

5.9. NDRRA PROGRESS REPORT #8 - AUGUST 2015

REPORT AUTHOR(S): Scott Hahne, NDRRA Project Engineer
GENERAL MANAGER: Michael Kriedemann, Acting 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 8 - August 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.

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 #8 - August 2015



**TROPICAL CYCLONE ITA AND ASSOCIATED RAINFALL
AND FLOODING 11-14 APRIL 2014**

NDRRA PROJECT CONTROL GROUP MONTHLY REPORT

Doc # 729867

MONTH	AUGUST 2015
REPORT STATUS DATE	REV 1
REPORT PREPARED DATE	18/09/2015
REPORT SEQUENCE NO.	Eight (8)
PREPARED BY	Scott Hahne

Contents

1	Glossary.....	3
2	Financial Summary	4
3	Progress During Period.....	8
4	Program (Time and Progress).....	9
5	Workplace Health & Safety	9
6	Traffic Management	9
7	Environmental.....	10
8	Quality Assurance.....	10
9	Community Liaison	10
10	Local Industry Participation	11
11	Queensland Reconstruction Authority	11
12	Project Risks & Mitigation	11
13	General.....	11
	APPENDIX A – Overall Program	12
	APPENDIX B – Photos.....	15



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: \$22,312,169
 Total Approved to Date: \$19,563,521 (not including trigger amount of \$192,732.00)
 Total Rejected to Date: \$2,748,648
 Total Pending Assessment: \$0.00

Note \$4.34M to be claimed in September for difference between contract value & QRA budget for two current road tenders

Revenue

Total Claimed to Date: \$6,362,187
 Claimed for Month of August: \$0.00 Note: \$2.427M to be claimed for August expenses
 Total Received to Date: \$6,362,187
 Total Outstanding: \$0.00
 Total Remaining to claim: \$13,201,334

Expenditure

Total Project Management: \$1,272,371.17
 Total REPA: \$6,297,544.66
 Total Emergent/CDO: \$728,104.42
 Total to Date: \$8,298,020.25
 Total Commitments outstanding: \$512,641.26

Expenditure for Month of August: \$2,427,392
 Net Current Cashflow: **-1,135,242**

Scope Changes

Schedule Changes: \$7,340,822.93
 Non - Schedule Changes: \$16,198.35
 Total Changes: \$7,357,021.28

Forecasts

Forecast Final Expenditure: \$22,812,690.12
 Forecast Final QRA Funding: \$22,591,126.26
 Surplus/Shortfall: **-\$221,563.86**



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	RF-T01	01	Final trim to Cape Tribulation Bloomfield Rd	6,500.00		Not Approved by QRA
03.14	RF-T01	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

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 %
DoSC .01.14	2,161,850.24	2,732,073.47	7,377,938.00	7,468,291.72	5,306,441.48	245.5%	2,626,940.00	35.2%
DoSC .02.14	5,458,056.22	8,270,554.75	7,968,842.00	8,059,195.57	2,601,139.35	47.7%	2,546,705.00	31.6%
DoSC .03.14	1,755,339.00	2,661,178.00	1,686,535.00	1,693,035.33	-62,303.67	-3.5%	1,632,703.19	96.4%
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	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	111,109.38	111,109.38	111,109.38	111,109.38	0	0.0%	111,109.38	100.0%
DoSC .07.14	1,549.01	1,549.01	1,549.01	1,549.01	0	0.0%	1,549.01	100.0%
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	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	52,606.80	52,606.80	23,288.91	23,288.80	-29,318.00	-55.7%	23,288.91	100.0%
DoSC .11.14	452,156.18	452,156.18	0.00	0.00	-452,156.18	-100.0%	0.00	0.0%
DoSC .14.15	4,356,027.84	4,356,027.84	4,246,457.00	4,246,457.28	-109,570.56	-2.5%	370,672.31	8.7%
DoSC .15.15	\$ 464,831.75	\$ 464,831.75	543,812.00	543,812.00	\$ 78,980.25	17.0%	\$ 365,644.56	67.2%
DoSC .16.15	\$ 61,052.46	\$ 61,052.46	50,505.00	50,505.00	-10,547.46	-17.3%	\$ 3,961.86	7.8%
TOTAL	15,455,668.84	19,744,229.60	22,591,126.26	22,812,690.12	7,357,021.28	47.60%	8,298,020.25	36.4%

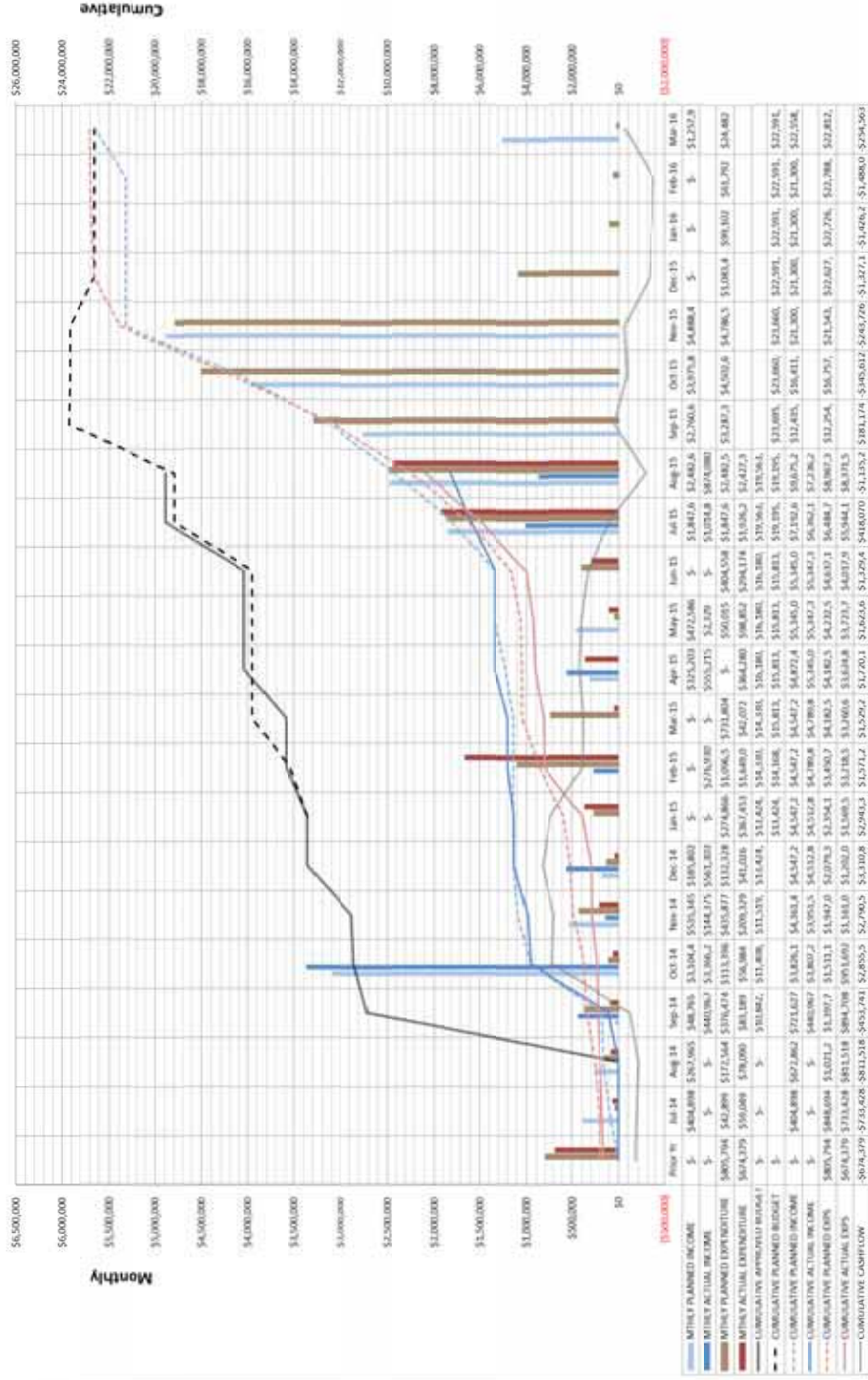
Note: 1. Forecast Final Cost is based on QRA approved budget adjusted for actuals known to date.
 2. Expected Scope Changes is based on actuals known to date



Cashflow

ALL 2014 NDRRA EVENT SUBMISSIONS - ACTUAL VS PLANNED

As At 31 August 2015



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	70	50	0	40	45	0	0	N/A	N/A			
DoSC.02.14 – Southern Rds	100	100	100	100	100	100	80	60	0	70	50	0	10	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	25		
DoSC.014.15 - Landslips	100	100	100	95	67	67												
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	25		
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			
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 – March 2016
- Expected Date of Practical Completion for construction – November 2015

- Summary of Funding Status
 - North & South roads packages tendered rates versus QRA rates variation submitted to QRA for approval. Liaison between parties ongoing.
 - 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:
 - Ongoing environmental coordination with relevant authorities to receive approvals. Sites along Daintree River are considered high value and in some instances may require adjusted design or construction methodologies.

- Summary of Tendering Program Status:
 - Landslip package – McDowall Lane & Stewart Creek Rd sites put to tender on 24 August with close scheduled for 15 September 2015

- Summary of Construction Program Status:
 - North Roads Package: Work activities on Cape Tribulation Bloomfield Rd commenced, majority of other work sites commenced or completed.
 - South Roads Package: Work activities commenced throughout Shire. Unsealed roads construction significantly complete except for Upper Daintree Road. Asphalt & bitumen sealing activities throughout Shire.

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 to report

- Reported Incidents – As indicated in Community Liaison

7 ENVIRONMENTAL

- Nil incidents to report
- Actions completed
 - Nil to report

8 QUALITY ASSURANCE

- Incidents to report
 - Nil to report
- Actions completed
 - Nil to report

9 COMMUNITY LIAISON

- A total of 11 NDRRA related communications were received and dealt with in August.

- Half related to Truck Movements and safety issues included:
 - Crossing double lines in the vicinity of Alexandra Range
 - Moving on to the wrong side of the road when turning to enter stock pile area
 - Traveling with loads uncovered loads

The remaining two were about:

- Cape Tribulation Road undulating as the heavy trucks went passed
- One truck parked inappropriately overnight in Mossman

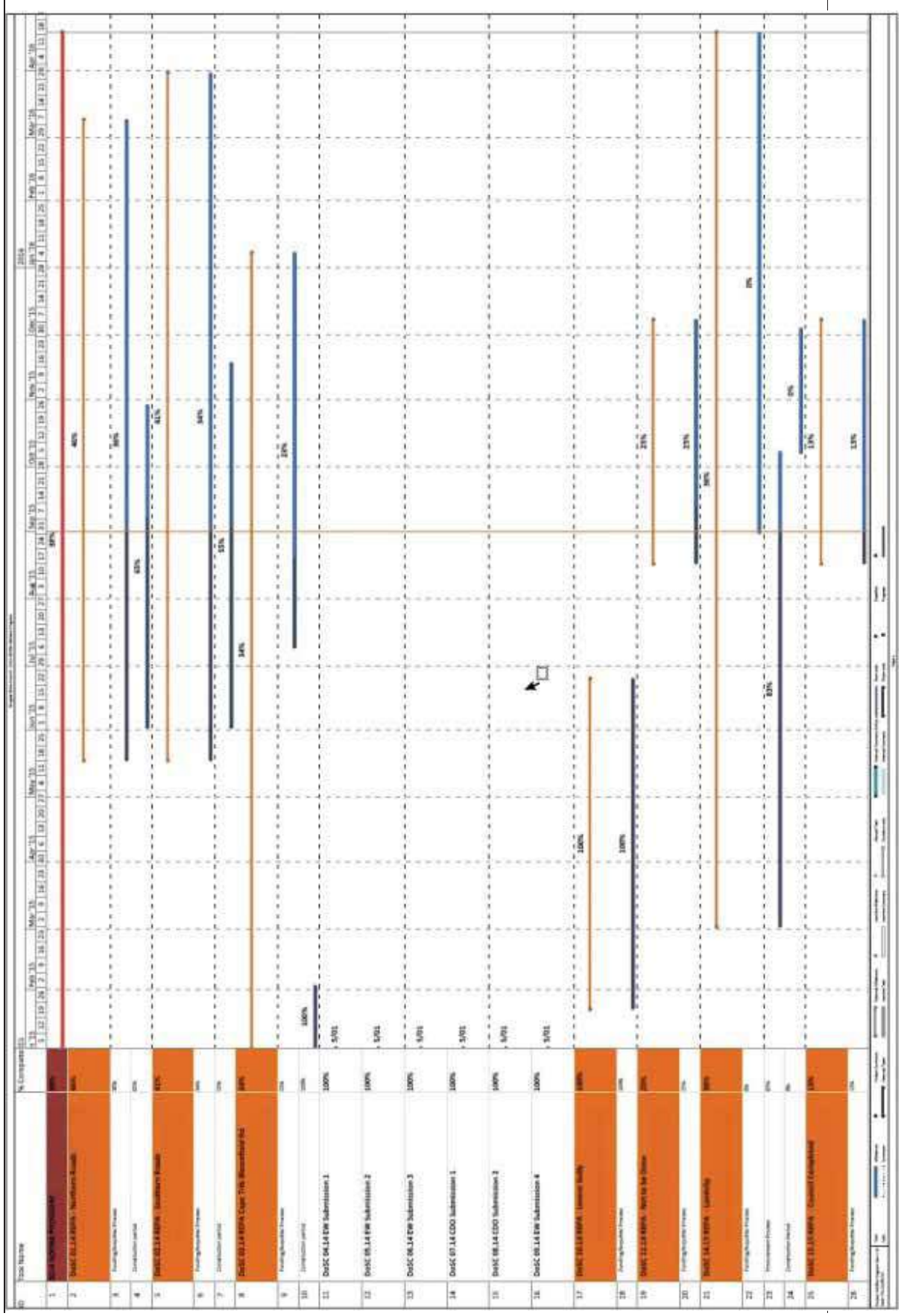
- Remaining five calls related to:
 - Location of culverts on Whyanbeel Rd
 - Clay content on Cape Kimberley Road (2)
 - Query as to why Indriess Close not being graded
 - Issues with road works on Rasmussen Rd
 - Query as to status of sealing of Rykers Rd

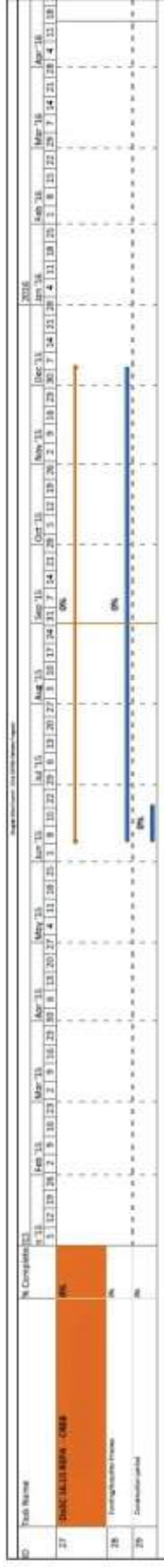
- Engagement activities undertaken
 - NDRRA Activity Map updated with information from both contractors.
 - Email update sent out to stakeholders 12.8.2015
 - Information on repair costs for Mossman Gorge Road and Noah Creek Bridge provided to QRA media department

- Actions Completed

Nil to report

APPENDIX A – OVERALL PROGRAM





APPENDIX B – PHOTOS



Cape Tribulation Bloomfield Road approx. Ch 13.0 Gravel resheet completed