

## 5.08. NDRRA PROGRESS REPORT #11 - NOVEMBER 2015

**REPORT AUTHOR(S):** Scott Hahne, NDRRA Project Engineer  
**GENERAL MANAGER:** Paul Hoye, General Manager Operations  
**DEPARTMENT:** Infrastructure Services

### RECOMMENDATION

**That Council notes the results achieved to date and the future projections contained in the 2014 NDRRA PCG Monthly Report 11 – November 2015.**

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### 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: \$22,533,297
- Works complete 87.3%
- Income to date \$12,058,091
- Expenditure to date \$19,855,871
- Expenditure into local economy for month of November \$610,000

### 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.

In light of enquiries from the community and Councillors concerning recent NDRRA road repair performance issues during the Christmas period, the opportunity to update stakeholders has been taken in this Council report, though it would normally be presented in the December report. A technical explanation will be provided then, but in summary:

1. Concerns about the gravel pavement material sourced from one quarry were raised by the Contractor, Superintendent and Council Officers. This information has been highlighted in previous progress reports.
2. There were unacceptable and acceptable performing roads containing the gravel material in 16 locations. Reworking including adding of additional material was undertaken by the Contractor at its cost on some roads. A wait and see approach was taken for the roads that were performing adequately.
3. Over 750 mm of rain (in some areas over 1000mm) occurred prior to and directly after Christmas.
4. Four of these roads (of which three had performed adequately to this point) became difficult to traverse in 2wd vehicles.
5. Council officers inspected the roads and given the continuing rain, impact of construction vehicles on the roads and the lack of available replacement gravel decided that dry weather was required before removing the unsuitable gravel. This began on 4<sup>th</sup> January by the Contractor.
6. The Contractor has committed to remove and replace all the unsuitable gravel, including on those roads that did not report problems, at its cost. This is expected to take until the end of January 2016, weather permitting.
7. Officers have contacted all known concerned community members to advise of the action proposed and underway, including undertaking site visits and contacting residents during the Christmas/New Year while Council was closed.
8. Detailed advice has been provided to Councillors.

## 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:

<b>Asset-Owner</b>	Meeting the responsibilities associated with owning or being the custodian of assets such as infrastructure.
<b>Part-Funder</b>	Sharing the cost of a program or activity with other organisations.

## CONSULTATION

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

## ATTACHMENTS

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

**NDRRA PROJECT CONTROL GROUP  
MONTHLY REPORT**

**Doc # 764777**

<b>MONTH</b>	NOVEMBER 2015
<b>REPORT STATUS DATE</b>	REV 1
<b>REPORT PREPARED DATE</b>	23/12/2015
<b>REPORT SEQUENCE NO.</b>	Eleven (11)
<b>PREPARED BY</b>	Scott Hahne



## 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:	\$22,533,297	(not including trigger amount of \$192,732.00)
Total Rejected to Date:	\$3,955,162	
Total Pending Assessment:	\$0.00	

**Revenue**

Total Claimed to Date:	\$19,855,871
Claimed for Month of November:	\$3,700,330
Total Received to Date:	\$12,058,091
Total Outstanding	\$7,797,780
Total Remaining to claim	\$2,677,426

**Expenditure**

Total Project Management	\$2,084,792.66
Total REPA	\$17,042,973.98
Total Emergent/CDO	<u>\$728,104.42</u>
Total to Date	\$19,855,871.06
Total Commitments outstanding	\$98,242.76

Expenditure for Month of November:	\$2,612,810
Net Current Cashflow	<b>-\$7,812,168</b>

**Scope Changes**

Schedule Changes	\$7,262,449.35
Non - Schedule Changes	<u>\$16,198.35</u>
Total Changes	\$7,278,647.70

**Forecasts**

Forecast Final Expenditure	\$22,734,316.54
Forecast Final QRA Funding	\$22,495,207.57
Surplus/Shortfall	<b>-\$239,108.97</b>

**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
			<b>TOTAL</b>	<b>16,198.35</b>		

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

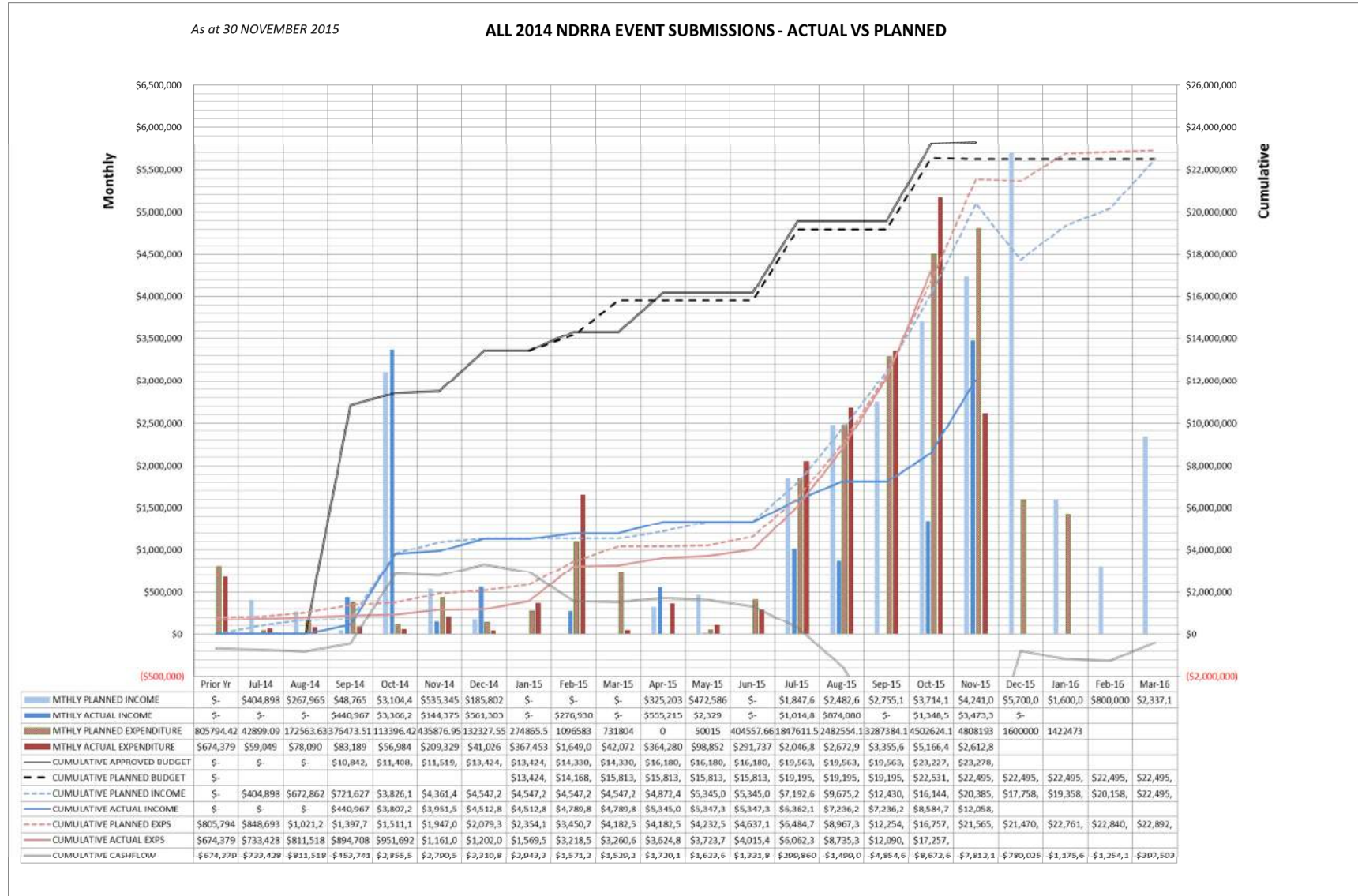


**Scheduled quantity changes to date**

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	7,038,206.61	7,128,561.00	4,966,710.76	229.7%	7,164,274.66	100.5%
Sth Rds	DoSC .02.14	5,458,056.22	7,997,996.52	8,008,041.61	8,098,396.00	2,640,339.78	48.4%	6,061,537.27	74.8%
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	4,574,156.00	218,128.16	5.0%	3,761,526.98	82.2%
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%	\$ 5,549.15	7.9%
<b>TOTAL</b>	<b>TOTAL</b>	<b>15,455,668.84</b>	<b>23,278,069.09</b>	<b>22,495,207.57</b>	<b>22,734,316.54</b>	<b>7,278,647.70</b>	<b>47.1%</b>	<b>19,855,871.06</b>	<b>87.3%</b>

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**





#### 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 – January 2016
  
- Summary of Funding Status
  - Expected additional funding requests required:
    - Minor scope changes to existing contracts –
      - Cape Tribulation Landslip additional area
      - Wilkinson Rd Culvert
      - McDowall Lane landslip environmental changes
    - McDowall Lane landslip additional area
    - Variance between QRA rates and actual rates for \$3.3M variation now to be included in contingency allowance for each package
  
- Summary of Design & Document Program Status:
  - Both environmental authorities approvals received for original McDowall Road landslip.
  - McDowall Lane landslip additional area documentation to proceed once QRA approves funds
  
- Summary of Tendering Program Status:
  - Nil outstanding
  
- Summary of Construction Program Status:
  - North Roads Package: Practical completion for all roads achieved mid November
  - South Roads Package: 17 roads remaining to complete
  - Landslip Package: Stewart Ck works substantially complete

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

#### 5 WORKPLACE HEALTH & SAFETY

- Incidents to report
  - North Roads Package
    - Nil to report
  - South Roads Package
    - Nil to report
  
- Actions completed
  - Nil to report

#### 6 TRAFFIC MANAGEMENT

- TGS Applications Submitted – Nil

- Reported Incidents – Nil

## 7 ENVIRONMENTAL

- Nil to report

## 8 QUALITY ASSURANCE

- Incidents to report
  - Insitu material testing for gravel material compliance results received indicating non-compliance from one quarry source. 16 roads constructed using this quarry source with 14 roads showing some form of non-compliance. Five roads deemed unacceptable in current configuration and to be repaired or gravel material replaced. Remaining roads to have extended defects period to monitor performance over wet season, with opportunity for further rectification if required.

## 9 COMMUNITY LIAISON

- A total of 12 NDRRA related communications were received and dealt with in October. Ten were complaints, one was a request for information and one was “a big thank you to all for the Bloomfield Track”.

### Daintree Village

- Two complaints received about the new surface as in the hot weather tar puddles formed. Contractor arranged for road to be swept and crusher dust applied to soak up any bleeding in the seal.

### Quality

- Complaint from Mossman Gorge Centre related to the material used on the Mossman Water Intake Road which made road slippery. Outcome was it has rained before work was completed.
- Another related to the size of pipe being installed which caller believed was too small to handle the volume of water.
- Tour operator rang to advise Bloomfield Track still slippery.

### Emmagen Creek

- Two communications were related to the work done on Emmagen Creek to restore it to its condition prior to road works. Both were disappointed the work made it impassable for 2WD vehicles.

### Other

- Property owner called about damage to fencing on Upper Daintree Water Intake Road.
- Property owner called about contractor taking fill without permission.
- Property owner not happy with drainage work on Douglas Creek Road concerned the cattle grids would fill with silt.

### Requests

- Resident on Evergreen Road asked whether any further work was scheduled, (which it wasn't) and to report contractors had left a sign behind.

- Engagement activities undertaken
  - Email updates advising of upcoming activity
  - NDRRA Activity Map was been updated with information
  - Main Council Activity Map has been updated with information

**10 LOCAL INDUSTRY PARTICIPATION**

During reporting period:

- Local Government Area
  - \$610K on accommodation, wages, fuel, material supply & plant hire
- Regional Area
  - \$588K on wages, subcontractor and material supply
- Other
  - \$65K on materials & parts

**11 QUEENSLAND RECONSTRUCTION AUTHORITY**

- Responded to numerous requests for further information pertaining to acquittals
- Hosted two visits from QRA liaison officer;
- Provided progress reporting to QRA

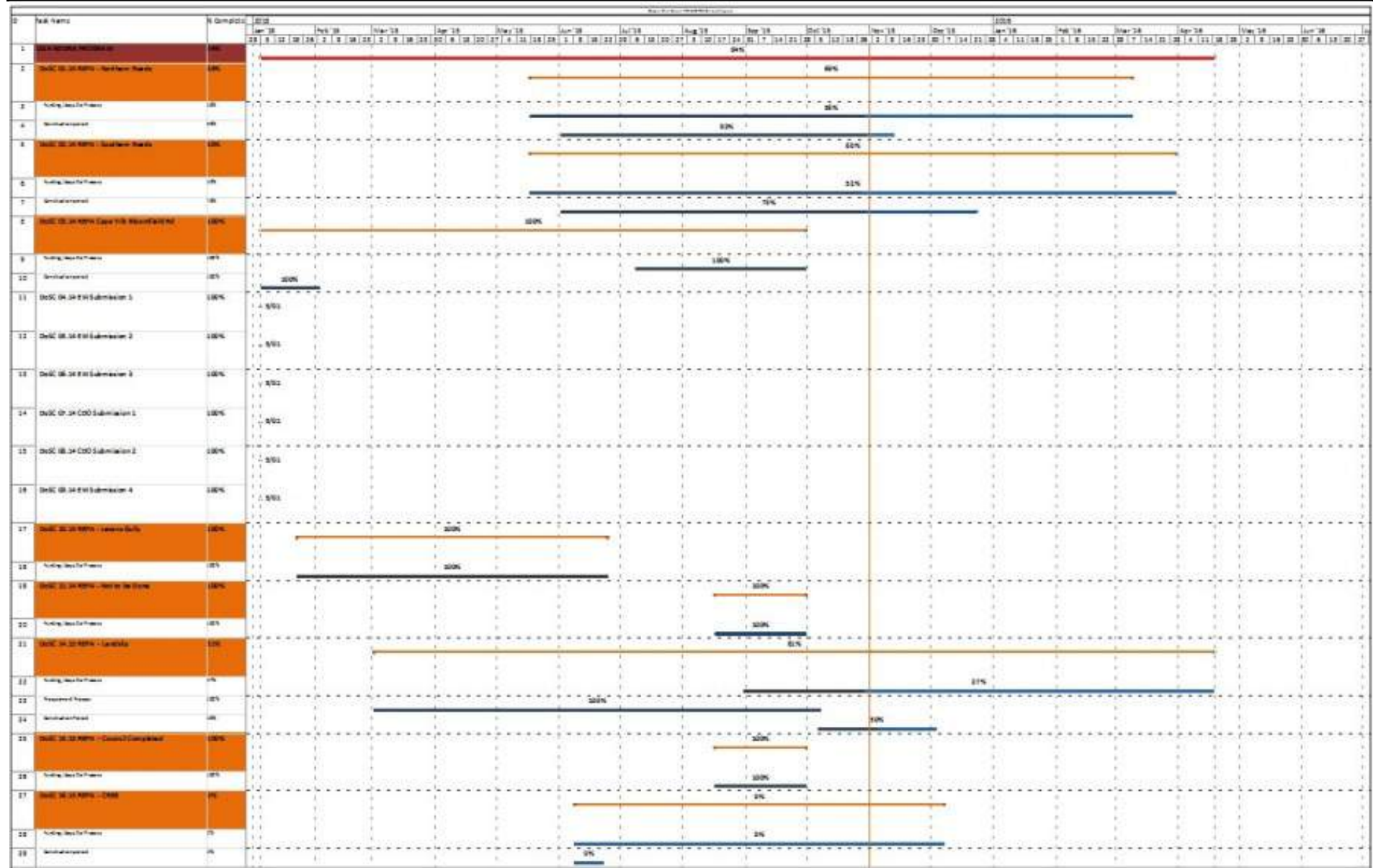
**12 PROJECT RISKS & MITIGATION**

- Nil to report

**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



Asphalt works Noahs Bridge



Asphalt works Cape Tribulation Road – southern bank of ferry.