

1. Originator (Generate) 2. RMPC Administrator (Process / Approval) 3. Copy to Originator
 4. RMPC Administrator (Close Out)

Section 1 – This section to be completed by Originator

Description of Work (including accurate location / chainage and reasons for request – attach info where available)

At a TAG meeting, QPS raised two issues with the speeds zones approaching and within the township of Comet. Firstly there was split speed zone on the approaches which makes enforcement difficult and secondly some properties on the western side of Comet were within the 80km/h zone. After investigation, it was decided to move the speeds zones.

This is a request to install appropriate speed control signage on 16B Capricorn Highway to enforce speed limits that are compatible with the speed environment. Please refer attached Sketch 01.

- Remove existing 80km/h speed restriction sign panels and replace with 60km/h speed restriction sign (R4-1C) panels located at approximate chainage 117.80km (LHS and RHS – approximately 340m east of Capricorn Highway and Cable Street (RHS) intersection) on the western approach to Comet. Refer Sketch 01.
- Install 60km/h Speed Limit AHEAD sign (G9-79B) on both sides (LHS and RHS) of Capricorn Highway at approximately 300m in advance of the above new 60km/h speed restriction sign (R4-1C) on the western approach to Comet. Approximate chainage is 117.50km. Refer Sketch 01.
- Remove existing 80km/h speed restriction sign panels and replace with 60km/h speed restriction sign (R4-1C) panels located at approximate chainage 119.40km (LHS and RHS – approximately 550m west of Capricorn Highway and McPherson Street (RHS) intersection) on the eastern approach to Comet. Refer Sketch 01.
- Install 60km/h Speed Limit AHEAD sign (G9-79B) on both sides (LHS and RHS) of Capricorn Highway at approximately 300m in advance of the above new 60km/h speed restriction sign (R4-1C). Approximate chainage is 119.70km. Refer Sketch 01.

It is recommended that the works be funded by the relevant MPO Elements.

Shire – Central Highlands Regional Council

Road – 16B Capricorn Highway

Sections – Chge 118.00km – 120.00km

Date for Completion of Work - ASAP

Print Name/Position: Not Relevant *SENIOR DESIGNER (ROAD SAFETY)* Not Relevant Date: *3/07/2017*

Section 2 – This section to be completed RMPC Administrator

NAFR No. Job No.

Assessment

Notice of Defect Issued Yes No Notice of NCR Issued Yes No

Network Administration Funding Approval Required No Yes (Complete Variation Form)

Estimate of Cost

(Prior to recommendation RMPC Administrator to negotiate with Originator if rejection likely)

The works will be completed within the timeframe requested / will be completed by(date).

Recommended byDated...../...../.....RMPC Administrator

Approved / Rejected byDated...../...../.....Senior Engineer (Maintenance)

Network Administration Approval No

Notes to the originator

The reasons for rejections are / conditions for approval:

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Return Form to RMPC Administrator

Section 3 – Return COPY of Form to Originator

Original form to MWR Folder

Section 4 – This section to be completed by RMPC Administrator (Close Out)

Works completed on Signed RMPC Administrator

Released under RTI-DTMR



Installation and/or Removal of Regulatory Traffic Signs/Devices

Road number 16B	Road name Capricorn highway (Duarina - Emerald)
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Section/Location Township of Comet. 118.0km - 120.0km	Local Authority Central Highlands Regional Council
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Sketch or Description

Show details and sketch or describe the location of the signs/devices (including distances from street or road junction, bridge or other permanently identifiable point to sign location); or list all the documents that define their details and location.

Reason required

Removal of 80km/h and 60km/h offset speed zones, incorporating removal of 80km/h buffer zones.

Please refer to attached Network Admin Request and Plan for details.

Released under RTI-DTMR

Complete below as applicable for either Permanent or Temporary installation and/or removal

Permanent installation or removal

Proposed date (for installation or removal)
1 / 18 / 2017

Recommended Not Relevant	Date 3/10/2017	Approved (Delegate of the Director-General) Not Relevant	Date 24/7/17
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Note: use to provide approval for erection and/or removal of regulatory signs/devices including traffic signals, pedestrian crossings etc. (i.e. those erected to inform motorists of regulations governing movement).

Temporary installation and/or removal

Contact number	Contractor
Contractor's Nominated Traffic Officer	Traffic Guidance Scheme number

I certify that, as the Contractor's Nominated Traffic Officer, I have been adequately trained in roadworks signing and that the above changes to regulatory traffic devices are required for the construction of the Works and comply with the Contract and the MUTCD. This certification is given in accordance with section 72 of the *Transport Operations (Road Use Management) Act 1995*.

Contractor's Nominated Traffic Officer's signature	Date
	/ /



REMOVE EXISTING 80km/h (R APPROACH TO COMET AND INSTALL SIGN PANELS ON THE EXISTING SIDES (LHS AND RHS) OF HIGHWAY (APPROX. Ch 117.80km).



INSTALL 80km/h (R4-1) SIGN PANELS TO COMET AND INSTALL 60km/h SIGN PANELS ON THE EXISTING POLES (LHS AND RHS) OF THE HIGHWAY (APPROX. Ch 119.40km).

COMET - 16B CAPRICORN HIGHWAY

1. Proposed TET (60/100) located at existing 80/100km/h speed signs. Remove 80km/h Buffer zone. 60 Ahead sign required 300m min in advance.

2. Proposed TET (60/100) located near existing 80/100km/h speed signs approx. 100m from private access. Remove 80km/h Buffer zone. 60 Ahead sign required 300m min in advance. Exist comet town sign too close to Highway to bring 100km/h zone closer to town - Clearzone issue



Not Relevant

Road Section	DBL Start -End Chainage (m)	TET Speed Sign Chainage (m)	Location Description	Town Entry Treatment	Approach Taper (m) (A)	Departure Taper (m) (D)	No-OT Zone length Approach (NA)	No-OT Zone length Departure (ND)
16B	117341 - 117693	117819	Comet - Eastern approach	B	100	60	240	144
	119422 - 119776 (against gazettal)	119536	Comet - Western approach	B	100	60	240	144


Not Relevant

Released under RTI/DTMR

NOTES

1. Refer Drg. 830029 for Town Entry Treatment setout details (Type A, B & C)
2. Refer Drg. 830031 - 830039 for sign schedules.
3. Chainages used on plans 830030 - 830039 are DRN chainages.
- * The No-Overtaking zone length has been extended to join existing DBL to eliminate unsafe overtaking opportunities as per MUTCD (Part 2 Table 5.2)

Last Modified: 1. May '18, 2020 - 8:19pm XREFS: 1.

Associated Job Nos		Survey Data		Scales		CENTRAL HIGHLANDS REGIONAL COUNCIL		TOWNSHIP ENTRY TREATMENT LOCATION DETAILS				 Queensland Government	
Auxiliary Drg Nos		Datum		(N.T.S)		VARIOUS ROADS		Drawn		ENGINEERING CERTIFICATION (RPEQ)		Job No. TET-1346656	
		Horiz. Grid				CTL CHGE VARIOUS LOCATIONS		K.Payne		ENG. AREA NAME SIGNATURE NO. DATE		Contract No. 830030 IA	
		Height Origin				Reference Points		Designed		Civil Laxman Gopali Not Relevant 14625 19/05/20		Drawing No. 2 of 11	
		Survey Books		Dimensions shown in metres except where shown otherwise		Preceding RP Dist. to start of job (km) From start to end of job From end to Following RP Following RP		K.Payne				Series Number MRR_Detail (02/14)	
Revisions/Descriptions		Certification		Date		Microfiled		CAD FILES		G:\RCCD\0&0\Proj\Nst\xxx - township entry treatments.ssr\E_Dev\Acad\working\2020-02-27 CHR C TET.dwg			

SIGN NO.	LHS OR RHS	EXISTING OR NEW	SIGN DESCRIPTION	SIGN TYPE	WORK DESCRIPTION	SIGN DETAILS							STIFFENER DETAILS				SUPPORT DETAILS			NEW SUPPORT DETAILS			NEW FOOTING DETAILS					
						Road Section	DRN Chainage (m)	DVR Chainage (m)	Sign Face Width (mm)	Sign Face Height (mm)	Area (m2)	Offset (from Shoulder Hinge) (m)	Height above Road Surface (m)	Type	No.	Spacing (mm)	No. of Brackets	No.	Spacing (mm)	Dimension NB (mm)	Material	(Kerb) Post 1 Length (mm)	Post 2 Length (mm)	Post 3 Length (mm)	Sleeve Length (mm)	Sleeve Diam. (mm)	Hole Diam. (mm)	Hole Depth (mm)
78	LHS	NEW	SPEED LIMIT AHEAD (60)	G9-79B	SUPPLY AND INSTALL	16B	117519	117489	600	1000	0.6	2.0	2.1	-	-	-	-	1	-	50	CHS STEEL	4125	-	-	-	-	300	450
79	LHS	EXIST	SPEED RESTRICTION (80) (100)	R4-1C	REMOVE AND DEMOLISH	16B	117819	117789																				
80	RHS	EXIST	SPEED RESTRICTION (80) (100)	R4-1C	REMOVE AND DEMOLISH	16B	117819	117789																				
81	LHS	NEW	WELCOME TO COMET (60)	TC2082_2B	SUPPLY AND INSTALL	16B	117819	117789	1500	2000	3.0	2.0	2.1	1	5	450	10	2	900	90	FLUTED ALUMINIUM	5150	5375	-	850	102	450	900
82	LHS	NEW	SPEED RESTRICTION (100)	R4-1B	SUPPLY AND INSTALL	16B	117819	117789	600	800	0.48			TO BE INSTALLED ON BACK OF SIGN NO.81														
83	RHS	NEW	WELCOME TO COMET (60)	TC2082_2B	SUPPLY AND INSTALL	16B	117819	117789	1500	2000	3.0	2.0	2.1	1	5	450	10	2	900	90	FLUTED ALUMINIUM	5150	5275	-	850	102	450	900
84	RHS	NEW	SPEED RESTRICTION (100)	R4-1B	SUPPLY AND INSTALL	16B	117819	117789	600	800	0.48			TO BE INSTALLED ON BACK OF SIGN NO.83														
85	LHS	EXIST	TOWN NAME SIGN - COMET	G6-1	REMOVE AND DEMOLISH	16B	117883	117891																				
86	LHS	EXIST	SPEED RESTRICTION (60)	R4-1C	REMOVE AND DEMOLISH	16B	118114	118100																				
87	RHS	EXIST	SPEED RESTRICTION (60)	R4-1C	REMOVE AND DEMOLISH	16B	118114	118100																				
88	LHS	NEW	SPEED RESTRICTION (60)	R4-1B	SUPPLY AND INSTALL	16B	118276	118281	600	800	0.48	2.0	2.1	-	-	-	-	1	-	50	CHS STEEL	3650	-	-	-	-	300	450
89	LHS	EXIST	SPEED RESTRICTION (60)	R4-1C	REMOVE AND DEMOLISH SIGN FACE ONLY	16B	118893	118893																				
90	LHS	EXIST	SPEED RESTRICTION (60)	R4-1B	SUPPLY AND INSTALL SIGN FACE ONLY -ROTATE SIGN FACE TO FACE EAST	16B	118893	118893	600	800	0.48	2.0	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91	RHS	EXIST	SPEED RESTRICTION (60)	R4-1C	REMOVE AND DEMOLISH SIGN FACE ONLY	16B	118893	118893																				
92	RHS	NEW	SPEED RESTRICTION (60)	R4-1B	SUPPLY AND INSTALL SIGN FACE ONLY	16B	118893	118893	600	800	0.48	2.0	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93	RHS	EXIST	TRUCKS REDUCE NOISE	TC9709	REMOVE FROM CH119528 & RE-ERECT	16B	119384	119384	2000	2000	4.0	2.0	2.1															
94	LHS	EXIST	SPEED RESTRICTION (80) (100)	R4-1C	REMOVE AND DEMOLISH	16B	119394	119394																				
95	RHS	EXIST	SPEED RESTRICTION (80) (100)	R4-1C	REMOVE AND DEMOLISH	16B	119394	119394																				
96	LHS	NEW	WELCOME TO COMET (60)	TC2082_2B	SUPPLY AND INSTALL	16B	119536	119536	1500	2000	3.0	2.0	2.1	1	5	450	10	2	900	90	FLUTED ALUMINIUM	5150	5375	-	850	102	450	900
97	LHS	NEW	SPEED RESTRICTION (100)	R4-1B	SUPPLY AND INSTALL	16B	119536	119536	600	800	0.48			TO BE INSTALLED ON BACK OF SIGN NO.96														
98	RHS	NEW	WELCOME TO COMET (60)	TC2082_2B	SUPPLY AND INSTALL	16B	119536	119536	1500	2000	3.0	2.0	2.1	1	5	450	10	2	900	90	FLUTED ALUMINIUM	5150	5375	-	850	102	450	900
99	RHS	NEW	SPEED RESTRICTION (100)	R4-1B	SUPPLY AND INSTALL	16B	119536	119536	600	800	0.48			TO BE INSTALLED ON BACK OF SIGN NO.98														
100	RHS	NEW	SPEED LIMIT AHEAD (60)	G9-79B	SUPPLY AND INSTALL	16B	119902	119902	600	1000	0.6	2.0	2.1	-	-	-	-	1	-	50	CHS STEEL	4125	-	-	-	-	300	450

Released under RTI DTMR

NOTES

- It is the responsibility of the contractor to determine whether a sign needs to be removed while construction takes place.
- Dial Before You Dig searches must be carried out prior to construction commencing.
- Refer Standard Drawings
 - ~ 1363 Traffic Sign - Multiple Traffic Signs Support
 - ~ 1364 Traffic Sign - Connection Straps and Erection Cleat Details
 - ~ 1368 Traffic Sign - Single Traffic Sign Support
 - ~ 1369 Traffic Sign - Details of Sign Stiffening Extrusion

NOTES

- All aluminum posts to be installed with approved restraint device with top of socket 50mm - 100mm above finished surface and not less than 28MPa (wet) concrete is to be used in footing as per manufacturer's specifications.
- Refer Drg. 830029 & 830030 for town entry treatment typical details and treatment locations.
- Any existing signs within the extents of the new works are to remain unless shown otherwise.

G		Associated Job Nos		Survey Data		Scales		CENTRAL HIGHLANDS REGIONAL COUNCIL				TOWNSHIP ENTRY TREATMENT				Queensland Government	
F				Datum		(N.T.S)		VARIOUS ROADS				CAPRICORN HIGHWAY - COMET					
E				Horiz. Grid				CTL CHGE				SIGN SCHEDULE				Job No. TET-1346656	
D				Height Origin				Reference Points				ENGINEERING CERTIFICATION (RPEQ)				Contract No.	
C				Survey Books		Dimensions shown in metres except where shown otherwise		Preceding RP				No. DATE				Drawing No. 830035 A	
B								Dist. to start of job (km)				From start to end of job				Series Number 7 of 11	
A		Issued For Construction						From end to Following RP				Following RP				MRR Detail (02/14)	
		Revisions/Descriptions		Certification		Date		Through Chainage from				Drawn K.Payne				Designed K.Payne	
												ENG. AREA NAME SIGNATURE NO. DATE					
												Cwll Laxman Gopali Not Relevant 24/02/19					