
	Road Reseals and Rehabilitation Program	\$ 1,160,000.00	\$ 802,000.00	100%													Determining final design and costs for Bonnie Doon Road
	Reseal - Syndicate - Whitley to Poletti			100%													Completed.
	Reseal - Syndicate - Poletti to Miallo Bamboo Ck Road			100%													Completed.
	Reseal - South Arm Drive - Vixies to end			100%													Completed.
	Reseal - Finlayvale Road - Santacattarina to Cobavie			100%													Completed.
	Reseal - Finlayvale Road - Cobavie to end			100%													Completed.
	Reseal - Whiteley Road - Syndicate to end			100%													Completed.
	Reseal - Miallo-Bamboo Creek Road - Kingston to Bamboo Ck Road			100%													Completed.
	Asphalt - Jabeva Close - Cul-de-sac			100%													Completed.
	Asphalt - Lloyd Road - Cul-de-sac			100%													Completed.
	Asphalt - O'Callaghan Close - Cul-de-sac			100%													Completed.
	Asphalt - Somerset Drive - Cul-de-sac			100%													Completed.
	Asphalt - Whiteley Road - Cul-de-sac			100%													Completed.
	Asphalt - Blain Street - Pringle St to Wattle St			100%													Completed.
	Asphalt - Coulthard Close, Cul-de-sac			100%													Completed.
	Asphalt - Port Pacific Views section over drainage site			100%													Completed.
	Asphalt - Bow Street/Dan Hart Lane - Front Street to end			100%													Completed.
	Road Rehabilitation - Junction and Shannonvale Roads			100%													Completed
	Woobadda Creek Bridge - Transport Infrastructure Development Scheme (RTA TIDS)	\$ 883,000.00	\$ 287,951.56	33%													Due Date for Practical Completion – contract award was 6th September 2013 with a 16 week construction period making Practical Completion 27th December 2013 (this was not achieved by Cairns Regional Council). New Superintendent contracted by DSC during September 2014 to ensure delivery compliance. NOTE - Construction ceased prior to December 2013 and site immobilisation was during late June 2014 by Cook Shire Council due to monsoonal and cyclonic events. Please note budget amount includes original Council contribution of \$470 000.
	Disaster Mitigation & Resilience - Flood Mitigation (Daintree Flood Gauge Automation, Mowbray Valley & Whyanbeel Causeway Upgrade Projects).	\$ 650,025.00	\$ -	15%													Quotes sought for Mowbray and Whyanbeel Causeway Upgrade Projects. Connolly Road culvert (both NDRRA and Flood resilience funding) to late-September 2014 - From a QRA perspective these are considered to be “complementarity works” and a QRA change management form must be populated and submitted. Commencing Mowbray valley Connolly road causeway Monday 29/10/2014
	Flood Mitigation - Degarra Causeway Project	\$ 858,000.00	\$ -	10%													Sub-agreement signed in September with survey and design work commencing late September
	Cycling/Walking Strategy Implementation	\$ 20,000.00	\$ -	10%													DTMR Priority Cycle Route Improvement Program Guideline Development Survey completed by key contact Paul Hoyer. Road widening at Cooya Beach to enable bike use - LHS toward Cooya, works on Bonnie Doon Road will see the inclusion of a bicycle path approximately one kilometre long on the southern side of this road. Scoping of signage and path improvements from Teamsters Park to Bump Track.
	Bridges/Causeways/Drainage - Diggers Bridge - Major works replacement	\$ 200,000.00	\$ -	5%													Commencing some works 23/10/2014 and the major works on bridge after the wet season. Revisiting works requirements for 2014/2015 due to grant submission.

Bridges/Causeways/Drainage - Santacattarina Road - Concrete floodway	\$ 50,000.00	\$ 27,430.21	100%															awaiting final invoices 100% physical completed
Bridges/Causeways/Drainage - Ironbark Road extension of culverts	\$ 20,000.00	\$ 5,444.59	10%															Culverts on order
Bridges/Causeways/Drainage - Nicole Drive Causeway	\$ 75,000.00	\$ -	0%															
Bridges/Causeways/Drainage - China Camp Replace Fischers Bridge (Timber and Install flood way)	\$ 250,000.00	\$ -	5%															Quotes being sought.
Bridges/Causeways/Drainage - Mahogany Street reline pipes	\$ 55,000.00	\$ -	5%															Pipes being ordered.
Bridges/Causeways/Drainage - Nautilus Street reline pipes	\$ 40,000.00	\$ -	5%															Pipes being ordered.
Bridges/Causeways/Drainage - Sonata Close replace footbridge	\$ 50,000.00	\$ 20,150.00	10%															Bridge components on order
Bridges/Causeways/Drainage - Grant Street replace footbridge	\$ 50,000.00	\$ 25,100.00	10%															Bridge components on order
Bridges/Causeways/Drainage - Wharf Street and Rex Smeal Park drainage	\$ 60,000.00	\$ -	0%															commence April 2015
Footpath Renewal - Front St	\$ 20,000.00	\$ -	0%															Proposed commencement Dec 2014
Footpath Renewal - Davidson St 1	\$ 81,000.00	\$ -	0%															
Footpath Renewal - Connect Old Cooya to Ocean Breeze	\$ 60,000.00	\$ -	0%															
Renewal, Kerb & Channel - Mossman St	\$ 39,000.00	\$ -	0%															
Renewal, Kerb & Channel - Quaid St	\$ 23,000.00	\$ -	0%															
Renewal, Kerb & Channel - Bow St & Dan Hart Lane	\$ 30,000.00	\$ -	0%															
Stabilise earthen bank at Daintree WTP	\$ 10,000.00	\$ -	10%															Work order raised obtaining quotes.
Stabilise Boundary fencing earthen bank at Whyanbeel WTP	\$ 25,000.00	\$ -	10%															Work order raised, obtaining quotes.
Implementation of Gas Chlorine Disinfection. Costing at early stage and a 5 year down payment agreement with supplier for the supply of equipment a possibility. Estimated total cost for consultation, equipment, telemetry, specialised reservoir dosing equipment.	\$ 375,000.00	\$ 3,321.00	10%															Formed Steering Committee with GHD to support Project Management; Design register created; tasks allocated to Steering Committee members.
New sluice valve for PRV scour pit at MWTP	\$ 6,000.00	\$ -	20%															Work order raised, Mark Howarth engaged to complete work.
Refurbish, commission and integrate Mossman Reservoir back on line	\$ 200,000.00	\$ 12,634.00	10%															Work order raised. Sourced contractor for structural pipe work modifications. Obtaining quotes for reservoir cleaning. Welcon engaged for PLC/scada work.
Mossman Intake (Rex Creek) Up-grade new lining in race & concrete repairs (Funding will apply)	\$ 160,000.00	\$ 103,840.00	55%															Project started 9/09/14; Timing critical in terms of levels in Creek and ability of plant to recover if intake is blocked off to install insert; Community requested to use water sparingly in press to assist with installation
Up-grade Mowbray supply scheme: Upgrade 80mm AC water main to 150mm Class 16 PVC Main, length 5klms	\$ 370,000.00	\$ -	0%															Start construction early Oct
Up-grade Syndicate Road: Upgrade 100mm AC water main to 100mm Class 16 PVC Main, length 3.5klms	\$ 220,000.00	\$ 40,765.48	15%															Project started on the 9/09/14 910mtrs of 3.5km laid and backfilled -all materials purchased
Daintree Intake Access track; gravel & drains	\$ 60,000.00	\$ 26,950.13	100%															Completed on the 26/08/14
Land Acquisition	\$ 650,000.00	\$ -	70%															Approved by Council, Negotiated price, Offer formalised, Offer made, contract prepared
Vermeer extraction machine	\$60,000	\$59,565	100%															New vermeer extraction unit delivered on the 9/09/14 -project Completed
Mossman WWTP Oxidation Ditch capacity improvement	\$ 80,000.00	\$ 35,673.00	10%															Work order raised,obtaining quotes.Order raised for grit removal Mossman oxidation ditch
Safety Grates & Lids sewer pump station CL2 ,MC,A,NM -WH&S ongoing	\$ 30,000.00	\$ 27,103.06	80%															Work order raised,obtaining quotes.Order,raised lids being manufactured 4 lids fitted SPS NM,MC,CL2,A
Implementation of process recommendations WWTP PD & Mossman	\$ 50,000.00	\$ 20,238.00	25%															Work order raised,obtaining quotes Order raised for RAS line upgrade Mossman WWTP
Sewer investigation and relining Mossman & Port Douglas	\$ 300,000.00	\$ 152,508.00	50%															Work order raised,obtaining quotes.Order raised,CCTV work has commenced in Mossman
Mossman Aeration System upgrade (surface aerators)	\$ 80,000.00	\$ -	5%															Work order raised,obtaining quotes.Aearator gearbox mounting bracket design from KSB
Upgrade & install pump station overflow chambers (GSI) SPS NM,S1	\$ 30,000.00	\$ -	10%															Work order raised,obtaining quotes.Two quotes obtained order to be raised.
Generators purchase and install at critical pump stations; Port Douglas & Mossman	\$ 100,000.00	\$ 1,800.00	10%															Work order raised,obtaining quotes.Quote to be sent Mon 20.10.14
Belt Press and Gravity Drainage Deck upgrade Port Douglas	\$ 100,000.00	\$ 73,500.00	20%															Work order raised,obtaining quotes.Order raised final design plan will be sent 20.10.14 for approval
Sewer Manhole and pump station Rehabilitation (ultracoat)	\$ 80,000.00	\$ 61,235.00	80%															Work order raised,obtaining quotes.Order raised work has commenced in NM. Work completed
Flow meter installation Port Douglas final effluent, licence requirement	\$ 50,000.00	\$ -	10%															Work order raised,obtaining best installation option with equipment available.
Leachate well upgrades. Pump replacement and gantry installation for continual operation and maintenance requirements. TEP requires continual operation of well pumps.	\$ 50,000.00	\$ -	0%															Commencing in October
Closure of Phase A. Staged capping of Landfill as per TEP SDP	\$ 150,000.00	\$ -	0%															Commencing in October

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