

Megan L Miles

From: Dez G Hehir
Sent: Wednesday, 20 July 2022 11:28 AM
To: Traffic Signal Controller Group Requests
Cc: NC Network Optimisation; Daniel J McKeown
Subject: NCR - M7263 Kawana & Doherty
Attachments: 7263_B_TRAFF.zip

Hi TSCGR Team,

Could you please assist with a signal personality issue at M7263 Kawana & Doherty?

The controller goes to flash when a ped 1 demand is received in B Phase yellow transition to A Phase and it can't close down SG5 for ped protection due to the green overlap.

Existing personality attached.

Please advise if you require job number for the correction?

Released under RTI - DTMR

File Help View



Intersection: 7263 - Kawana & Doherty

Operational State: OK

Operations Status Timesettings Lamps Fault Log Comms History

Report Type

Operations Log Report

Report Duration:

Start Date/Time:

1/07/2022 11:32:00 AM

End Date/Time:

1/07/2022 11:37:00 AM

<< Prev 5 Next 5 >>

Auto-Refresh on

Operations Log View:

Textual

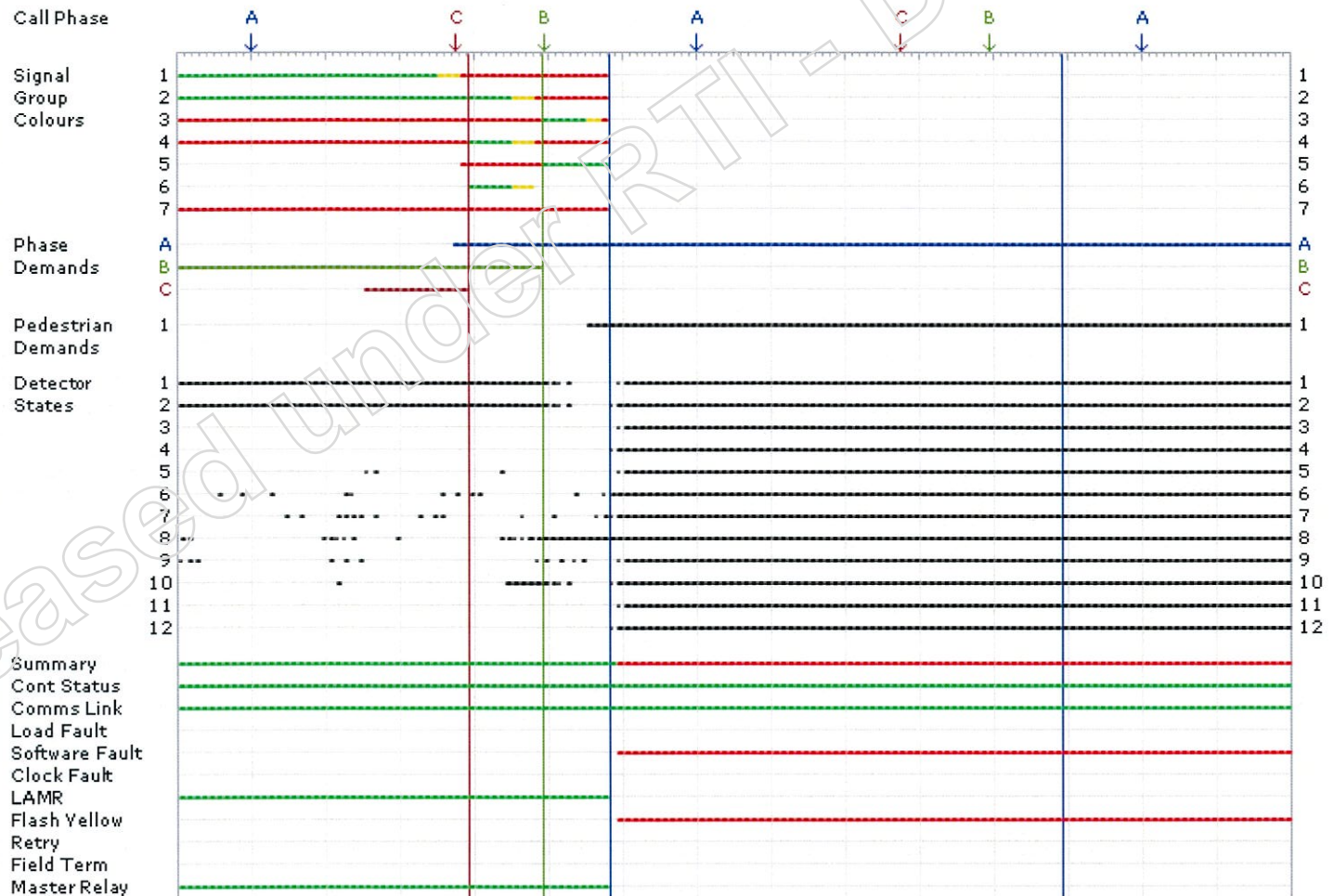
Graphical

Report

Intersection: 7263 - Kawana & Doherty
Plan: 7263 - Plan(85) - Bi Dir High Day 120

Report Time: 1/07/2022 11:32 AM

Cycle: 120 secs Mode: Coordinated



Kind regards,

Dez Hehir
Senior Advisor | North Coast Region
Program Delivery and Operations | Infrastructure Management and Delivery Division
Department of Transport and Main Roads

P: 07 5475 2881 | M: NR
Floor 2 | 21 Carnaby Street | Maroochydore Qld 4558
PO Box 1600 | Maroochydore Qld 4558
dez.g.hehir@tmr.qld.gov.au
www.tmr.qld.gov.au



Released under RTI - DTMR

Megan L Miles

From: Rick M McGuire
Sent: Thursday, 28 July 2022 8:38 AM
To: NC Network Optimisation
Subject: RE: NCR - M7263 Kawana & Doherty

FYI this occurred again this morning. I'm about to go test the fixed version.

Released under RTI - DTMR

File Help View



Intersection: 7263 - Kawana & Doherty

Operational State: **Failed**

Operations Status Timesettings Lamps Fault Log Comms History

No	Type	Time	Code	Occ	Phase	Interval	Link Mode	Last Ph	Next Ph
11	Error	28/07/2022 7:25 AM	465	2	A	Late Start	Master	B	-
12	Fault	28/07/2022 7:25 AM	105	1	A	Late Start	Master	B	-
8	Error	26/07/2022 10:22 AM	461	1	A	Min Green	Master	B	-
9	Error	26/07/2022 10:22 AM	466	2	A	Rest	Master	B	B
10	Error	26/07/2022 10:22 AM	461	1	A	Rest	Master	B	B
6	Error	26/07/2022 9:46 AM	493	1	A	Late Start	Master	B	-
7	Error	26/07/2022 9:46 AM	466	2	A	Late Start	Master	-	-
5	Fault	26/07/2022 8:34 AM	105	1	A	Late Start	Master	B	-
4	Error	11/07/2022 8:54 PM	461	1	A	Rest	Master	B	-
1	Error	1/12/2021 6:32 AM	97	1	D	All Red	Flexi	B	B
2	Error	1/12/2021 6:32 AM	341	1	D	All Red	Flexi	B	B
3	Error	30/11/2021 12:00 AM	96	1	D	All Red	Flexi	B	B

Fault Data Decode

Entry Number: **12**

Type: **Fault**

Time Logged: 28/07/2022 7:25 AM

Fault Code: 105

Occurrences: 1

Description: **Green=>Red: SG 5**

Phase: A

Interval: **Late Start**

Link Mode: Master

Last Phase: B

Next Phase: No Phase

Additional

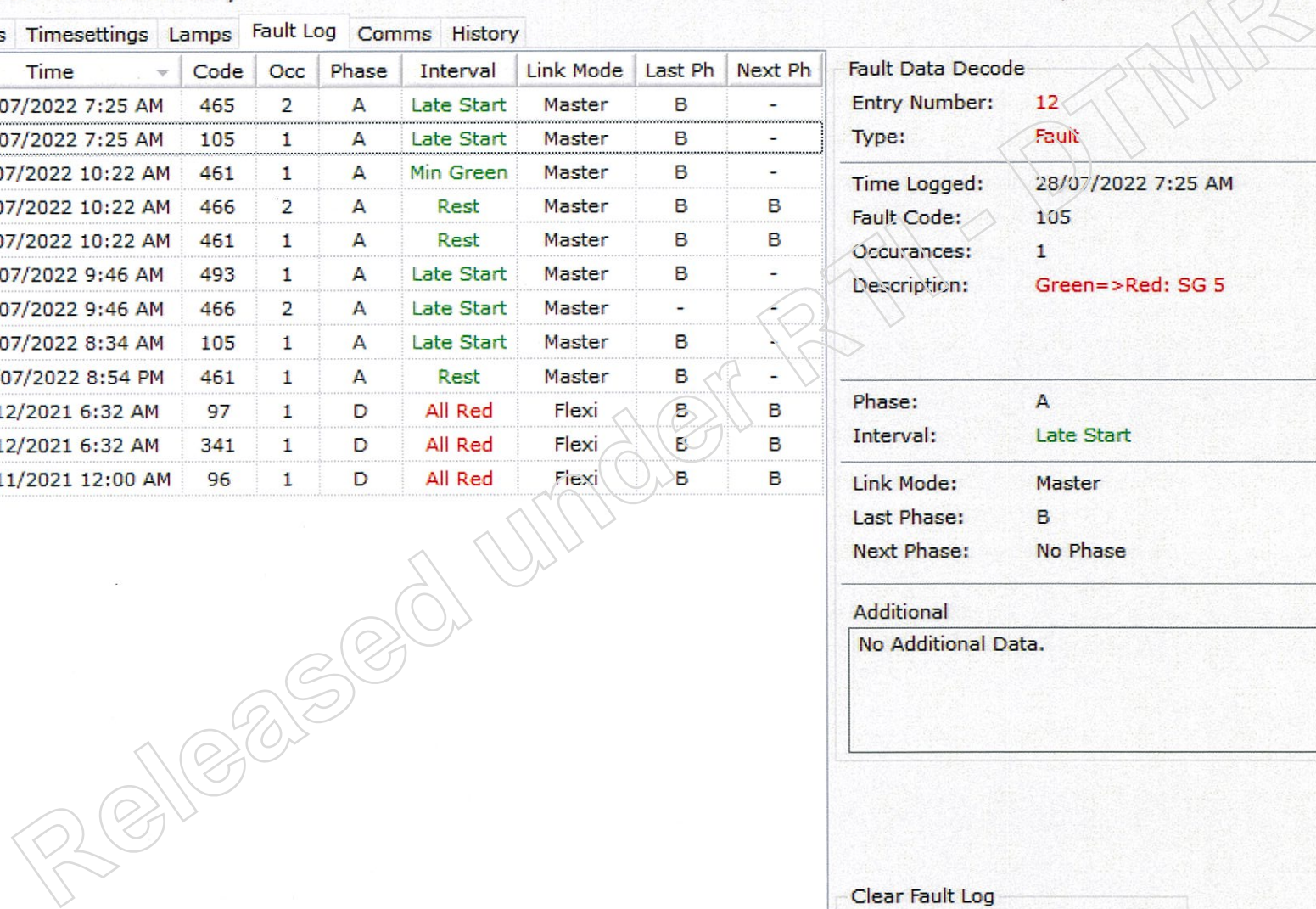
No Additional Data.

Clear Fault Log

Clear Errors

Clear

Clear Faults



Released under RTI - DTMR



Intersection: 7263 - Kawana & Doherty

Operational State: **Failed**

Operations Status Timesettings Lamps Fault Log Comms History

Report Type

Operations Log Report

Report Duration:

Start Date/Time:

28/07/2022 7:22:00 AM

End Date/Time:

28/07/2022 7:27:00 AM

<< Prev 5 Next 5 >>

Auto-Refresh on

Operations Log View:

Textual

Graphical

Report

Intersection: 7263 - Kawana & Doherty
Plan: 7263 - Plan(19) - NB Heavy 130 AM Peak

Report Time: 28/07/2022 7:22 AM

Cycle: 130 secs Mode: Coordinated

Call Phase

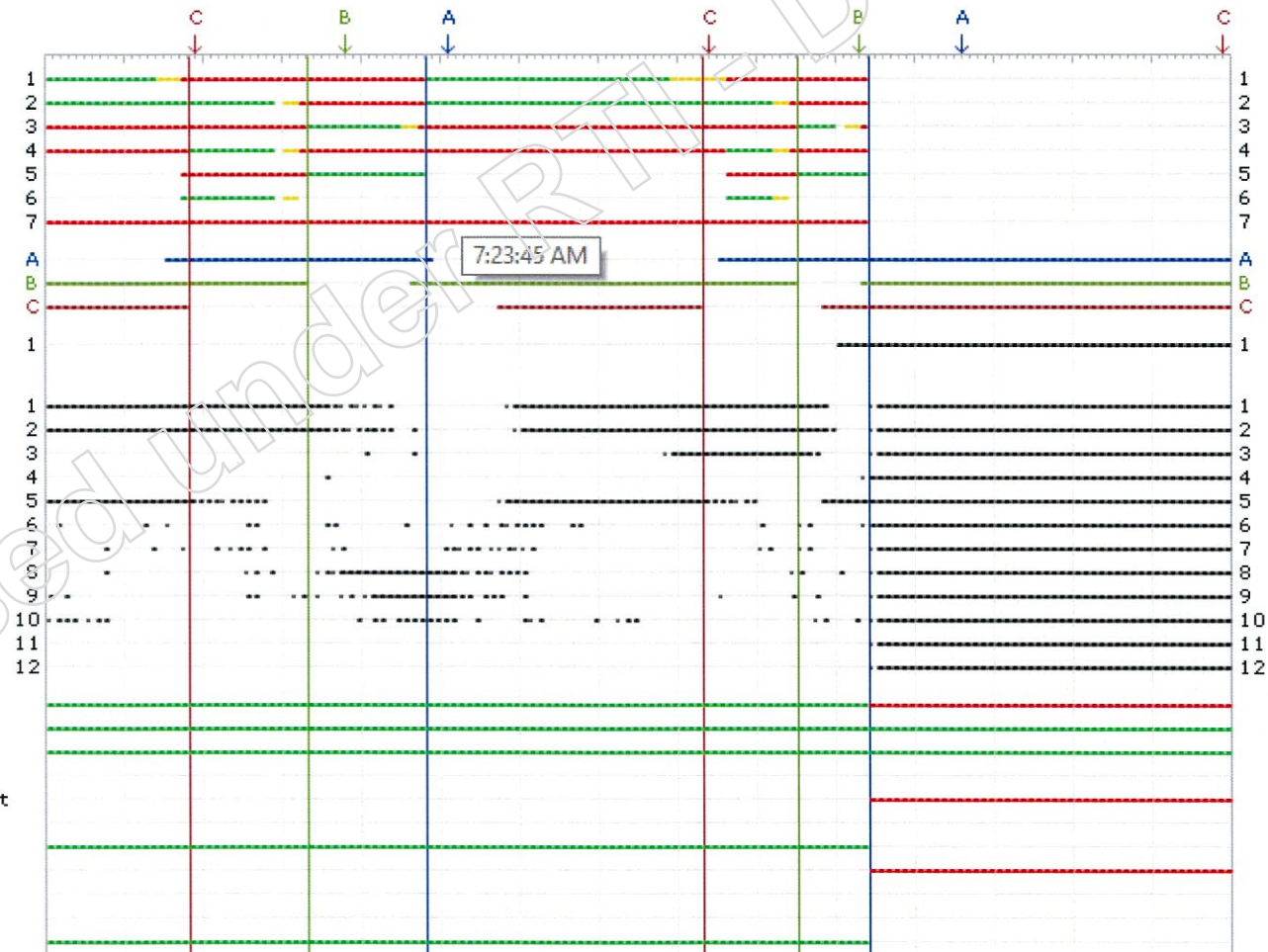
Signal Group Colours

Phase Demands

Pedestrian Demands

Detector States

Summary
Cont Status
Comms Link
Load Fault
Software Fault
Clock Fault
LAMR
Flash Yellow
Retry
Field Term
Master Relay



--

Kind Regards,

Rick McGuire

Senior Engineer (Network Optimisation – Operations) | North Coast Region
Program Delivery And Operations Branch | Infrastructure Management & Delivery Division
Department of Transport and Main Roads

P: 07 3066 0967
Floor 2 | 21 Camaby Street | Maroochydore Qld 4558
PO Box 1600 | Maroochydore Qld 4558
rick.m.mcguire@tmr.qld.gov.au
www.tmr.qld.gov.au

From: Traffic Signal Controller Group Requests <Traffic_Signal_Controller_Group_Requests@tmr.qld.gov.au>
Sent: Thursday, 21 July 2022 2:58 PM
To: Dez G Hehir <Dez.G.HEHIR@tmr.qld.gov.au>
Cc: NC Network Optimisation <NCD_Network_Optimisation@tmr.qld.gov.au>; Daniel J McKeown <daniel.j.mckeown@tmr.qld.gov.au>; Traffic Signal Controller Group Requests <Traffic_Signal_Controller_Group_Requests@tmr.qld.gov.au>
Subject: RE: NCR - M7263 Kawana & Doherty

Hi Dez,

Please find attached personality with the issue resolved.

Kind regards,

Personality Programming Team
[Traffic Signal Controller Group Requests@tmr.qld.gov.au](mailto:Traffic_Signal_Controller_Group_Requests@tmr.qld.gov.au)

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Sent: Wednesday, 20 July 2022 11:59 AM
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Cc: NC Network Optimisation <NCD_Network_Optimisation@tmr.qld.gov.au>; Daniel J McKeown <daniel.j.mckeown@tmr.qld.gov.au>; Traffic Signal Controller Group Requests <Traffic_Signal_Controller_Group_Requests@tmr.qld.gov.au>
Subject: RE: NCR - M7263 Kawana & Doherty

Sure Dez, we can look into that.

Yes a job number would be good thanks.

Kind regards,

Matthew Coombes

A/Principal Advisor | (Traffic Systems)

Operational Service Delivery | State-wide | Electrical | RoadTek | Department of Transport and Main Roads

Floor 06 | 313 Adelaide Street | Brisbane Qld 4000

P: (07) 3066 5462 | M: ^{NR}

E: matthew.c.coombes@tmr.qld.gov.au

W: www.tmr.qld.gov.au

From: Dez G Hehir <Dez.G.HEHIR@tmr.qld.gov.au>

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Cc: NC Network Optimisation <NCD_Network_Optimisation@tmr.qld.gov.au>; Daniel J McKeown <daniel.j.mckeown@tmr.qld.gov.au>

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Existing personality attached.

Please advise if you require job number for the correction?



Intersection: 7263 - Kawana & Doherty

Operational State: OK

Operations Status Timesettings Lamps Fault Log Comms History

Report Type

Operations Log Report

Report Duration:

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1/07/2022 11:32:00 AM

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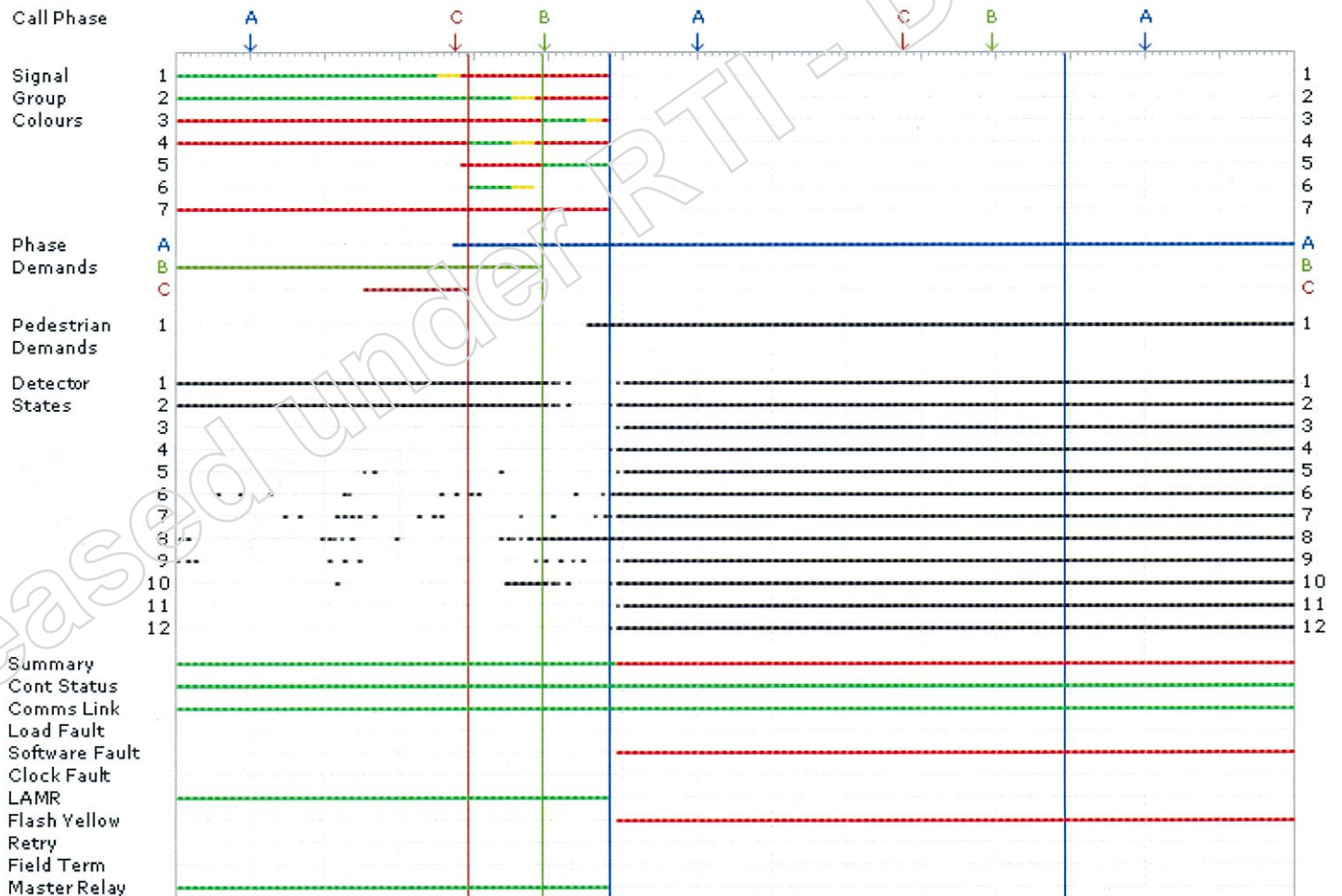
Operations Log View:

- Textual
- Graphical

Report

Intersection: 7263 - Kawana & Doherty
Plan: 7263 - Plan(85) - Bi Dir High Day 120

Report Time: 1/07/2022 11:32 AM
Cycle: 120 secs Mode: Coordinated



Kind regards,

Dez Hehir

Senior Advisor | North Coast Region
Program Delivery and Operations | Infrastructure Management and Delivery Division
Department of Transport and Main Roads

P: 07 5475 2881 | M: ^{NR}
Floor 2 | 21 Carnaby Street | Maroochydore Qld 4558
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Cc: NC Network Optimisation; Daniel J McKeown; Traffic Signal Controller Group Requests
Subject: RE: NCR - M7263 Kawana & Doherty
Attachments: 7263_C.zip; M7263_B TSC Config Certificate.pdf

Hi Dez,

Please find attached personality with the issue resolved.

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Yes a job number would be good thanks.

Kind regards,

Matthew Coombes
A/Principal Advisor | (Traffic Systems)
Operational Service Delivery | State-wide | Electrical | RoadTek | Department of Transport and Main Roads

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Intersection: 7263 - Kawana & Doherty

Operational State: OK

Operations Status Timesettings Lamps Fault Log Comms History

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Start Date/Time:

1/07/2022 11:32:00 AM

End Date/Time:

1/07/2022 11:37:00 AM

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Auto-Refresh on

Operations Log View:

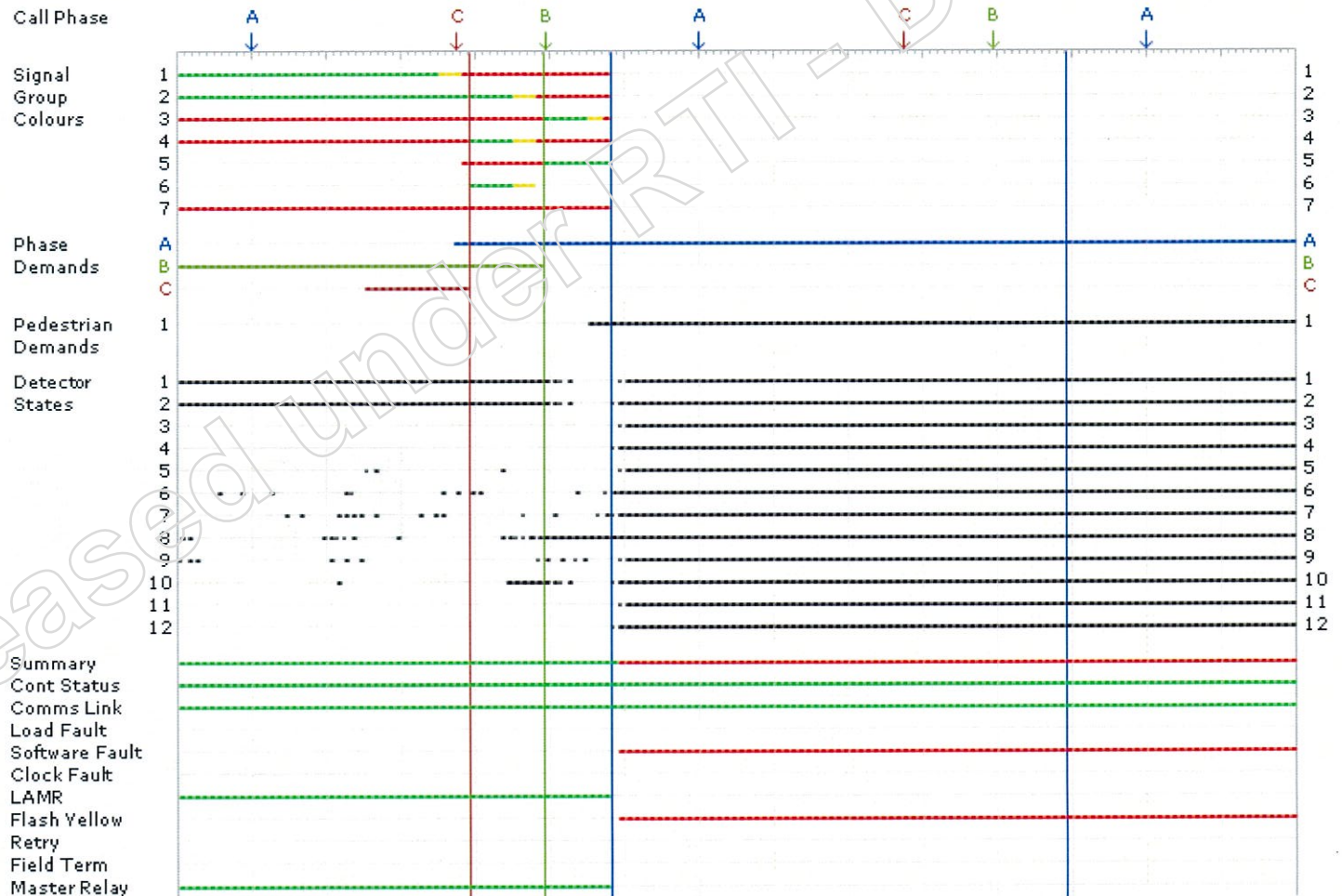
- Textual
- Graphical

Report

Intersection: 7263 - Kawana & Doherty
Plan: 7263 - Plan(85) - Bi Dir High Day 120

Report Time: 1/07/2022 11:32 AM

Cycle: 120 secs Mode: Coordinated



Kind regards,

Dez Hehir

Senior Advisor | North Coast Region
Program Delivery and Operations | Infrastructure Management and Delivery Division
Department of Transport and Main Roads

P: 07 5475 2881 | M:
Floor 2 | 21 Carnaby Street | Maroochydore Qld 4558
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www.tmr.qld.gov.au



Released under RTI - DTMR



TRAFFIC SIGNAL CONTROLLER CONFIGURATION GROUP

PERSONALITY FILE TESTING CERTIFICATE (CERTIFICATE)

Client:	TMR North Coast
Contact Name and Email Address	Dez Hehir Dez.G.Hehir@tmr.qld.gov.au
Personality Test Date & Time:	21/7/22 1145hrs
Personality Rev:	C
Plan Numbers Rev:	AUR-TR-DWG-KAW-8010853_AA
Site ID:	M7263
Location:	Kawana Way & Doherty St
Certificate Issue Date:	Thursday, 21 July 2022
Assessed to Specification/s:	Manual Uniform Traffic Control Devices Road Planning Design Manual Traffic Road User Manual AustRoads – Traffic Signals - Guide to Road Design Project specific design specifications TMR Guide to Specifying a Controller Personality
Notes:	<ol style="list-style-type: none">1. Contractor shall advise the Personality team via email of any modifications applied to the Personality.2. If modified, Contractor shall provide updated Personality file to the Configuration Group immediately following installation.3. Certificate is issued in accordance with the conditions listed below.

The State of Queensland as represented by the Department of Transport and Main Roads (TMR) has tested the Personality File and confirms that the Personality File has been properly programmed and is suitable for use by the Client in the traffic signal controller for the Location.

CONDITIONS AND DISCLAIMER - This Certificate only applies to the Personality File having the composition, features and characteristics as at the date the Personality File was submitted to TMR for testing. This Certificate is not applicable to, or valid in respect of, any subsequent modification, variation, enhancement or redevelopment of the Personality File and any representation that this Certificate applies to any other version is excluded.

References to any standards, specifications and other documents (Documents) in this Certificate are where relevant, references to versions of the Documents as at the Certificate issue Date unless otherwise stated.

The Personality File is only to be used in association with Plan Numbers_Rev referred to above.

The Client acknowledges and accepts that it shall use and rely upon Personality File and/or the Certificate at its own risk and agrees that TMR will under no circumstances be liable for any direct, indirect or consequential loss, liability, expense, costs, damages, property damage, personal injuries, third party loss due to or arising out of the use of or reliance upon the Personality File and/or the Certificate, including for any warranties, representations, terms, conditions and undertaking implied by law that cannot be excluded, negligence and loss of revenue, loss of production, loss of profit or loss of data.

Except as expressly set out in this Certificate, to the maximum extent permitted by law, TMR excludes all warranties, representations, terms, conditions and undertaking in respect of the Personality File or the Certificate, including as to the condition, completeness, quality, suitability or fitness of the Personality File for the Client's requirements or that the Personality File is provided in a form free of errors, defects, or viruses which may have a detrimental effect.

Except as expressly set out in this Certificate, the Client acknowledges that it is relying solely on its own skill and judgement in determining the suitability of the Personality File for the Client's purpose and is responsible for ensuring that the Personality File meets its own individual requirements.

Approved by

Name: Govind Hapalia

Signature:  21/07/2022

Principal Engineer (ITS and Electrical)
Operational Service Delivery | State-wide | Electrical
RoadTek | Department of Transport and Main Roads

Megan L Miles

From: Traffic Signal Controller Group Requests
Sent: Wednesday, 20 July 2022 11:59 AM
To: Dez G Hehir
Cc: NC Network Optimisation; Daniel J McKeown; Traffic Signal Controller Group Requests
Subject: RE: NCR - M7263 Kawana & Doherty

Sure Dez, we can look into that.

Yes a job number would be good thanks.

Kind regards,

Matthew Coombes

A/Principal Advisor | (Traffic Systems)

Operational Service Delivery | State-wide | Electrical | **RoadTek** | Department of Transport and Main Roads

Floor 06 | 313 Adelaide Street | Brisbane Qld 4000

P: (07) 3066 5462 | M: ^{NR}

E: matthew.c.coombes@tmr.qld.gov.au

W: www.tmr.qld.gov.au

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File Help View



Intersection: 7263 - Kawana & Doherty

Operational State: OK

Operations Status Timesettings Lamps Fault Log Comms History

Report Type

Operations Log Report

Report Duration:

Start Date/Time:

1/07/2022 11:32:00 AM

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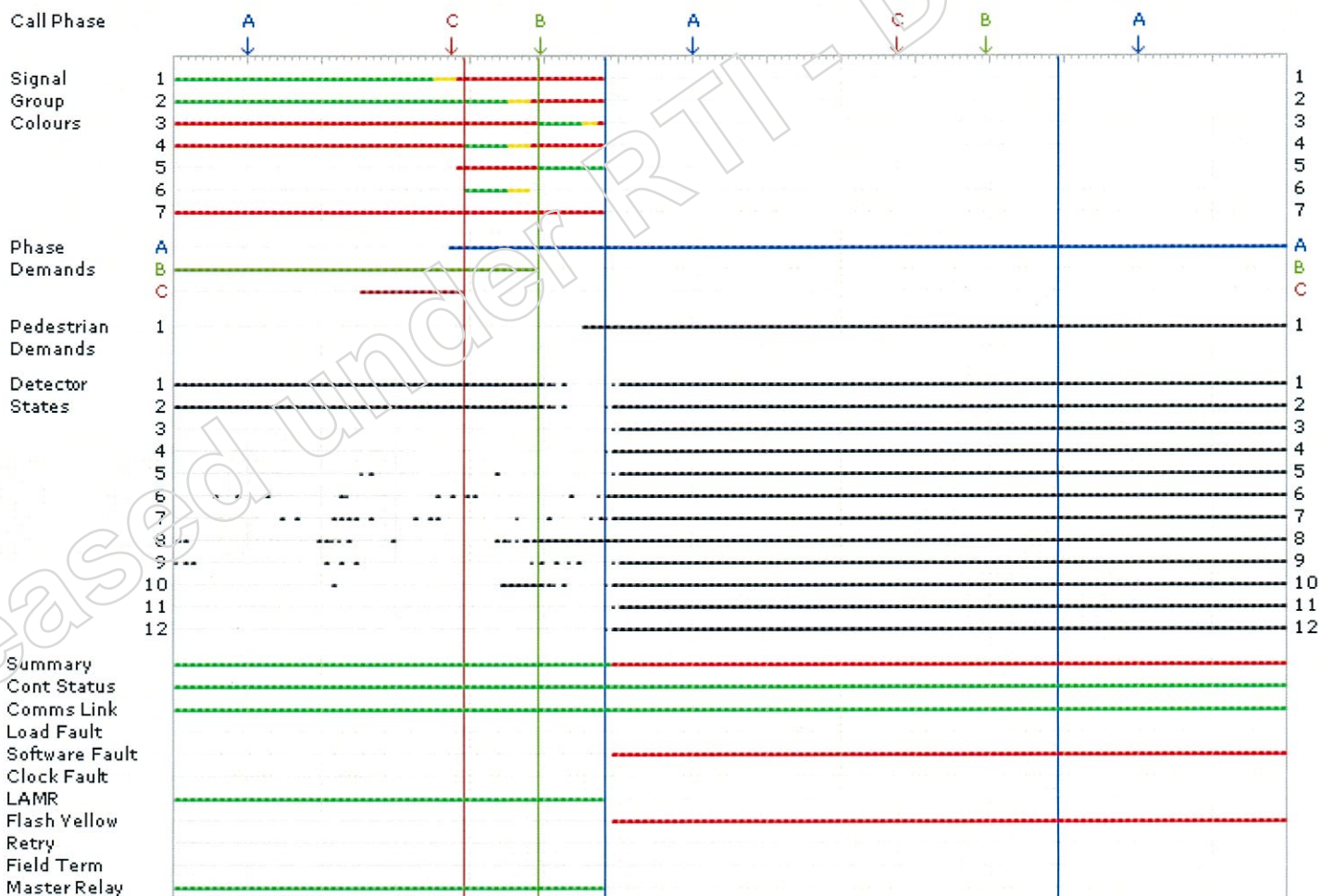
Operations Log View:

- Textual
- Graphical

Report

Intersection: 7263 - Kawana & Doherty
Plan: 7263 - Plan(85) - Bi Dir High Day 120

Report Time: 1/07/2022 11:32 AM
 Cycle: 120 secs Mode: Coordinated



Kind regards,

Dez Hehir

Senior Advisor | North Coast Region
Program Delivery and Operations | Infrastructure Management and Delivery Division
Department of Transport and Main Roads

P: 07 5475 2881 | M: NR
Floor 2 | 21 Carnaby Street | Maroochydore Qld 4558
PO Box 1600 | Maroochydore Qld 4558
dez.g.hehir@tmr.qld.gov.au
www.tmr.qld.gov.au



Released under RTI - DTMR

Megan L Miles

From: Dez G Hehir
Sent: Friday, 29 July 2022 2:17 PM
To: Daniel J McKeown
Cc: NC Network Optimisation; Rael Y Law; Scott J Minett
Subject: RE: NCR - M7263 Kawana & Doherty
Attachments: 7263-AUR-TR-DWG-KAW-8010853.pdf; S07263.SFT

Hi Daniel,

Could you please arrange for installation of the corrected signal personality for M7263 Kawana & Doherty at nearest convenience.

SFT File path (also attached) Not relevant [01. SUNSHINE COAST REGION\M7263\Personalities\7263_C](#)

PC Card Label details:

M7263_C
20/07/2022
CS=4B

Kind regards,

Dez Hehir
Senior Advisor | North Coast Region
Program Delivery and Operations | Infrastructure Management and Delivery Division
Department of Transport and Main Roads

P: 07 5475 2881 | M: NR
Floor 2 | 21 Carnaby Street | Maroochydore Qld 4558
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Subject: RE: NCR - M7263 Kawana & Doherty

Hi Dez,

Please find attached personality with the issue resolved.

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Personality Programming Team

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Matthew Coombes

A/Principal Advisor | (Traffic Systems)

Operational Service Delivery | State-wide | Electrical | RoadTek | Department of Transport and Main Roads

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File Help View



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Operational State: OK

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Auto-Refresh on

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Textual

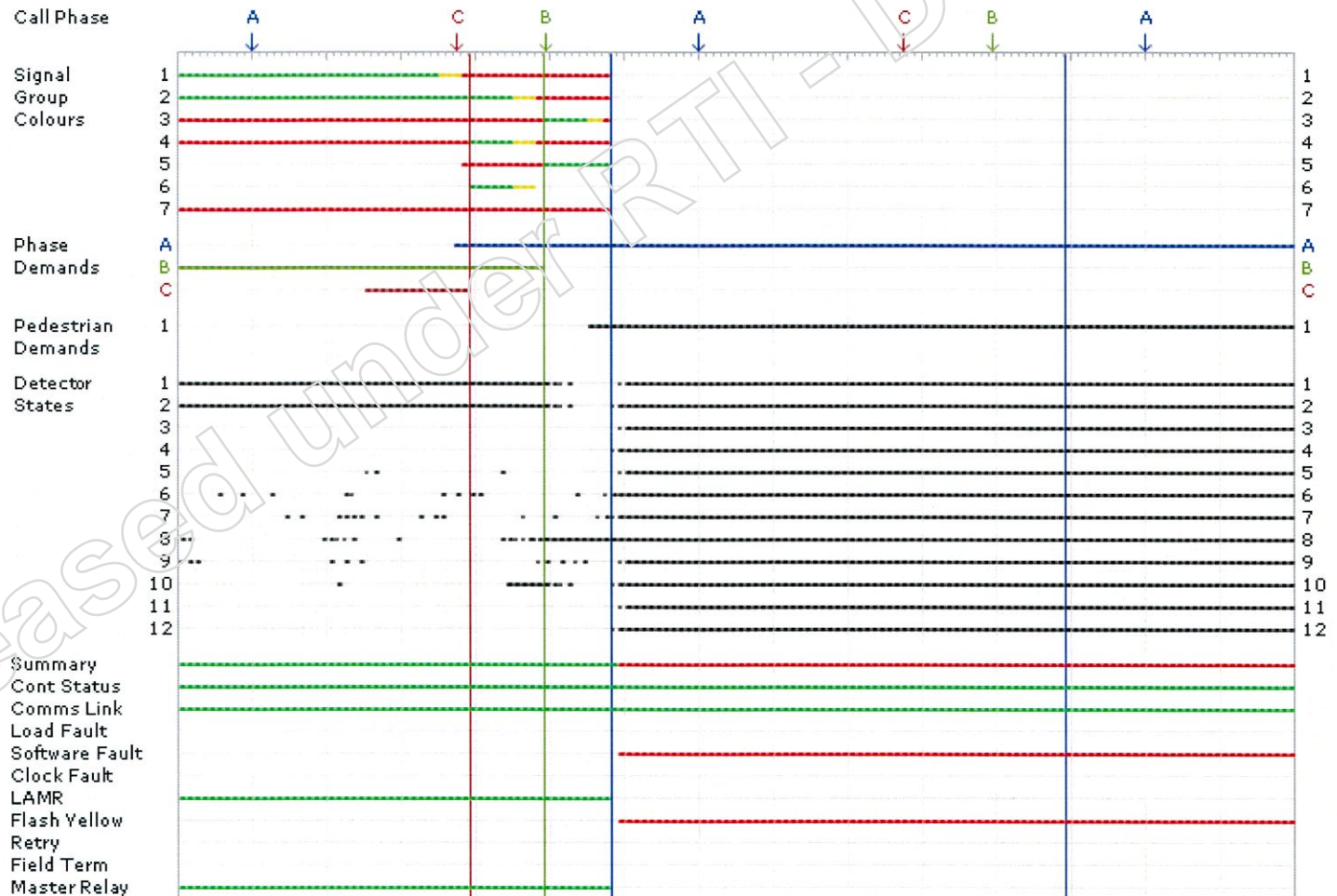
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Report

Intersection: 7263 - Kawana & Doherty
Plan: 7263 - Plan(85) - Bi Dir High Day 120

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Cycle: 120 secs Mode: Coordinated



Kind regards,

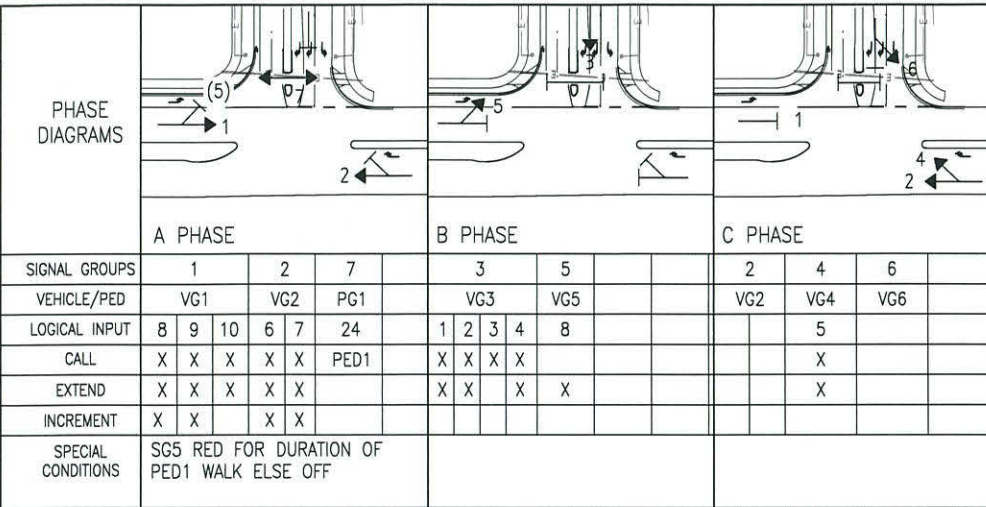
Dez Hehir
Senior Advisor | North Coast Region
Program Delivery and Operations | Infrastructure Management and Delivery Division
Department of Transport and Main Roads

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www.tmr.qld.gov.au



Released under RTI - DTMR

C:\pwworking\gsk\magalar\prod\m0838\AUR-TR-DWG-KAW-8010853.dwg
 CAD FILES
 Plot: 1/12/2014 11:01:08 AM User: Duffin, Grahame

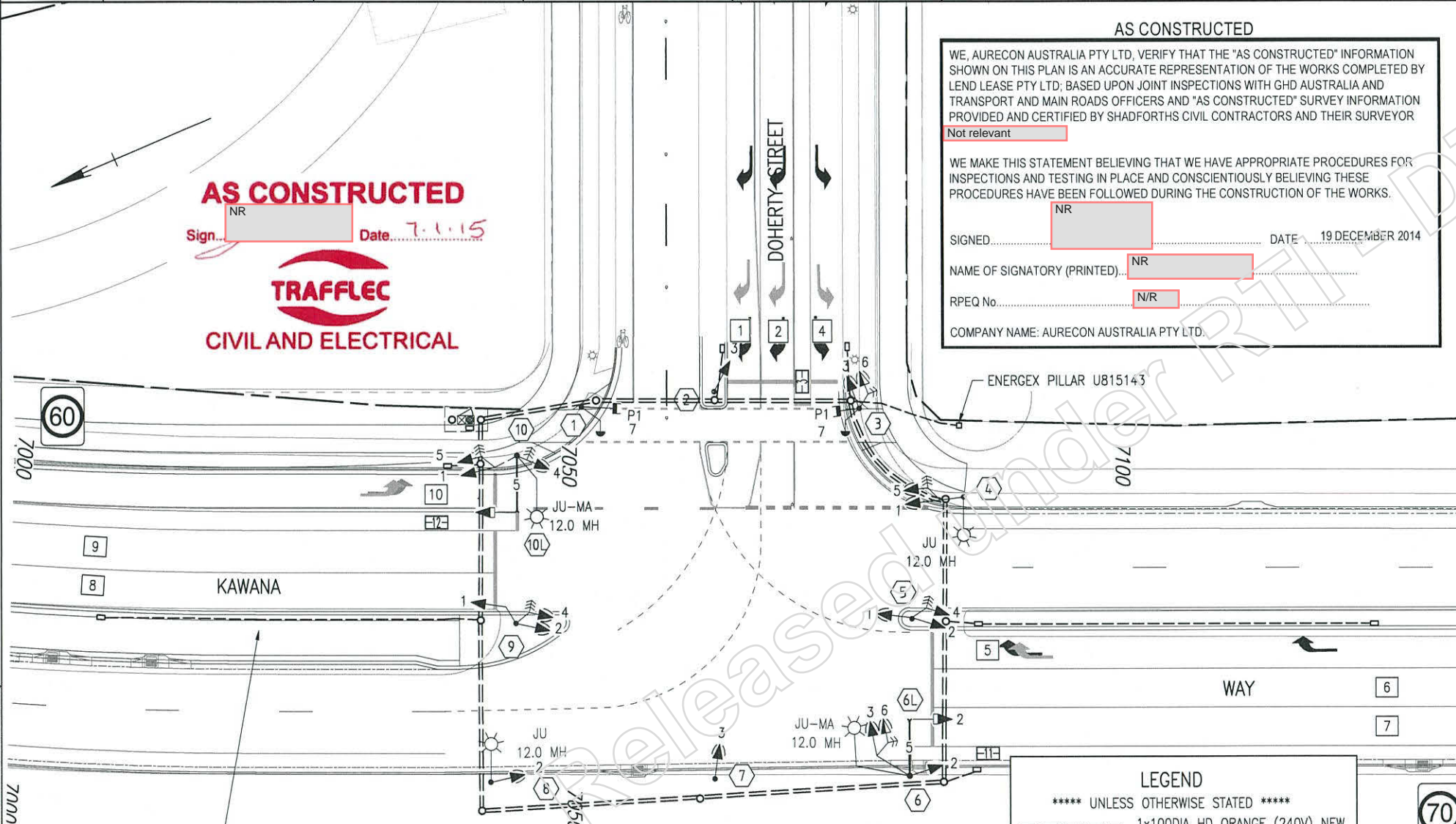


SIGNAL GROUPS	1	2	7	3	5	2	4	6	
VEHICLE/PED	VG1	VG2	PG1	VG3	VG5	VG2	VG4	VG6	
LOGICAL INPUT	8 9 10	6 7	24	1 2 3 4	8		5		
CALL	X X X X X	PED1		X X X X			X		
EXTEND	X X X X X			X X X X			X		
INCREMENT	X X X X X								
SPECIAL CONDITIONS	SG5 RED FOR DURATION OF PED1 WALK ELSE OFF								

NOTES:

1. WIRELESS NTU AND FIELD PROCESSOR TO BE PROVIDED.
2. LINE MARKING INDICATIVE ONLY.
3. SEE TMR STD DWG 1436 FOR TRAFFIC SIGNAL SYMBOLS.
4. STAGING DETAILS PREVIOUSLY SUBMITTED FOR THE NORTHERN TIE IN AREA, BETWEEN CH 6646.146 AND CH 6840 ARE INDICATIVE ONLY. EXEMPLAR HEALTH HAVE DISCUSSED AND AGREED THIS CO-ORDINATION WITH STOCKLAND. IT IS UNDERSTOOD THAT THE CONSTRUCTOR WILL ULTIMATELY FINALISE THE RESULTANT STAGING OF THIS TIE IN.

SIGNAL GROUPS	FUNCTION	CONTROLLER TERMINALS	RUN 1			RUN 2			RUN 3		
			CONNECTS			CONNECTS			CONNECTS		
FINAL TERMINALS	FINAL TERMINALS	FINAL TERMINALS	CORES USED	CORES USED	CORES USED	CORES USED	CORES USED	CORES USED	CORES USED	CORES USED	CORES USED
1	RED	A5	1	1	1	1	1	1			
	YELLOW	A4	2	2		2	2	2			
	GREEN	A3	3	3		3	3	3			
2	RED	A8	4	4	4	4	4				
	YELLOW	A7	5	5	5	5	5				
	GREEN	A6	6	6	6	6	6				
3	RED	A11	7	7		7	7				
	YELLOW	A10	8	8		8	8				
	GREEN	A9	9	9		9	9				
4	RED	A14	10	10		10	10				
	YELLOW	A13	11	11		11	11				
	GREEN	A12	12	12		12	12				
5	RED	B5	13	13		13	13				
	YELLOW	B4	14	14		14	14				
	GREEN	B3	15	15		15	15				
6	RED	B8									
	YELLOW	B7	17	17							
	GREEN	B6	18	18							
7	RED DW	B11	19	19							
	PED1										
	GREEN W	B9	20	20							
8	RED	B14									
	YELLOW	B13									
	GREEN	B12									
9	RED	C5									
	YELLOW	C4									
	GREEN	C3									
10	RED	C8									
	YELLOW	C7									
	GREEN	C6									
	RED	C11									
11	YELLOW	C10									
	GREEN	C9									
12	RED	C14									
	YELLOW	C13									
	GREEN	C12									
13											
14											
15											
16											
	EXT1 DET 24	E5	P1	P1							
	230V	A2	A	RD		A	RD				
	DET COMMON	E3	PR	GY		PR	GY				
	NEUTRAL	AT, B1, C1, D1	NL	BK	BK	NL	BK	BK			
	SPARE CORES TO EARTH			16	16		16-27	16			
				21-27			P1-P4				
				OG			OG				
	CABLE SIZE			36	19		36	19			
	CONTROLLER TYPE	TYCO ECLIPSE EC1-62-8									



AS CONSTRUCTED

WE, AURECON AUSTRALIA PTY LTD, VERIFY THAT THE "AS CONSTRUCTED" INFORMATION SHOWN ON THIS PLAN IS AN ACCURATE REPRESENTATION OF THE WORKS COMPLETED BY LEND LEASE PTY LTD; BASED UPON JOINT INSPECTIONS WITH GHD AUSTRALIA AND TRANSPORT AND MAIN ROADS OFFICERS AND "AS CONSTRUCTED" SURVEY INFORMATION PROVIDED AND CERTIFIED BY SHADFORTH'S CIVIL CONTRACTORS AND THEIR SURVEYOR

Not relevant

WE MAKE THIS STATEMENT BELIEVING THAT WE HAVE APPROPRIATE PROCEDURES FOR INSPECTIONS AND TESTING IN PLACE AND CONSCIENTIOUSLY BELIEVING THESE PROCEDURES HAVE BEEN FOLLOWED DURING THE CONSTRUCTION OF THE WORKS.

SIGNED: [redacted] DATE: 19 DECEMBER 2014

NAME OF SIGNATORY (PRINTED): [redacted]

RPEQ No: [redacted]

COMPANY NAME: AURECON AUSTRALIA PTY LTD.

CONFLICT TABLE (X INDICATES CONFLICT)

VEHICLE GROUPS	VEHICLE GROUPS												PED GROUPS			
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4
1																
2																
3	X	X	X	X												
4	X	X	X	X												
5					X	X										
6	X															
7																
8																
9																
10																
11																
12																
1		X	X	X	X											
2																
3																
4																

DETECTOR TABLE

PHYSICAL LABEL	CONTROLLER TERMINAL	LOGICAL INPUT	LOOP/PB CONFIGURATION	DIST TO STOP LINE
LOOP 1	P1	1	STOP LINE	4m
LOOP 2	P2	2	STOP LINE	4m
LOOP 3	P3	3	STOP LINE	1m
LOOP 4	P4	4	STOP LINE	4m
LOOP 5	P5	5	STOP LINE	4m
LOOP 6	P6	6	ADVANCE	40m
LOOP 7	P7	7	ADVANCE	40m
LOOP 8	P8	8	ADVANCE	35m
LOOP 9	Q9	9	ADVANCE	35m
LOOP 10	Q10	10	STOP LINE	4m
LOOP 11	Q11	11	COUNT	—
LOOP 12	Q12	12	COUNT	—
		13		
		14		
		15		
		16		
		17		
		18		
		19		
		20		
		21		
		22		
		23		
EXT1	E5	24	Pb1-AUDIO	
		25		
		26		
		27		
		28		
		29		
		30		
		31		
		32		

LEGEND

***** UNLESS OTHERWISE STATED *****

----- 1x100DIA HD ORANGE (240V) NEW

===== 2x100DIA HD ORANGE (240V) NEW

----- 1x50DIA HD ORANGE (ELV) NEW

○ DIA 600 ELECTRICAL PIT NEW

□ No.3 PIT NEW

⊗ CONTROLLER WITH TOP HAT

NOTE: CABLE PITS AND CONDUITS ARE TO BE SUPPLIED & INSTALLED TO TMR SPECIFICATION MRTS91

UBD 90 A10

SITE NUMBER M7263

WARNING

SERVICES ARE NOT SHOWN

ALL CONTRACTORS ARE RESPONSIBLE FOR AVOIDING CONFLICTS WITH SERVICES AND MUST CARRY OUT CHECKS WITH ALL SERVICE AUTHORITIES BEFORE COMMENCING WORKS.



REV	DATE	REVISION DETAILS	APPROVED	DRAWN	DESIGNED
AA	18.12.14	AS CONSTRUCTED	JL	ALG	ALG
G	03.09.13	POS NO. AND LOCATION ADDED. ST NAME WAS NORTHERN CROSS ST	GWT		
F	04.06.13	ISSUED FOR CONSTRUCTION - TMR COMMENTS ADDRESSED	GWT		
E	10.05.13	ISSUED FOR CONSTRUCTION - TMR COMMENTS ADDRESSED	GWT		
D	08.05.13	ISSUED FOR CONSTRUCTION - TMR COMMENTS ADDRESSED	GWT		
C	15.04.13	LEND LEASE COMMENTS ADDRESSED	GWT		
B	09.04.13	ISSUED FOR CONSTRUCTION - TMR COMMENTS ADDRESSED	GWT		
A	18.02.13	ISSUED FOR CONSTRUCTION	SH		

PROJECT

SUNSHINE COAST UNIVERSITY HOSPITAL KAWANA WAY DUPLICATION

TITLE

TRAFFIC SIGNAL INSTALLATION OPERATIONS & ELECTRICAL SHEET 3 OF 4

AS CONSTRUCTED	
PROJECT No.	231585
SCALE	AS SHOWN
DRAWING No.	AUR-TR-DWG-KAW-8010853
SIZE	A1
REV	AA