

5.07. NDRRA PROGRESS REPORT #10 - OCTOBER 2015

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DEPARTMENT: Infrastructure Services

RECOMMENDATION

That Council notes the results achieved to date and the future projections contained in the 2014 NDRRA PCG Monthly Report 10 – October 2015.

EXECUTIVE SUMMARY

Monsoonal flooding between 7-9 February 2014 and during Tropical Cyclone Ita on 11-14 April, 2014 caused extensive damage to existing infrastructure within the Shire. This report details progress to date concerning the restoration program under the Natural Disaster Relief and Recovery Arrangements.

Progress to date consists of:

- Total Funding Approved to date: \$23,227,045
- Works complete 75.9%
- Income to date \$10,094,454
- Expenditure to date \$17,267,271
- Expenditure into local economy for month of October \$1,414,000

BACKGROUND

Between 7-9 February 2014 monsoonal flooding occurred within the Douglas Shire and was followed between 11-14 April 2014 by Tropical Cyclone Ita. Both these events caused extensive damage to Council infrastructure, mainly roads, within the Shire.

Council's Management Team set up a Project Control Group to manage the Natural Disaster Relief & Recovery Arrangements (NDRRA) and assist in the mitigation of project delivery risk to Council.

In accordance with the NDRRA requirements, Douglas Shire Council submitted a number of funding applications to restore the damaged infrastructure and Council has been successful in securing substantial funding.

Current funding arrangements for the completion of the restoration for the damaged assets require the completion of all works by June 2016.

The attached report provides an update of the progress to date with the restoration program.

COMMENT

Council has engaged a Project Engineer, Project Finance Officer and a Traffic Management Officer to assist in the management of projects associated with the NDRRA, including the control of finances and acquittal of funding associated with the restoration of essential assets. Council officers continue to work with officers from the Queensland Reconstruction

Authority, consultants, contractors and the community to ensure the successful delivery of all works.

FINANCIAL/RESOURCE IMPLICATIONS

Refer to Attachment 1 - Section 2 for financial implications.

RISK MANAGEMENT IMPLICATIONS

Refer to Attachment 1 – Section 12 for identified risks and mitigation proposals.

SUSTAINABILITY IMPLICATIONS

Economic: The reconstruction of damaged essential public infrastructure is necessary to provide safe and useable transport networks for the movement of goods and services, particularly in rural areas. The adequacy and condition of the road networks also relates to the ability of tourists and tourist operators to access the various areas and communities in the Shire.

Environmental: Reconstruction of landslips, roads and drainage reduces the environmental impacts caused by heavy rain and erosion.

Social: A well maintained and safe road network is vital for ensuring communities are connected and have access to goods, services and community networks.

CORPORATE/OPERATIONAL PLAN, POLICY REFERENCE

This report has been prepared in accordance with the following:

Corporate Plan 2014-2019 Initiatives:

Theme 5 - Governance

5.1.1 - Establish and develop long term financial, resource and infrastructure planning to ensure ongoing capacity to fund operations and capital works programs.

5.1.2 - Implement a robust enterprise risk management culture to identify and manage potential risks.

5.1.3 - Monitor and regularly review procurement practices to ensure legislative compliance and “value for money”.

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.
Part-Funder	Sharing the cost of a program or activity with other organisations.

CONSULTATION

Internal:	NDRRA Project Control Group
External:	Technical Consultants Queensland Reconstruction Authority Transport Industry Tourism Industry Indigenous Corporations Business Industry
Community:	Nil

ATTACHMENTS

Attachment 1	2014 NDRRA PCG Monthly Report #10 – October 2015
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**TROPICAL CYCLONE ITA AND ASSOCIATED RAINFALL
AND FLOODING 11-14 APRIL 2014**

**NDRRA PROJECT CONTROL GROUP
MONTHLY REPORT**

Doc # 762704

MONTH	OCTOBER 2015
REPORT STATUS DATE	REV 1
REPORT PREPARED DATE	4/12/2015
REPORT SEQUENCE NO.	Ten (10)
PREPARED BY	Scott Hahne

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1 GLOSSARY

CDO	Counter Disaster Operations
GST	Goods & Services Tax
NDRRA	Natural Disaster Relief & Recovery Arrangements
QRA	Queensland Reconstruction Authority
REPA	Restoration of Essential Public Assets

2 FINANCIAL SUMMARY

(all excluding GST amounts)

External Funding

Total Claimed to Date:	\$26,488,459	
Total Approved to Date:	\$23,227,045	(not including trigger amount of \$192,732.00)
Total Rejected to Date:	\$3,261,414	
Total Pending Assessment	\$0.00	

Revenue

Total Claimed to Date:	\$16,155,541
Claimed for Month of October:	\$4,791,198
Total Received to Date:	\$10,094,454
Total Outstanding	\$6,061,087
Total Remaining to claim	\$7,071,504

Expenditure

Total Project Management	\$1,901,281.40
Total REPA	\$14,627,885.78
Total Emergent/CDO	<u>\$728,104.42</u>
Total to Date	\$17,257,271.60
Total Commitments outstanding	\$512,641.26

Expenditure for Month of October:	\$5,166,487
Net Current Cashflow	-\$7,162,996

Scope Changes

Schedule Changes	\$7,274,933.17
Non - Schedule Changes	<u>\$16,198.35</u>
Total Changes	\$7,291,131.52

Forecasts

Forecast Final Expenditure	\$22,746,800.36
Forecast Final QRA Funding	\$22,531,736.29
Surplus/Shortfall	-\$215,064.07

Scope Changes:

Non-Scheduled changes to date

QRA Id	DSC Package	DSC Var. Id	Description	Cost \$	QRA Approved Amount \$	Comment
01.14		01	Access to 10 mile & China Camp Rds	5,698.35	-	To be claimed from QRA
03.14	RFT01	01	Final trim to Cape Tribulation Bloomfield Rd	6,500.00		Not Approved by QRA
03.14	RFT01	02	Delay claim assessment – Scott Earthmoving	4,000.00		To be claimed from QRA via contingency
			TOTAL	16,198.35		

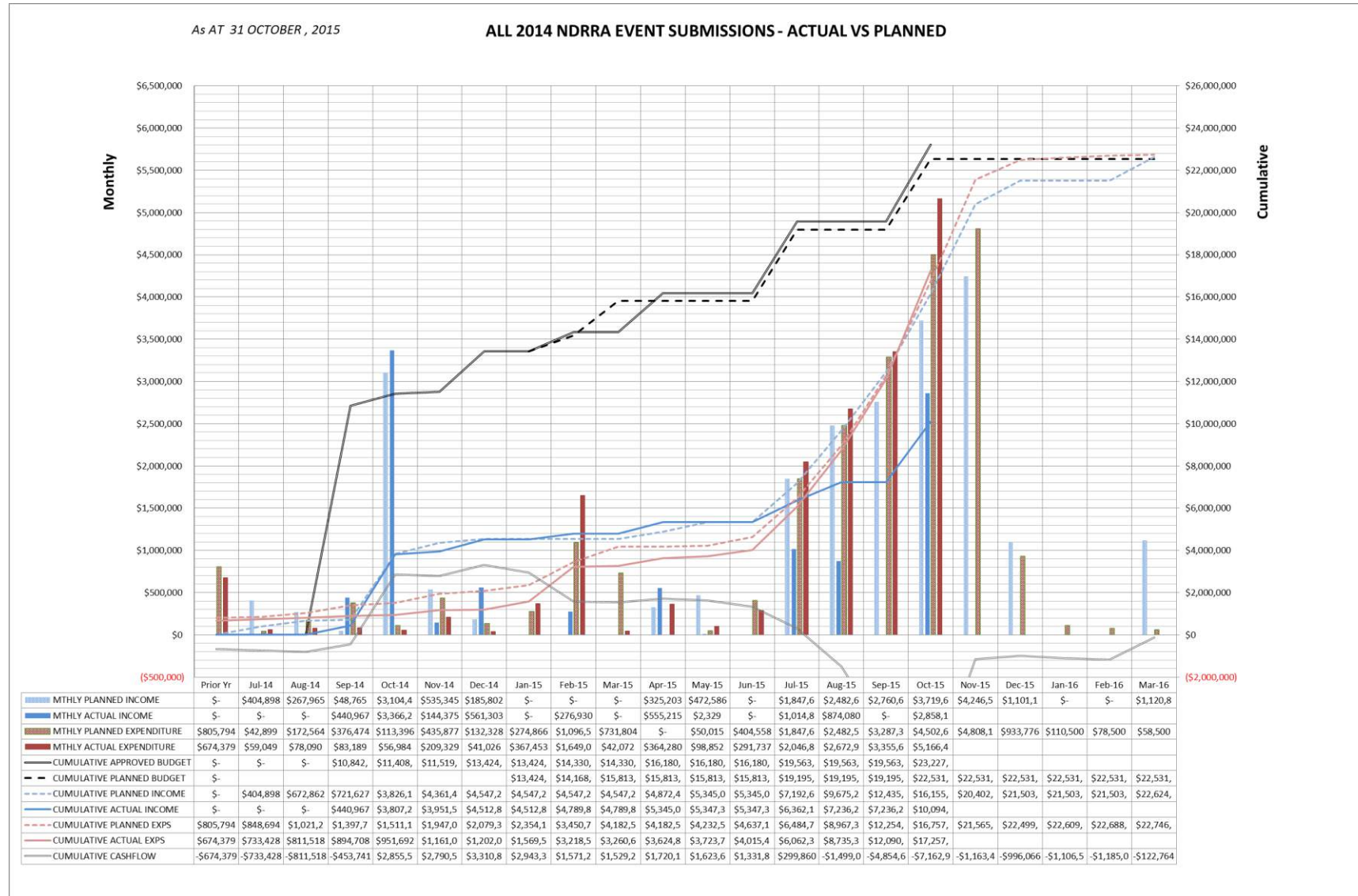
Note: Figures in red are estimates; figures in black are confirmed amounts

Scheduled quantity changes to date

DSC Id	QRA Id	Original Approved Budget \$	Latest Approved Budget \$	Forecast Final Budget \$	Forecast Final Cost \$	Expected Scope Change \$	Expected Scope Change %	Completed to date \$	Completed to date %
Nth Rds	DoSC .01.14	2,161,850.24	7,227,086.33	7,056,767.28	7,147,121.28	4,985,271.04	230.6%	6,670,808.40	93.3%
Sth Rds	DoSC .02.14	5,458,056.22	7,946,972.77	8,026,009.65	8,116,363.65	2,658,307.43	48.7%	4,491,921.58	55.3%
Scott E/M	DoSC .03.14	1,755,339.00	2,661,178.00	1,702,553.06	1,702,553.06	-52,785.94	-3.0%	1,702,553.06	100.0%
DoSC .04.14	DoSC .04.14	36,069.63	36,069.63	36,069.63	48,765.00	12,695.37	35.2%	48,765.00	100.0%
DoSC .05.14	DoSC .05.14	510,110.37	510,110.37	510,110.37	515,811.00	5,700.63	1.1%	515,811.00	100.0%
DoSC .06.14	DoSC .06.14	111,109.38	111,109.38	111,109.38	111,109.38	0.00	0.0%	111,109.38	100.0%
DoSC .07.14	DoSC .07.14	1,549.01	1,549.01	1,549.01	1,549.01	0.00	0.0%	1,549.01	100.0%
DoSC .08.14	DoSC .08.14	1,644.57	1,644.57	1,644.57	2,135.00	490.43	29.8%	2,135.00	100.0%
DoSC .09.14	DoSC .09.14	33,265.39	33,265.39	33,265.39	48,735.03	15,469.64	46.5%	48,735.03	100.0%
DoSC .10.14	DoSC .10.14	52,606.80	52,606.80	23,288.91	23,288.91	-29,317.89	-55.7%	23,288.91	100.0%
not to be done	DoSC .11.14	452,156.18	452,156.18	0.00	0.00	-452,156.18	-100.0%	0.00	0.0%
Landslip	DoSC .14.15	4,356,027.84	3,667,412.70	4,550,111.89	4,550,111.89	194,084.05	4.5%	3,236,566.89	71.1%
DSC	DoSC .15.15	\$ 464,831.75	\$ 464,831.75	409,037.30	409,037.30	-55,794.45	-12.0%	\$ 409,036.61	100.0%
CREB	DoSC .16.15	\$ 61,052.46	\$ 61,052.46	70,219.85	70,219.85	9,167.39	15.0%	\$ 4,991.72	7.1%
TOTAL	TOTAL	15,455,668.84	23,227,045.34	22,531,736.29	22,746,800.36	7,291,131.52	47.2%	17,267,271.60	75.9%

Note: 1. Forecast Final Cost is based on QRA approved budget adjusted for actuals known to date.
 2. Expected Scope Changes is based on actuals known to date

Cashflow



3 PROGRESS DURING PERIOD

(Total % Complete to Date based on construction activities completed)

QRA Identifier	Scoping	QRA Submission	Engage Consultant	Design & Documentation	Request for Tender	Engage Contractor	Clearing	Bulk Excavation	Culverts	Ground Surface Treatment	Resheet	Stabilisation	Sealing	Geotechnical	Other	QRA Finalisation	Federal Acquittals	Comments
DoSC.01.14 – Northern Rds	100	100	100	100	100	100	100	100	100	100	100	75	75	N/A	N/A			
DoSC.02.14 – Southern Rds	100	100	100	100	100	100	97	95	67	100	75	100	80	N/A	N/A			
DoSC.03.14 – Cape Trib Bloomfield rd (part)	100	100	100	100	100	100	100	100	N/A	100	100	N/A	N/A	N/A	N/A	100		
DoSC.014.15 - Landslips	100	100	100	100	100	100	50	50	50					50				
DoSC.15.15 – North of Wujal Rds	100	100	N/A	N/A	N/A	100	100	100	N/A	100	100	N/A	N/A	N/A	N/A	100		
DoSC.16.15 – CREB track	100	100	N/A	N/A	N/A	N/A												
DoSC.11.14 – Not Applicable	100	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100		
DoSC.10.14 - Acquitted	100	100	N/A	N/A	N/A	N/A	100	100	100	100	N/A	N/A	N/A	N/A	N/A	100		

Note: Construction activities % complete refers to number of defects in QRA package completed

4 PROGRAM (TIME AND PROGRESS)

- Original Date for Practical Completion for entire program – 30 June 2016
- Expected Date of Practical Completion for entire program – May 2016
- Expected Date of Practical Completion for major construction – December 2015
 - Note that due to requirements for vegetation replacement at McDowall road landslip by State environmental authorities of which activity to be completed by Council staff, **all** construction activities not now to be completed until May 2016. Major contractors to be completed by December 2015

- Summary of Funding Status
 - Formal approval for North & South roads packages tendered rates versus QRA rates variation received
 - Expected additional funding requests required:
 - Variance between QRA rates and actual rates for \$3.3M variation
 - Landslips likely actual prices versus QRA rates

- Summary of Design & Document Program Status:
 - Agreed final design with relevant environmental authorities for McDowall Road landslip. One of two approvals received.

- Summary of Tendering Program Status:
 - Nil outstanding

- Summary of Construction Program Status:
 - North Roads Package: Expected completion mid November including additional work scope.
 - South Roads Package: Work activities continue throughout Shire. Stabilisation, 75% of gravel resheeting activities complete throughout Shire. Three landslip sites on Upper Daintree Rd completed,

The current works status program is attached at **Appendix A**

5 WORKPLACE HEALTH & SAFETY

- Incidents to report
 - North Roads Package
 - Worker suffering from flu effects required medical assistance
 - South Roads Package
 - Nil to report

- Actions completed
 - Nil to report

6 TRAFFIC MANAGEMENT

- TGS Applications Submitted – Nil

- Reported Incidents – Nil

7 ENVIRONMENTAL

- Query from Wet Tropics Management Authority (WTMA) about the adequacy of environmental controls on Cape Tribulation Bloomfield Road
- Actions completed
 - Compliance with Construction Environmental Management Plan confirmed. Additional sediment control measures installed. WTMA informed.

8 QUALITY ASSURANCE

- Incidents to report
 - Due to inadequate performance of a few roads, audit testing for gravel material compliance ordered with preliminary results indicating non-compliance. Measures to ensure compliance or relaxation of requirements still being investigated.
 - Additional insitu material testing ordered, results pending
- Actions completed
 - Parts of Whyanbeel Rd & all of Assman Rd sections removed and replaced. Performance of Whyanbeel Rd still not satisfactory in parts and further rectification likely to be required.

9 COMMUNITY LIAISON

- A total of 13 NDRRA related communications were received and dealt with in October. 10 were complaints and 3 were requests for information.

Main Topic of Inquiry	Oct
Truck Movements	5
Quality	1
Bloomfield Track	1
Traffic Control	1
Road Damage	2
Banabilla Road	1
Vibrations	1
Access	2
TOTAL	13

Truck movements

- Four of the five communications about trucks movements related to those travelling into and through Daintree Village and one was related to truck movements north of the Daintree River;
- Two referred to the use of exhaust brakes which ceased when the contractor was notified.
- Two related to truck movements before 6am, one from a resident woken by trucks starting up early near Mossman Caravan Park where a few of the truck drivers were staying and another in Daintree Village.

- The fifth was a request to temporarily reduce the speed limit on the Mossman Daintree Road from 80km to 60km per hour from Barratts Creek Bridge. Not a Council asset

Road Damage

- Community members observed some sections of Cape Tribulation Road north of the Daintree River were being damaged by the volume of trucks and similarly, resident at China Camp reported damage to Ten Mile from volume of trucks. Subsequent NDRRA and Council works are ongoing and expected to rectify issues

Access

- Communications relating to making arrangements for tour operators to access areas closed or partially closed for road works.

Others:

- Query as to whether with the work done on Bloomfield Road would now make it suitable for “softer” 4WDs (those without low range). Not Council’s intent.
- Complaint that the gravel re-sheet on Banabilla Rd was picking up on vehicle tyres and making it slippery after rain. No further complaints
- Query regarding the depth of drains on Camelot Close later determined work was still incomplete
- Port Douglas resident rang re vibrations from the plant and equipment which was reduced once contractor notified
- Engagement activities undertaken
 - Email, media, social media, website, notices and handouts advising of upcoming roadworks activities, in particular Noah Creek Bridge Closure

10 LOCAL INDUSTRY PARTICIPATION

During reporting period:

- Local Government Area
 - \$1,414K on accommodation, wages, fuel, material supply & plant hire
- Regional Area
 - \$1,334K on wages, subcontractor and material supply
- Other
 - \$21K on materials & parts

11 QUEENSLAND RECONSTRUCTION AUTHORITY

- Sought & received advice from QRA as to scope eligibility
- Responded to numerous requests for further information pertaining to acquittals
- Hosted two visits from QRA liaison officer;
- Made two variation applications, Wilkinson Rd culvert & Cape Tribulation Road Landscape scope changes after field inspections indicated additional works identified. Decision pending.
- Provided progress report to QRA

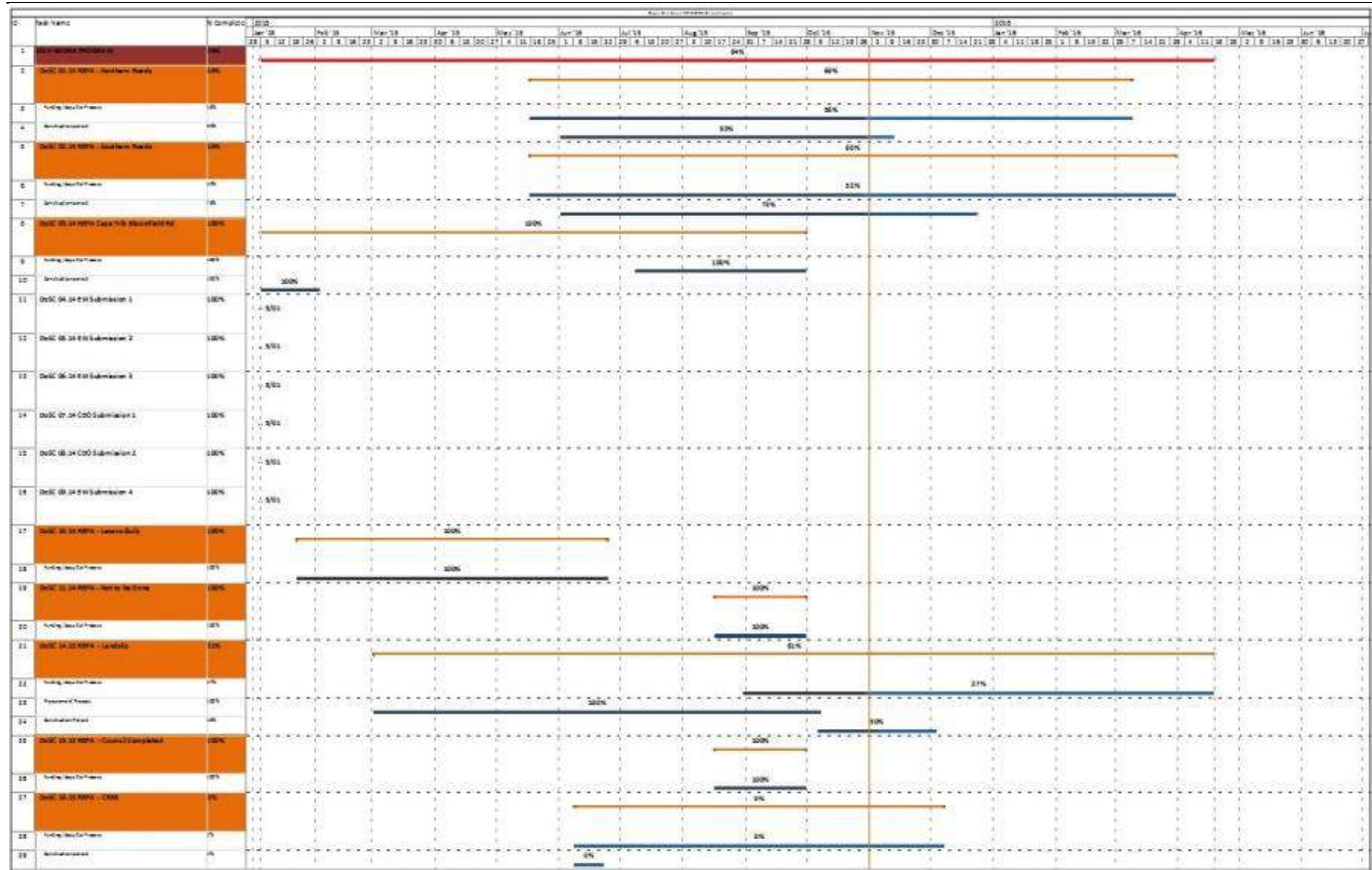
12 PROJECT RISKS & MITIGATION

- Project risk register updated with six risks now closed out and no new risks added

13 GENERAL

- Tropical Cyclone Nathan occurred on 11-21 March 2015 with Douglas Shire Council being activated for QRA funding for this event.
 - Damage assessment for TC Nathan finalised with submission to QRA pending.
 - CDO & Emergent submissions submitted to QRA

APPENDIX A – OVERALL PROGRAM



APPENDIX B – PHOTOS



Completed culvert on Whyanbeel Road



Completed work on landslip #4 Upper Daintree Road



Completed work on landslip #5 Upper Daintree Road