Sina Z Louei

From: Sent: To: Cc: Subject: Attachments: Junwei Ang Thursday, 11 March 2021 11:42 AM Ram Ramachandran Jeffrey J Weeks; Imtiaz M Abdul; Bernard W Tham; Peri Konesh Design and construction signalised crossings at Webster Road, Aspley 10032021175746-0001.pdf

Hi Ram,

As discussed briefly yesterday, DRD had requested we provide him with a high level cost estimate to design and build 2 signalised slip lanes at the Webster Road / Gympie Road intersection for it to meet the TMR Road Safety Policy.

The intent is for TMR to construct the crossing by the time BCC has completed their construction for the bikeway which is currently scheduled to commence shortly for completion by 30/6/2021.

I have requested BCC provide us their latest plans to show all works in that area but for now, can you use the attached annotated plan from DRD to progress the high level cost estimate. For this current exercise, please assume minimal works by BCC other than to widen the existing ped path to a 3m wide shared path which we would connect into on the N/E quadrant and for us to connect to existing on the S/E quadrant. Please provide the high level estimate asap so we can formalise the funding arrangement for design and construction with DRD and RD.

Do you want to add this in the RoadTek MOA list as a last minute addition?

Thanks!

Kind Regards,

Junwei Ang

Principal Engineer | Metropolitan Region / Brisbane Office Program Delivery & Operations Branch | Infrastructure Management & Delivery | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane City Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 4181 E: junwei.ang@tmr.qld.gov.au W: www.tmr.qld.gov.au

-----Original Message-----From: ADOC15-PRN02 <ADOC15-PRN02@tmr.qld.gov.au> Sent: Wednesday, 10 March 2021 5:58 PM To: Junwei Ang <Junwei.Ang@tmr.qld.gov.au> Subject: Scanned Document

Number of Images: 1 Attachment File Type: PDF

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Page Number: 2 of 333

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From:	Matthew A Baylis
Sent:	Monday, 15 March 2021 1:16 PM
То:	Ram Ramachandran; Ho Y Lam
Cc:	Sang V To; Pinak H Dholakia
Subject:	RE: Design and construction signalised crossings at Webster Road, Aspley
Attachments:	Gympie and Webster Estimate.xlsx; M1119 Marked up.pdf

Hi Ram,

Please find a cost estimate for the works described attached.

I have also included a simple marked up plan showing what we based the price on thave also included lump sums for the line marking and the signage in our estimate.

Please let me know if you need anything further.

Kind regards,

Matt Baylis

A/Senior Project Manager (Electrical and ITS) | Brisbane Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

10 Oregon Street | Hemmant Qld 4174 (07) 55613861 | M: NR

matthew.a.baylis@tmr.qld.gov.au www.tmr.qld.gov.au

-----Original Message-----

From: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>

Sent: Thursday, 11 March 2021 1:41 PM

To: Matthew A Baylis <Matthew.A.Baylis@tmr.qid.gov.au>; Ho Y Lam <Ho.Y.Lam@tmr.qld.gov.au> Cc: Sang V To <Sang.V.To@tmr.qld.gov.au>; Pinak H Dholakia <Pinak.H.Dholakia@tmr.qld.gov.au> Subject: FW: Design and construction signalised crossings at Webster Road, Aspley

Hi Matt

We need to install ped signals on the slip lanes at the above intersection (location is in the aerial photograph) before end of this FY

Can you please give approx, estimate for this work by early next week.

No civil works are involved but there will be some line marking (Stop line and so on)

Ho Yee

Can you please provide an estimate for the design work of the ped signals at the location where current pram ramps are situated. You can assume no civil works except line mark.

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004

P: (07) 3066 1333 | F: (07) 3220 6071

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E: ram.z.ramachandran@tmr.qld.gov.au

W: www.tmr.qld.gov.au

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-----Original Message-----

From: Junwei Ang <Junwei.Ang@tmr.qld.gov.au>

Sent: Thursday, 11 March 2021 11:42 AM

To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>

Cc: Jeffrey J Weeks <Jeffrey.J.Weeks@tmr.qld.gov.au>; Imtiaz M Abdul <imtiaz.m.abdul@tmr.qld.gov.au>; Bernard W Tham <Bernard.W.Tham@tmr.qld.gov.au>; Peri Konesh <Peri.Z.KONESHAMOORTHY@tmr.qld.gov.au> Subject: Design and construction signalised crossings at Webster Road, Aspley

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Kind Regards,

Junwei Ang

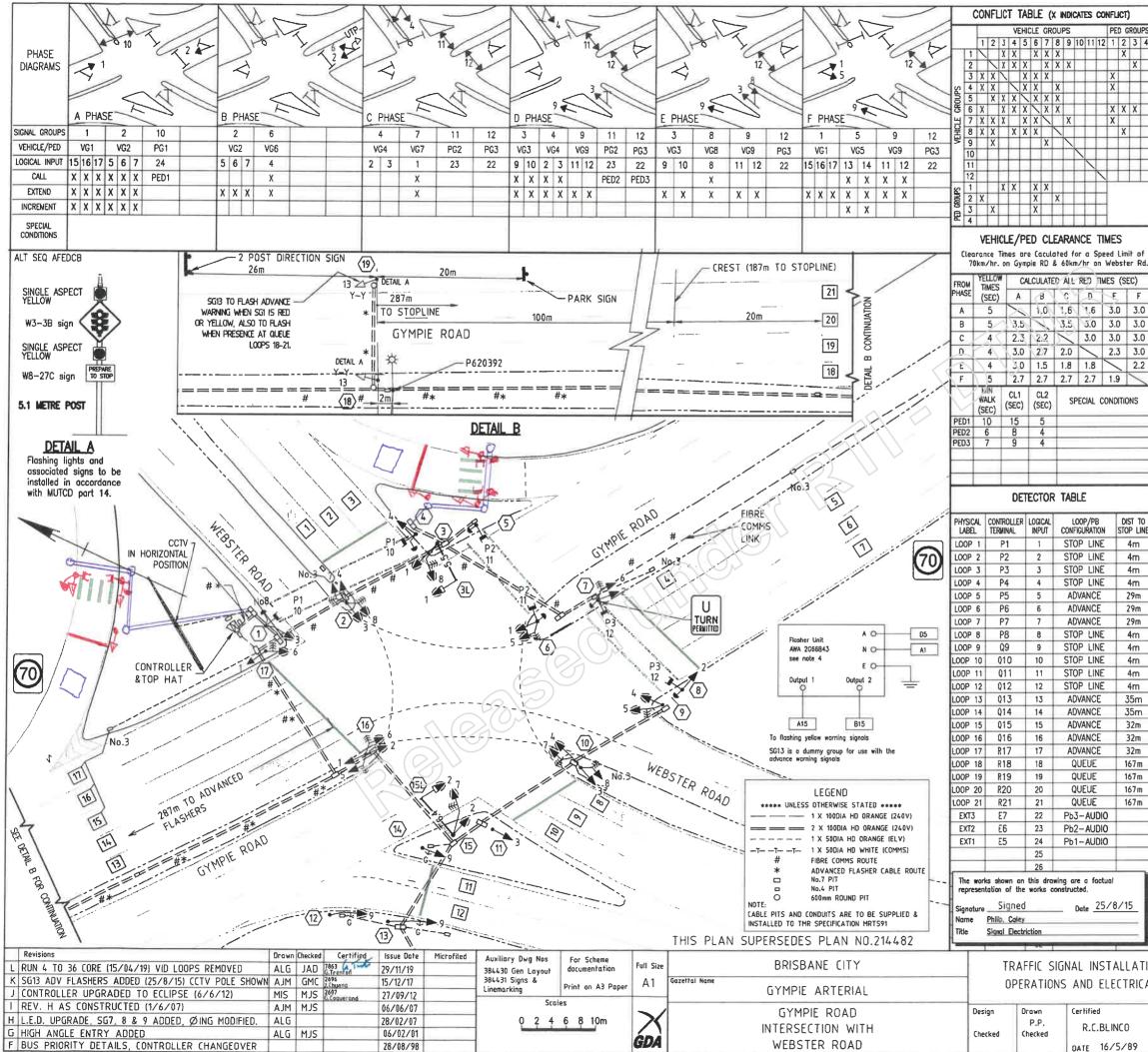
Principal Engineer | Metropolitan Region / Brisbane Office Program Delivery & Operations Branch | Infrastructure Management & Delivery | Department of Transport and Main Roads

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Page Number: 6 of 333

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em	Description	Unit	Quantity	Unit Cost	Total
	Traffic Control				
	Provision for traffic	Nights			
	Identifying and managing asbestos on Site [where required]	LMP			
	Service Location	Nights			
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6	Site facilities	Imp		\sim	/
	Conduit and Conduit Fittings Underground			$\langle \rangle$	>
7	Supply and Installation on [1] of [80]mm [PVC][electrical] Conduit(s), in Verge	m		$\langle \rangle \rangle$	
8	Supply and Installation on [1] of [80]mm [PVC][electrical] Conduit(s), in Concrete	m		\leq	
9	Supply and installation of [2] of [100] mm, [PVC], [electrical] conduit(s), in [verge]	m		\sim	
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11	Supply and installation of [3] of [100] mm, [PVC], [electrical] conduit(s), in [Road Crossing]	m	$\langle \rangle $		
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	Cable Jointing Pits	111	()		
12	Supply and installation of cable jointing pit [circular electrical]	ea			
13	Construction of pit surround	ea	\mathbb{N}/\mathbb{N}		
14	Conformance and As Constructed survey for pits	ea	\sim		
	Traffic Signal Footings	XZ			
	Traffic signal post footing	ea			
	Conformance and As Constructed survey for depth of footing	ea			
	As Constructed survey for traffic signal post footing	ea			
	Traffic Signal Posts and Mast Arms			CTPI	
-	Supply and installation of traffic signal post, [4.1] metres long, [without] hinged baseplate	ea			
10					
	Traffic Signal Lanterns				
	Supply and installation of [ground mounted] traffic signal lantern, [LED], [3] aspect, [200] non aspect diameter,				
19	and [single] target board	ea			
20	Supply and installation of [ground mounted] Ped Lantern LED	ea			
21	Supply and Installation [ground mounted] Audio Tactile Push Button	ea			
22	Supply and Installation of Finials	ea			
	Detector Loops				
23	Supply and installation of vehicle detector loops	ea			
24	Modification to existing traffic signal controller, [M1119], [Gympie Rd Intersection with Webster Road]	LMP			
25	Supply and installation of Personality EPROM	ea			
26	Commissioning and testing of Personality EPROM	LMP			
	Line marking and signage				
27	Stop bars	LMP			
28	Signage	LMP			
	Power Cables				
	Supply of traffic signal cable, [-], [36] cores, [PVC], [PVC], [Cu]	m			
	Supply feeder loop cables	m			
	Installation, jointing and termination of traffic signal cable, [36core]	m			
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Sina Z Louei

From: Ram Ramachandran Sent: Tuesday, 16 March 2021 9:44 AM To: Junwei Ang Cc: Jeffrey J Weeks Subject: FW: Design and construction signalised crossings at Webster Road, Aspley Junwei The updated estimate is below:-Construction cost = 200k (as per RoadTek's high level estimate) = 60k Design costs Project mgt/admin= 30k = 120k (40% of estimated project cost) Contingency Total = 410k

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 79 | Spring Hill Qld 4004

P: (07) 3066 1333 | F: (07) 3220 6071

M: NR

E: ram.z.ramachandran@tmr.qld.gov.au

W: www.tmr.qld.gov.au

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Junwei

The estimate

Construction cost = TBA (waiting from RoadTek) Design costs = 60k Project mgt/admin= 30k Contingency = TBA (depending on RoadTek's estimate) Please add this one to MOA list if we are getting a separate funding.

If we are using RSMW funds we don't need. But we haven't got any funds left in RSMW this year and next year's fund not received yet.

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

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W: www.tmr.qld.gov.au

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-----Original Message-----

From: Junwei Ang <Junwei.Ang@tmr.qld.gov.au>

Sent: Thursday, 11 March 2021 11:42 AM

To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@trnr.qld.gov.au>

Cc: Jeffrey J Weeks <Jeffrey.J.Weeks@tmr.qld.gov.au>; Imtiaz M Abdul <imtiaz.m.abdul@tmr.qld.gov.au>; Bernard W Tham <Bernard.W.Tham@tmr.qld.gov.au>; Peri Konesh <Peri.Z.KONESHAMOORTHY@tmr.qld.gov.au> Subject: Design and construction signalised crossings at Webster Road, Aspley

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Principal Engineer | Metropolitan Region / Brisbane Office Program Delivery & Operations Branch | Infrastructure Management & Delivery | Department of Transport and Main Roads

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Number of Images: 1 Attachment File Type: PDF

Device Name: ADOC15-PRN02 Device Location:

Sina Z Louei

From:	Ram Ramachandran
Sent:	Monday, 22 March 2021 9:01 PM
То:	Adrian X Wilson; Junwei Ang; Imtiaz M Abdul
Cc:	Jeffrey J Weeks; Sina Z Louei
Subject:	Gympie/Webster Signalisation of slip lanes

Junwei

The plan is to get design completed by end of April and construction by end of June. TS and RoadTek are ok with this time frame.

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 1333 | F: (07) 3220 6071 M. NR E: ram.z.ramachandran@tmr.qld.gov.au W: www.tmr.qld.gov.au Tomorrow's Oueensland: strong, green, smart, he

Tomorrow's Queensland: strong, green, smart, healthy and fair - <u>www.towardQ2.qld.gov.au</u> P Please consider the environment before printing this email

From: Adrian X Wilson <Adrian.X.Wilson@tmr.qld.gov.au>

Sent: Monday, 22 March 2021 9:57 AM

To: Junwei Ang <Junwei.Ang@tmr.qld.gov.au>: Imtiaz M Abdul <imtiaz.m.abdul@tmr.qld.gov.au>; Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au> Subject: RE: RDS - NBB - Aspley - Drawing set for TMR approval

Junwei,

Can you please advise the extent of works that will be returned to TMR, and those that will be under the control of council.

Adrian

From: Junwei Ang <Junwei Ang@tmr.qld.gov.au> Sent: Thursday, 18 March 2021 6:14 PM To: Adrian X Wilson <<u>Adrian X.Wilson@tmr.qld.gov.au</u>>; Imtiaz M Abdul <<u>imtiaz.m.abdul@tmr.qld.gov.au</u>>; Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Subject: FW: RDS - NBB - Aspley - Drawing set for TMR approval

Adrian / Imtiaz,

Please review these latest set of plans for any final comments. Thanks!

Ram,

Please find attached the latest BCC plans for your review in relation to the design and construction of the signalisation of the Webster Road / Gympie Road Slip-lanes by 30/6/2021 to coincide with BCC's project as per RD's directions.

Let me know if this cannot achieved and RD had requested for a briefing note in this week's Metro Program Board meeting to the Minster if this is the case which Imtiaz can facilitate.

I will chase Tom for the funding.

Thanks!

Kind Regards,

Junwei Ang Principal Engineer | Metropolitan Region / Brisbane Office Program Delivery & Operations Branch | Infrastructure Management & Delivery | Department of Transport and Main Roads

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PO Box 70 Spring Hill Qld 4004
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W: <u>www.tmr.qld.gov.au</u>

-----Original Message-----

From: Luke Manley <<u>Luke.Manley@brisbane.qld.gov.au</u>> Sent: Thursday, 18 March 2021 1:45 PM To: Junwei Ang <<u>Junwei.Ang@tmr.qld.gov.au</u>> Subject: FW: RDS - NBB - Aspley - Drawing set for TMR approval

Junwei

Please see attached updated drawings - hopefully all of your comments have now been addressed.

Thanks

Luke Manley Project Delivery Manager, Civil Infrastructure Project Management Branch | City Projects Office Brisbane Infrastructure | BRISBANE CITY COUNCIL Green Square | Level 1, 505 St Paul's Tce, Fortitude Valley, Qld 4006 Phone: +61-7-3178 7437

Email: luke.manley@brisbane.qld.gov.au

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-----Original Message-----From: Tony Williams <Tony.Williams@brisbane.qld.gov.au> Sent: Thursday, 18 March 2021 1:20 PM To: Luke Manley <Luke.Manley@brisbane.qld.gov.au> Subject: RDS - NBB - Aspley - Drawing set for TMR approval

Your message is ready to be sent with the following file or link attachments:

North Brisbane Bikeway Aspley - Final Draft.pdf

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Queensland Government

Project Scope Identification

for an Infrastructure Type 3 project

Source of funds:	-						
(Program, line item in RIP)	Targeted Road Safety Program						
Region/District:	Metropolitan	Local Government:	Brisbane C	ity Council			
Road Name (Section):	Gympie Rd/ Webster Rd Intersection (Pedestrian Signalised Crossing)						
	Start (Ch/TDist/Co-ord)	Finish (Ch/TDist/Co-erd)	Site No	Distance			
Project Location:	Gympie Rd/ Webster Rd Intersection	Gympie Rd/ Webster Rd Intersection	N/A	N/A			
Project Number	ТВС			a state of the state of			
Project Number:	IBC						
		d Intersection is a key arteria					
Nood for Project:	The road section of Gyn case is located on two s Figure 1 - Attachment None of the two (2) slip limited sight distance av there is a conflict point v signals enforcing the pri of roads and eliminate the at the appropriate location	Apie Rd/ Webster Rd Interse lip lanes located on the east A - Locality Map. lanes currently have a signa ailable for both the drivers and where pedestrians and vehicl ority of travel for either road he risk of crashes, pedestrian on.	ction nominated ern side of Gym lised pedestrian nd pedestrians u les cross path w users. In order t n signals to be c	l for this business pie road – refer to crossing. Due to utilising these roads, vithout any traffic to enhance the safety designed and installed			
Need for Project:	The road section of Gyn case is located on two s Figure 1 - Attachment None of the two (2) slip limited sight distance av there is a conflict point w signals enforcing the pri of roads and eliminate th at the appropriate location In accordance to the Tra Design Part 4: Intersect where there is a pedestit signalised intersections, an alternative treatment With respect to above, t	Apple Rd/ Webster Rd Interse lip lanes located on the east A - Locality Map. lanes currently have a signa ailable for both the drivers and where pedestrians and vehicl ority of travel for either road he risk of crashes, pedestrian on. ansport and Main Roads Sup ions and Crossings – Genera rian demand, unsignalised le A slip lane should be remov to the slip lane considered. he slip lanes located at the C	ction nominated ern side of Gym lised pedestrian nd pedestrians u les cross path w users. In order t n signals to be o oplement to Aus al, Appendix A.7 ft turn slip lanes red or signalised Gympie Rd/ Web	for this business pie road – refer to crossing. Due to utilising these roads, <i>i</i> thout any traffic to enhance the safety designed and installed troads Guide to Road 7.1 states that in area a should be avoided a d in these instances, o			
	The road section of Gyn case is located on two s Figure 1 - Attachment None of the two (2) slip limited sight distance av there is a conflict point w signals enforcing the pri of roads and eliminate the at the appropriate location In accordance to the Tra Design Part 4: Intersections, an alternative treatment With respect to above, the lane are non-conforming and installed at the appro- safety of both pedestriant	Apple Rd/ Webster Rd Interse lip lanes located on the east A - Locality Map. lanes currently have a signa ailable for both the drivers and where pedestrians and vehicl ority of travel for either road he risk of crashes, pedestrian on. ansport and Main Roads Sup ions and Crossings – Genera rian demand, unsignalised le A slip lane should be remov to the slip lane considered.	ction nominated ern side of Gym lised pedestrian nd pedestrians u les cross path w users. In order t n signals to be c oplement to Aus al, Appendix A.7 ft turn slip lanes red or signalised Gympie Rd/ Web re, pedestrian s ion of these sig	for this business pie road – refer to crossing. Due to utilising these roads, ithout any traffic to enhance the safety designed and installed troads Guide to Road '.1 states that in area s should be avoided a d in these instances, o oster Rd Intersection ignals to be designed			
Date of any damage	The road section of Gyncase is located on two s Figure 1 - Attachment None of the two (2) slip limited sight distance aver there is a conflict point w signals enforcing the pri of roads and eliminate the at the appropriate location In accordance to the Tran Design Part 4: Intersections where there is a pedestric signalised intersections, an alternative treatment With respect to above, the lane are non-conforming and installed at the appro- safety of both pedestrian N/A	Apie Rd/ Webster Rd Interse lip lanes located on the east A - Locality Map. lanes currently have a signa ailable for both the drivers and where pedestrians and vehicl ority of travel for either road he risk of crashes, pedestrian on. ansport and Main Roads Sup ions and Crossings – Genera- rian demand, unsignalised le A slip lane should be remove to the slip lane considered. he slip lanes located at the Co to the standard and therefore opriate locations. The provise	ction nominated ern side of Gym lised pedestrian nd pedestrians u les cross path w users. In order t n signals to be c oplement to Aus al, Appendix A.7 ft turn slip lanes red or signalised Gympie Rd/ Web re, pedestrian s ion of these sig	for this business pie road – refer to crossing. Due to utilising these roads, ithout any traffic to enhance the safety designed and installed troads Guide to Road '.1 states that in area s should be avoided a d in these instances, o oster Rd Intersection ignals to be designed			
Need for Project: Date of any damage •Crash history: (over last 5 years)	The road section of Gyn case is located on two s Figure 1 - Attachment None of the two (2) slip limited sight distance av there is a conflict point w signals enforcing the pri of roads and eliminate the at the appropriate location In accordance to the Tra Design Part 4: Intersections, an alternative treatment With respect to above, the lane are non-conforming and installed at the appro- safety of both pedestriant	Apie Rd/ Webster Rd Interse lip lanes located on the east A - Locality Map. lanes currently have a signa ailable for both the drivers and where pedestrians and vehicl ority of travel for either road he risk of crashes, pedestrian on. ansport and Main Roads Sup ions and Crossings – Genera- rian demand, unsignalised le A slip lane should be remove to the slip lane considered. he slip lanes located at the Co to the standard and therefore opriate locations. The provise	ction nominated ern side of Gym lised pedestrian nd pedestrians u les cross path w users. In order t n signals to be c oplement to Aus al, Appendix A.7 ft turn slip lanes red or signalised Gympie Rd/ Web re, pedestrian s ion of these sig	for this business pie road – refer to crossing. Due to utilising these roads, ithout any traffic to enhance the safety designed and installed troads Guide to Road '.1 states that in area s should be avoided a d in these instances, o oster Rd Intersection ignals to be designed			

Project Scope Identification - for an Infrastructure Type 3 project

¥	-	500	-		500		
Source Fund \$'000	Prior Expenditure \$'000	2020-21 \$'000	osed expenditu 2021-22 \$'000	2022-23 \$'000	Total \$'000		
allowance)	<u>{0</u>	Drop	acad avpanditu	uro flowe			
Project Estimate: (note contingency	\$500K. (including \$210k contingency)						
Native Title/Environmental/ Cultural Heritage concerns:	Not applicable to this project						
Significant risks identified:	Traffic management						
Future operational performance:	None						
Safety assessment	Does the proposed work make any aspect of the road less safe? (e.g. <i>traffic moved closer to hazards, or approach speed to a tight curve increased</i>) No, ⊠ - proceed with the design Yes, □- do further mitigation work to achieve the appropriate level of safety.						
Delivery method:	To be advised at the development phase.						
Constraints:	Traffic management during the constructionManagement of existing services						
Options considered:	• There is a requirement that all slip lanes should be removed or signalised in these instances, or an alternative treatment to the slip lane considered.						
Out of Scope:	 Detailed Design, project management, construction and contingency Provision of wombat crossing No civil works have been assumed for the works 						
In Scope:	 Rd/ Webster Ro Design and con 	 Design and installation of pedestrian signals at the slip lanes located at the Gympie Rd/ Webster Rd Intersection Design and construction of signal footings including (conduits, conduits fittings, detector loops and power cables underground) 					
Scope of proposed project:							
•Other: Program Benefits/ outcomes of proposed works:	 Driver safety (road carriageway& intersection) Pedestrian safety Minor improvements (for example, upgrade floodway) 						
•Any associated works/projects:	Nil.						
 Political and community issues: 	Nil.						
•Deficiencies:	The Slip lanes locat conforming to TMR installed at the appr safety of both pedes	specification an opriate locations	d therefore, pede s. The provision o	estrian signals to b of these signals wil	e designed and		

Submitted (Project Manager)

×

€.

Name: Sina Loue	Position: Engineer (Civil)
NR	and the second
Signature:	Date: 22/03/2021

Recommended (Program Manager/Sponsor- Principal Engineer/Advisor/Coordinator)

Name: Ram	Ramachandran	T	Position: Principal Engineer
Signature:	NR	_	Date: 22/03/2021

Comments:

Approved (Customer - M(PD&P), M(D&O) or M(PP&CM))

. 3 .

Name: Jeffrey We	eeks	Position. Business Unit Manager
Signature:	NR	Date: 23/03/2021

Comments:

Attachments:

A. Locality Map

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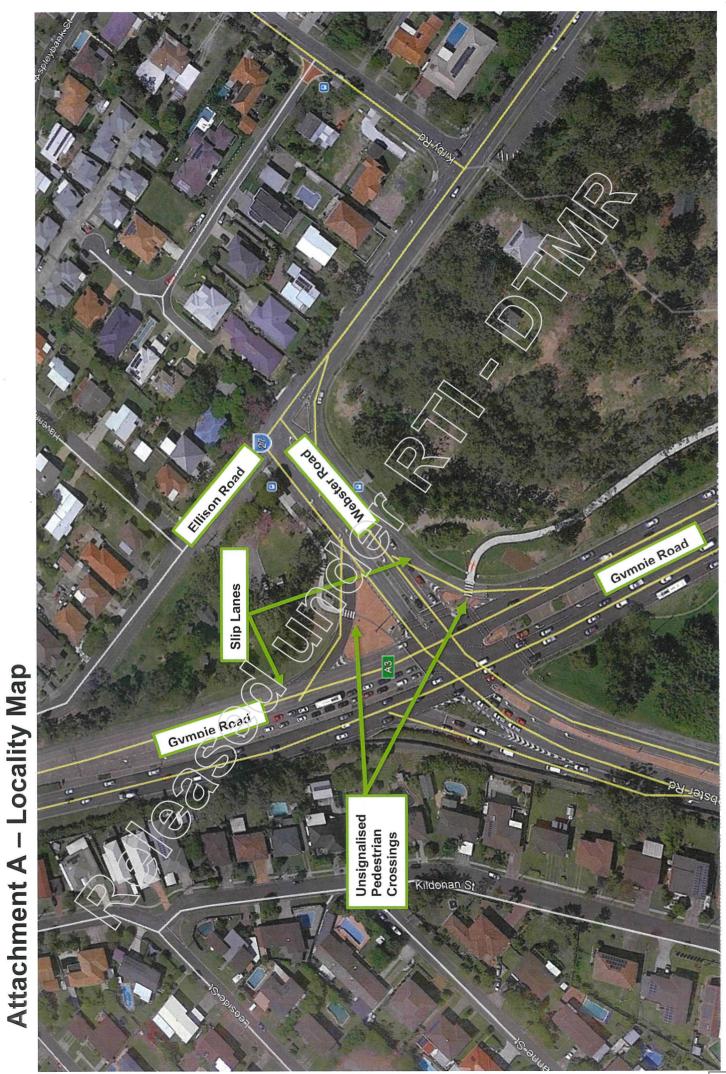
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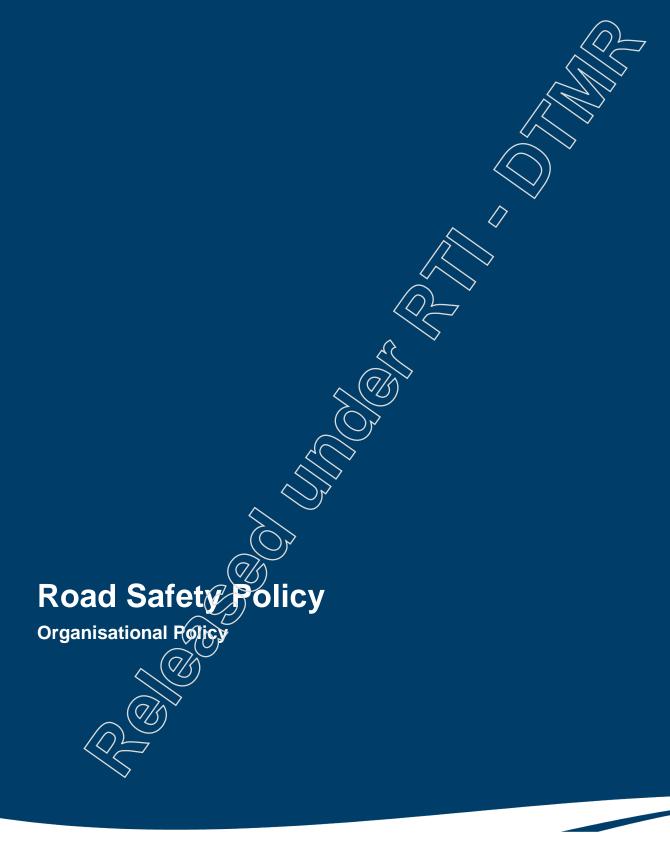
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Project Scope Identification - for an Infrastructure Type 3 project







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Document control options

Document control sheet

Contact for enquiries and proposed changes

Policy Owner	Dennis Walsh	General Manager, Land Transport Safety Branch	3066 3017
Policy Officer	Ann-Maree Knox	Executive Director, Safer Roads Infrastructure	3066 2301

Version history

		Changed by	
0.1	04/01/2018	Alex Pelevin	Initial Draft
0.2	23/01/2018	Simon Harrison	Review
0.3	25/01/2018	Deb Evans / Kelly Steen	Review/comment on draft
0.4	12/02/2018	Alex Pelevin / Peta Peterson	Incorporating review comments and checked against ISO39001
0.7	26/02/2018	Melissa Cummins	Transport Regulation Branch Review
0.8	01/03/2018	Peta Peterson	Formatting
0.9	19/3/2018	Ann-Maree Knox	incorporating comments from Julie Mitchell and Dennis Walsh
0.10	01/04/2018	Karin Cooke/Deboran Evans	Reviewed by Road Safety Policy team
0.11	13/04/2018	Peta Peterson	Updated for all comments
0.12	23/04/2018	Peta Peterson Simon Harrison	Dennis Walsh updated
0.13	25/05/2018	Ann-Maree Knox	Safe System working group review and endorsement of Interim Safety Standards.
0.18	23/07/2018	Alex Pelevin Simon Harrison Peta Peterson	General Managers review and sign off

Document sign off

This organisational policy is **approved** by:

Name	Neil Scales	
Position	Director-General (Transport and Main Roads)	
Signature	Neil Scales	7/Angent /18,
This organis	ational policy is endorsed by:	
Name	Mike Stapleton	
Position	Deputy Director-General (Customer Services, S	afety and Regulation)
Signature	Removed	Date 31/7 2018
This organis	ational policy is endorsed by:	
Name	Amanda Yeates	
Position	Deputy Director-General (Infrastructure Manage	ment and Delivery)
Signature	-	Date
This organis	ational policy is endorsed by:	
Name	Dennis Walsh	
Position	General Manager (Land Transport Safety)	
Signature	Remayed d	Date 30/7/18
This organis	ational policy is endorsed by:	
Name	John Oppes	
Position	A/Chief Engineer (Engineering and Technology)	
Signature	Remହvod 	Date 31/7/18
This organis	ational policy is endorsed by:	
Name	Anthony Philp	
Position	A/General Manager (Portfolio Investment and Pr	ogramming)
Signature	ନ୍ତମନ୍ତ୍ରବ୍ୟ ଧ୍ର 	Date 31/7/18-

This organisational policy is **endorsed** by:

Name	Andrew Mahon	
Position	General Manager (Trapsport Regulation)	
Signature		Date 3/7/18
This organis	ational policy is presented for approval by:	
Name	Ann-Maree Knox	
Position	Executive Director (Safer Roads Infrastructure)	
Signature	Removod	Date 30 7 · 18
	7	

Effective date

This policy will take effect from the date of approval by the Director-General.

Contents

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Scope	3
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Policy Statement

TMR will implement **safety standards** which will be actively applied in the planning and design of road infrastructure and operations projects, as detailed in Appendix A. These standards reflect default requirements to manage safety risk unless justification is documented in a design exception or planning report.

Projects will follow the **Safe Systems Project Management Control Checklist** (Refer Appendix B) and Austroads Safe System Assessment Framework across the planning, concept, development, implementation and finalisation phases before project management gating sign off and approval by Infrastructure Investment Committee, General Manager, Regional Director and District Director.

Background

The Queensland Government has a vision of zero road deaths and serious injuries as committed to in the Queensland Road Safety Strategy 2015-21 and National Road Safety Strategy 2011-2020. To achieve this vision the Department of Transport and Main Roads (TMR) Road Safety Policy commits the organisation to the adoption of Safe System principles, processes and practices.

Acknowledging that humans make mistakes¹ and there is a known physical limit to the amount of force our bodies can take before sustaining debilitating injury or death is the centre of the Safer System approach. The application of Safe System principles, processes and practices to the transport system accommodates the human condition.

The Safe Systems approach means we adopt safe system principles and apply safe system processes and practices across four pillars - Safe Roads and Roadsides, Safe Speeds, Safe Road Users and Safe Vehicles. This system is represented in the figure 1 below.

¹ In this conceptualisation, 'mistakes' excludes instances of deliberate, extreme risk-taking behaviour such as drink or drug driving, driving while using a mobile phone, driving without a seatbelt, riding a motorcycle without a helmet, and high range speeding.



Figure 1 The Safe System (Department of Transport and Main Roads QLD, unpublished, adapted from WA Government, 2008)

This policy will contribute towards the Queensland Government objective of 'building safe, caring and connected communities' and the related TMR strategy to 'protect, maintain and operate our network to ensure resilience and safety.'

The Road Safety Policy will focus attention on implementing Safe System principles, processes and practices that have the potential to contribute to better road safety outcomes. This will incorporate further embedding the Safe Systems approach in all TMR practices to maximise alignment with best practice road safety management.

Safety standards are being formalised as part of TMR's Safety Intervention and Investment Guidelines (SIIG) project. Interim safety standards are in Appendix A for immediate use until completion of the SIIG project.

Objective

The objective of this Road Safety Policy is to implement Safe System principles, processes and practices that will deliver reductions in the number of fatal and serious injury crashes on Queensland roads. This will contribute to moving towards the Queensland government's vision of zero road deaths and serious injuries and achieving the objective of building safe, caring and connected communities.

The objective of this organisational policy is to ensure TMR has a robust approach to road safety which enables:

- relevant TMR policies and strategies to prioritise the need to minimise crash severity outcomes through the Safe Systems approach,
- a holistic approach considering all four pillars working together as a system, not in isolation (refer figure 1),
- the proactive and continuous management of value across the transport infrastructure investment program to reduce fatalities and serious injuries on the State-controlled road network,

- TMR to influence road safety outcomes across the entire transport system through transport regulation, policy and program development, public education and engagement, grants programs, system monitoring and working with key partners such as QPS,
- the successful delivery of all TMR programs and projects with a focus on achieving safety outcomes
- the assessment of key road safety considerations and indicators consistently throughout all project phases (refer Appendix B).

Benefits

Implementing this Road Safety Policy will improve the safety of the transport network. There will be a reduced economic burden on the Queensland economy, and, more importantly, it will reduce the emotional and psychological harm that families and communities suffer when people are killed or seriously injured on Queensland roads.

The Safe Systems approach:

- provides a standardised structure to apply system level thinking that recognises the interactions between different components of the road system in influencing crash likelihood, risk and outcomes,
- provides a set of defined and reproducible processes designed to ensure that programs successfully
 deliver intended outcomes and benefits that reduce both the likelihood and severity of crashes when
 they do occur,
- takes a whole of road network and route level perspective, not just individual crash sites,
- recognises the importance of investing in our road network to specifically reduce or eliminate hazards and provide a more forgiving road environment, in the event that a pillar of Safe System fails.

Scope

The Safe Systems approach applies to the road system and its interaction with people, within the wider transport and land use system.

Its primary aim is to provide direction for TMR's organisational setting, business processes and implementation of related projects and transformational organisational and research activities that achieve safety outcomes and benefits of strategic importance, ultimately realising the Queensland Government vision of zero road deaths and serious injuries.

Applicability

ISO 39001 – Road Traffic Safety (RTS) Management System and the Austroads Safe Systems Framework with its principles and processes provide practicable mechanisms to guide TMR's implementation of the Safe Systems approach to reduce the incidence and risk of death and serious injury related of crashes. This standard identifies elements of good road safety management practice, focusing on road safety management objectives and targets, and guides the planning of activities that will help realise road safety goals by using a Safe System approach.

The implementation of the Safe Systems approach is relatively new in TMR and therefore shall be scalable in its application as appropriate across:

- TMR supported departmental programs and projects focussed on delivering the safety outcome that no individual road user is exposed to crash forces that would lead to fatal and serious injury outcomes,
- road network design improvements, in conjunction with posted speed limits, to provide an appropriate level of protection offered by the road environment,
- the enhancement of policy, regulation and legislation as it relates to road users, road access and vehicle safety,
- the development of public education and engagement strategies,
- TMR's corporate policies, procedures and standards, with resulting actions to address risks and opportunities.

The short to medium term focus of the Safe Systems approach is:

- implementing the Road Safety Action Plan that reaffirms Queensland Government commitment to the principles of the Safe System,
- developing a TMR Road Safety Management Plan (RSMP), supported by the Executive Leadership Team (ELT), actively considering or working towards certification under ISO 39001.

Note the Safe Systems approach does not replace the need for:

- complementary programs such as High Risk Roads, international Road Assessment Program (iRAP) or Australian Road Assessment Program (AusRAP),
- program and project management processes, such as OnQ Project Management Methodology and the Project Assessment Framework (PAF),
- Road safety audits.

Examples of work currently underway and future opportunities to actively manage the road safety risk on the network is detailed in Appendix C.

Performance Evaluation

TMR will monitor the implementation of this policy to determine if Safe Systems is being integrated throughout TMR processes, policies and practices by:

- undertaking periodic internal audits for compliance checks,
- continuing to measure performance factors and monitoring systems,
- implementing safety assurance processes for road projects to implement the RSMP.

Rationale

TMR uses an integrated approach to improving road safety in Queensland.

This policy aims to ensure Departmental Policies and Standards incorporate road safety where relevant.

Implementation of the Safe Systems approach through TMR is overseen by the Safe System Steering Committee. This steering committee is to have members across TMR divisions.

Safe System processes should be embedded as business as usual activities, and aim to achieve the best possible short and long term safety outcomes from road transport investments.

Safe Systems for delivery programs enables a strong focus across Program Delivery & Operations (PDO) to drive continual improvement in safety outcomes and deliver value for money transport system improvements.

Consultation

This policy was updated with input from key TMR stakeholders representing the following business areas in:

- Land Transport Safety Branch in Customer Services, Safety & Regulation Division
- Transport Regulation Branch in Customer Services, Safety & Regulation Division
- Portfolio Investment and Programming Branch in Policy, Planning and Investment Division
- Engineering and Technology Branch in Infrastructure, Management and Delivery Division
- Program Management and Delivery, Program Delivery and Operations (PDO) Branch.

Review

The Land Transport Safety Branch provides the governance of Safe Systems committees, provides progress reports of the RSMP to the ELT and is the custodian of this organisational policy. The Executive Director (Safer Roads Infrastructure) is the functional owner of this organisational policy and its application to transport infrastructure investments.

Safer Roads Infrastructure within the Land Transport Safety Branch is responsible for updating and maintaining this organisational policy.

The short to medium term focus applicability provided in Applicability section of this policy is subject to update at its next review.

The policy will be reviewed three years from the date of approval, or as Government objectives shift and further research evolves.

Appendix A: Safety Intervention and Improvement Guidelines (Interim)

- Interim Safety Standards are for new and upgraded infrastructure and operations.
- Road safety infrastructure and facilities will be planned, designed and constructed so they are fit for purpose and deliver realisable benefits.
- Projects undertaken with appropriate consultation and take into account safety considerations and competing priorities.
- These Interim Safety Standards will be updated when the Safety Intervention and Improvement Guidelines project is complete.

The following Interim Safety Standards are default requirements unless justification is documented in a planning report or design exception. They are based on addressing safety issues on Queensland's road network with proven countermeasures that are considered good practice in the design and construction of safer road infrastructure to proactively reduce the risk of fatal and serious injury crashes.

Safety Issue	Safety Standards
Motorcyclists	All new installations of road safety barriers (and terminals) shall be fitted with motorcyclist injury countermeasures (such as underrun) suitable to the barrier type.
Vulnerable users	In all urban environments and where demand exists or may develop in a rural environment, projects will include provisions for pedestrians, cyclists and people with a disability, including footpaths and crossings. Appropriate speed limits in areas of high pedestrian and cyclist use as per MUTCD Part 4.
Intersection – Pedestrian	Pedestrian crossings to be provided on all approaches at signalised intersections. Pedestrian crossing protection (delayed start to vehicle movements) is required.
Intersection - Pedestrian	Unsignalised left turn slip lanes should generally be avoided at intersections unless signalised with pedestrian protection.
Intersection - Urban	New and upgraded signalised intersections must have protected right turn lanes on the major road. Filtered green arrows for right turns to be excluded unless justified through a risk assessment.
Intersection - Rural	Auxiliary Right Turn Lanes will be replaced with at least a CHR(s).
Intersection - Rural	Where a high volume of left turning traffic is present on high speed rural roads, sight lines must not be obscured for traffic entering from the minor road. Depending on sight lines and traffic volumes, left turn lanes may need to be repositioned or channelised. Side road throat widths should be considered for widening to allow Stop/Give way lines to be brought as far forward towards edge of shoulder as possible, with appropriate sealed area for design vehicle turning path.
Head on - Rural	Rural roads with AADT greater than 4,000 vehicles per day should have a wide centreline and ATLM.
Head on – All Roads	For all divided roads with posted speed greater than or equal to 80km/hr, medians will be clear of all hazards unless protected by roadside barrier.
	For all divided roads with posted speed greater than or equal to 80km/hr with AADT greater than 10,000 vehicle per day, physical separation by median barrier is required.
Run off road - Rural	Audible Tactile Line Marking (ATLM) will be installed on edge lines and centre lines on all rural roads with sealed shoulder greater than 0.5m and a history of fatigue related crashes.
Line marking – All Roads	All new permanent line marking shall be cold applied plastic.
Rest Areas and Stopping Bays	On rotal roads, ensure there are stopping bays every 30km. Rest areas to be provided every 80km.
Enforcement	On all motorway upgrades, provision must be made for speed enforcement. In particular, the works must design to

accommodate:

- Point to point camera infrastructure, including provision of footings with associated structures and electrical supply, suitably placed for enforcement during operation.
- Provide for the construction of enforcement pads/bays for use by mobile speed camera vehicles/trailers encompassing electrical power supply with concrete base at appropriate locations during and at the completion of construction.

Appendix B: Safe System Project Management Control Checklist

Safe Systems Project Management Control Checklist

For Major, OnQ Type 1, 2 and 3 projects

Control objective: To prompt the Project Manager as part of the project management processes on Safe Systems. Further guidance is provided in the Austroads Safe System Assessment Framework (AP-R509-16) as a tool with specific references below. The following checklist should be considered as site specific for a project across the planning, concept, development, implementation and finalisation phases before project management gating sign off and approval by DG/GM/Regional/District Director.

	Planning Concept Development Im Phase Phase Phase	plementation Phase	Finalisation Phase
Pre	epared by ² Checked by ³		Date
	oject name Project number		
Pro	oject Management Phase: Strategic Concept Development if	nplementation	nalisation
A. S	Setting the Context – applicable to all project phases	Y /N⁴	Comments
	What are the reasons for the project and problems? Is there a specific crash t risk? What are the causal factors and how is it proposed to be addressed? Im		
	to differentiate between fatalities, serious injury and other crash types.		
	Is the project addressing specific issues such as poor speed limit compliance		
	access, congestion, future traffic growth, freight movement, accessibility ⁵ and vulnerable road users, community concerns, maintenance / asset renewal, ar		
	on?		
	Further reference: Austroads Ref 4.3 (project objectives, performance requirements, pr definition, scope)	roject	
	What is the function of the road? Consider location, roadside land use, area t		
	speed limit, presence of parking, public transport services and vehicle flows. I traffic features exist nearby (for example, upstream and downstream)? What	What	
	alternative routes exist?		
	Austroads Ref 4.3 (project objectives, performance requirements, project definition, sco What is the operating speed? What is the current speed limit? Has it changed		
	recently? Is it similar to other roads of this type?		
	Has lowering the speed limits at this location and across the overall link been considered?		
	Austroads Ref 4.3 (project objectives, performance requirements, project definition, sco	ope)	
	TMR Road Planning and Design Manual		

² To be completed by the Project Manager

³ To be checked by the Project Director

⁴ If yes, documentary evidence must be made available to the Region/District Director

⁵ Includes wheelchair and mobility scooters

4.	What road users are present? Consider the higher likelihood of elderly, school children, accessibility needs and cyclists. Also note what facilities are available to vulnerable road users (for example pedestrian facilities at signalised crossings,		
	bicycle lanes, school zone speed limits, and so on). How will this project protect		
	vulnerable users and cater for accessibility needs?		
	Austroads Ref 4.3 (project objectives, performance requirements, project definition, scope)		\frown
	TMR Road Planning and Design Manual		
5.	How does this project strategically fit within the overall network / link strategy		
	objectives?		
6.	What is the vehicle composition? Consider the presence of heavy vehicles (and what		
	type), motorcyclists and other vehicles using the roadway.		
	A set of a Date of a construction of the set		
7	Austroads Ref 4.3 (project objectives, performance requirements, project definition, scope)		<u> </u>
7.	Has a site visit been undertaken with consideration of key times for inspections (for		~
	example, daytime versus night time)? Has a Site Visit Checklist been completed –	$\langle \langle \rangle \rangle$	
	See Annexure A.		
8.	Has consultation been undertaken with key internal and external stakeholders, as to	\sim	
	potential impacts of the project scope?	$\langle \rangle$	
	OnQ Scope Management (for example: customer, traffic, planning, community, police, industry,	ř.	
	emergency services, service authorities)		
9.	Has a safety audit for the existing conditions of the road been completed?		
4.0			
10.	Has the "customer" agreed with the preferred solution?		
	OnQ Customer Definition.	I	
Sel	ect the category below related to the current project phase.		

в.	Strategic Planning: preparation and presentation	Y/N^Error! Bookmark not defined.	Comments
1.	Has the planning study brief considered the above Safe Systems Context?		
2.	 Has the planning study evaluated road safety data, crash reports and/or safety toolkits? Options include: Webcrash/Roadcrash2 - number and type of casualty crashes for past 5 years QRAM - accessed from the Land Transport Safety sharepoint for historical road crash data and crash risk. List of High Risk Roads - Land Transport Safety sharepoint site. Historical road safety audits, fatal crash reports (available in Pursuit) and speed limit reviews (Q-Limits). Consideration of vulnerable road users and accessibility issues. 		
3.	 Does the study recommend further projects with primary and supporting treatments that reduce the consequence or severity of crashes (actual and/or potential)? Options include: Austroads Guide to Road Safety: Part 1 Road Safety Overview. (AGRS01-13), Part 2 Crash Risk Mitigation (AP=T147-10), Part 8: Treatment of Crash Locations (AGRS08-15) TMR Crash Reduction Factor (CRF) matrix iRAP Road Safety Tpolkit (http://toolkit.irap.org) 		
4.	Has the planning study broken down possible treatments that, while encouraging transport users to be alert and compliant, also aims to reduce the severity of crashes through protective infrastructure treatments, speed reductions and vehicle / safety features?		
5.	Has the completed planning study / report addressed the outcomes of the considered Safe Systems Approach?		

c.	Concept Phase – up to approved Business Case	Y/N ^{Error!}	Comments
		Bookmark not	\bigcirc
		defined.	
1.	Review the previous stage - Strategic Planning Safe Systems checklist. Have there		$\langle \rangle \rangle$
2	been any changes which impact the crash risk of the project?	/-	
2.	In the Project Proposal Report, or Strategic Assessment of Service Requirements,		
	has the study documented the service need, their relative importance and		
	stakeholder information that includes a Safe System approach? Have accessibility requirements been considered in the context of road safety?		
	requirements been considered in the context of road safety?		\sim
3.	Has the Project Proposal Report recommended sufficient funding and time to plan and analyse the Safe Systems measures and concept design in the Options Analysis and Business Cases?		
4.	In the Options Analysis, or Preliminary Evaluation, has the risk management		
4.	approach been used to identify and refine options taken into account the Safe	\bigvee	
	System matrix?		
	Austroads Safe System matrix assesses the exposure, likelihood and severity related to:		
	• Run-off-road		
	Head-on		
	Intersection Other		
	Other Pedestrian		
	Cyclist		
	Motorcyclist		
	Additional Safe System components related to road user, vehicle and post-crash		
	care. Also consider accessibility requirements as part of the options.		
5.	Has the Options Analysis evaluated road safety data, crash reports and/or safety		
0.	toolkits? Do these options link back to the strategic network context?		
	Review Strategic Planning study of the following items and update as required:		
	 Webcrash/Roadcrash2 - number and type of casuality crashes for past 5 years 		
	QRAM - accessed from the Land Transport Safety sharepoint for historical road crash		
	 data and crash risk. List of High Risk Roads - Land Transport Safety sharepoint site. 		
	 Historical road safety audits, fatal crash reports (available in Pursuit) and speed limit 		
	reviews (Q-Limits).		
6.	Do the preferred option and reference layouts have primary and supporting		
	treatments that reduce the consequence or severity of crashes (actual and/or		
	potential)?		
	Options include:		
	 TMR Road Planning and Design Manual Austroads Guide to Road Safety: Part 1 Road Safety Overview. (AGRS01-13), Part 2 		
	Crash Risk Mitigation (AP-T147-10), Part 8: Treatment of Crash Locations (AGRS08-		
	15) (9)		
	TMR Crash Reduction Factor (CRF) matrix		
7	In the business area has the concent design of the preferred antian taken into		
7.	In the business case, has the concept design of the preferred option taken into account Safe Systems Approach?		
	 account Safe Systems Approach? Adequate coverage of Safe Systems in concept design 		
	 Develop the preferred solution 		
	Safety Audit to identify areas where proposed design has potential to compromise road		
	user safety and operational performance		
	 Planning report High Risk Road check (if applicable) 		
8.	High Risk Road - In addition to the general procedure above, check if the subject		
0.	road section is listed as a High Risk Road. If it is, follow the HRR Project		
	Development Guidelines by undertaking a Safety Risk Assessment (SRA) and		
	options analysis to develop safety improvements.		
L	טרוטיוס מומויסטי נט טביבוטף סמובני ווויףוטיפוווכוונס.	1	1

9.	Solution Check: Review of objectives of the project? Review of objectives of the		
	network? Have the best safety outcomes been achieved within the context of the		
	site, initial budget and planning? Check that accessibility and vulnerable road user		
	requirements for road safety adequately addressed and resolved?		
10.	Has an appropriate risk reduction technique been used that incorporates Safe		
	Systems approach?		
Ris	k workshop, review past documents, past experiences		
11.	Has the OnQ Project Plan (part of the OnQ Business Case) incorporated sufficient		
	funding and time to design and implement the Safe Systems measures?		
		5	
12.	Have safety objectives been considered in the planning of the economic analysis for		
	the project? Have regulatory measures such as reduced speed limits been		\sim
	considered in the base case for the project?		
13.	Have the financial allowances made against safety risks and their treatment been		
	used to determine the appropriate contingency allowance?		
	TMR Project Cost Estimating Manual (PCEM) Ref Chapter 10.		
<u> </u>		~	
14.	Does the estimate allow for unmeasured, unidentified safety items?	\mathcal{O}	
	TMR Project Cost Estimating Manual Ref CI 10.8.9 (detailed design: 1-3%, business case: 3-		
	5%, strategic: 5-7% of the construction cost)		

D.	Development Phase – OnQ Project Plan, Detailed Design and Procurement	Y/N^Error! Bookmark not defined.	Comments
1.	Review the previous stage – Concept Phase safe systems checklist.		
	Have there been any changes which impact the crash risk of the project?		
2.	 Have the Preliminary and Detailed Designs incorporated the Safe Systems Approach? Key checks across: Detailed planning (such as environmental approvals, land acquisition, community consultation) Design (such as field studies, preliminary / detailed design, quantity estimates) Road Safety Audit Report (with emphasis on Geometric Design) is required to be produced at the Design Development and Detailed Design milestones. Full project review should be conducted at the same time as the road safety audit. Also check that accessibility requirements and provisions for vulnerable road users have been incorporated into the designs. 		
3.	Consideration of "safety expertise" for implementing specialist safety measures		
	within the procurement requirements of contractors (if applicable).		

 Consideration of "safety expertise" for implementing specialist safety measures within the procurement requirements of contractors (if applicable). 		
E. Implementation Phase	Y/N ⁶	Comments
 Have there been any changes to the scope of the project which does not align with the safe system approach? 		Comments
F. Finalisation Phase	Y/NError!	Comments

F. Finalisation Phase	Y/N Error! Bookmark not defined.	Comments
1. Has a review been undertaken over whether the Safe Systems measures have been successful?		

⁶ If yes, documentary evidence must be made available to the Region/District Director

2.	Residual Extended Design Domain (EDDs) and design exceptions handed over to	
	the Project Customer to ensure safety measures are implemented in ongoing	
	operations and maintenance plans?	

G.	Gating : review and approvals	Y/NError! Bookmark not defined.	Comments
1.	Has the project manager reviewed the adequacy of the safety measures carried out to date prior to submitting for peer review?		
2.	For all projects : Has a peer review been undertaken? Who did the peer review? Is there written evidence of their feedback/recommendations? If so, have those recommendations been actioned to the reviewer's satisfaction?		
3.	For projects \$50M or greater: where applicable, has an independent safety review been undertaken? Who did it? Is there written evidence of their feedback/recommendations? If so, have those recommendations been actioned to the reviewer's satisfaction?	2	
4.	Has the Project Customer signed off Gate submission (Summary) and (Approval) forms?		

□ Satisfactory (expected process controls are in place and used satisfactorily)

Unsatisfactory (attach details of any controls that in your opinion are not in place and/or are not used satisfactorily)

 \Box Approved \Box Not approved

Signature.....

Date

Appendix C: Current Work and Future Opportunities

Examples of work currently underway and future opportunities include:

- Incorporating Safe System Assessment Framework in all stages of road infrastructure program and project development as endorsed by Senior Responsible Owners of Investment Programs
- Introducing up to date road safety metrics into investment guidelines so that the required safety outcomes can be better defined in the early planning stages of infrastructure projects
- A focus on wide spread implementation of road safety outcomes of the program
- Leading research into innovative road safety initiatives and fast tracking these innovative treatments into TMR guides and practice
- · Policies and practices that support lower vehicle speeds where risk is high
- Policies and practices to protect road workers and the travelling public at road work sites
- Trialling and piloting of new co-operative and automated vehicle technologies to enable early adoption and deployment.
- Continued policy development in all areas that support further protection of vulnerable road users, including pedestrian protection signals and new road rules where required
- Regulating access to the network through vehicle registration, driver/rider licensing, vehicle standards and safety inspection programs and road user behaviour.
- Recognising competing priorities should be evaluated to maximise the safety of all road users
- Implementing measures which are proven to influence road user behaviour and attitudes especially high risk behaviours such as drink and drug driving, speeding, driver fatigue, non-seat belt wearing and distracted driving.
- Committing to being an exemplar organisation for road safety through our commitment to the workplace, health and safety of our staff.
- Delivering and evaluating public education campaigns and community engagement in concert with policy and engineering initiatives.
- Ensuring supportive whole of organisation policies and strategies are in place.

Sina Z Louei

From:	Peter N Calligeros	
Sent:	Monday, 29 March 2021 3:11 PM	
То:	Ram Ramachandran; Wanniarachchige J Wanigasekera; Tyson R Collings; Gary M Crocker; Sina Z Louei	
Cc:	Colin J Campbell; Michael R O'Shea	
Subject: Hi Ram / Sina,	Re: 1928208 - Gympie/Webster Road Project - Signalised Traffic Light for Pedestrians	
I will be NR	Michael O'Shea will be relieving NR	
Sent from my Samsung Mobil Get <u>Outlook for Android</u>	e on the Telstra Mobile Network	

From: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>

Sent: Monday, March 29, 2021 12:20:42 PM

To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; Wanniarachchige J Wanigasekera <Jagath.wanigasekera@tmr.qld.gov.au>; Tyson R Collings <Tyson.R.Collings@tmr.qld.gov.au>; Peter N Calligeros <peter.n.calligeros@tmr.qld.gov.au>; Gary M Crocker <gary.m.crocker@tmr.qld.gov.au>

Cc: Colin J Campbell <Colin.J.Campbell@tmr.qld.gov.au>

Subject: 1928208 - Gympie/Webster Road Project - Signalised Traffic Light for Pedestrians **When:** Tuesday, 6 April 2021 9:30 AM-11:00 AM.

Where: Intersection of Gympie Road and Webster Road - see map provided below

Hi Team,

What?

- The site inspection for 1928208 Gympie/Webster Road Project has been scheduled prior to commencement of design phase.
- Scope of works:
 - Traffic control for duration of the works
 - o Design and installation of signals and appropriate signage and line marking
 - Supply and installation of conduits, conduits fittings, detector loops and power cables underground
 - Design and construction of traffic signal footings

When?

- 6 April 2021 (next Tuesday) at 09:30AM to 10:30AM
- Please note that with the current situation with COVID lockdown, this inspection might be rescheduled (I will update you early next week based on government announcements).

Where?

- See map below for more information
- Please arrange for your transportation to site with respect to current restriction in place.



Look forward to meeting you on site next week.

Please let me know if you have any queries.

Sina Louei

Engineer (Civil) | Metropolitari Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division Department of Transport and Main Roads Floor 15 | Adelaide Street | Brisbane QLD 4000 PO Box 70 | Spring Hills QLD 4000 P: (07) 3347 5263 E: Sina.Z.Louei@tmr.qld.gov.au | W: www.tmr.qld.gov.au E: Sina.Z.Louei@tmr.qld.gov.au | W: www.tmr.qld.gov.au Customers first @ Ideas Into action @ Unleash potential @ Be courageous @ Empower people @ Queensland Greet state. Great opportunity.

Page Number: 37 of 333

From:	Colin J Campbell
Sent:	Monday, 29 March 2021 11:29 AM
То:	Sina Z Louei
Subject:	FW: Design Brief: Gympie Rd/Webster Rd Intersection - Signalised Slip lane
Subject:	FW: Design Brief: Gympie Rd/Webster Rd Intersection - Signalised Slip lane

Hi Sina,

Would Tuesday of next week in the am be good for a site visit to Stafford and Webster?

If you have any questions, please contact me on the below numbers for assistance.

Colin Campbell

Principal Designer (Civil) | Metropolitan Region / Technical Services **Program Delivery and Operations** | Infrastructure Management & Delivery | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 (07) 3066 5558 colin.j.campbell@tmr.qld.gov.au www.tmr.qld.gov.au

From: Ho Y Lam <Ho.Y.Lam@tmr.qld.gov.au>
Sent: Tuesday, 23 March 2021 2:26 PM
To: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>
Cc: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@trnr.qld.gov.au>; Colin J Campbell
<Colin.J.Campbell@tmr.qld.gov.au>
Subject: RE: Design Brief: Gympie Rd/Webster Rd Intersection - Signalised Slip Iane

Hi Sina,

As discussed, Colin will be the project manager for this project.

Colin will liaise with the design team to see the best time for site visit (this week/next week) and then let you know. Please feel free to cc me in the correspondences.

Please let me know if you have any questions.

Thanks.

Regards,

Ho-Yee Lam

Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 M: NR ho.y.lam@tmr.qld.gov.au www.tmr.qld.gov.au



Don't touch the button, elbow bump it instead!



Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Sent: Monday, 22 March 2021 5:43 PM
To: Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>>; Metropolitan DS <<u>Metropolitan_DS@tmr.qld.gov.au</u>>
Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>
Subject: Design Brief: Gympie Rd/Webster Rd Intersection - Signalised Slip Iane

Hi Ho and DS team,

Please see below draft design brief for design of signalised slip lane Gympie Rd/Webster Rd Intersection (52-0195633.C.DE.4.8):

Proposed works:

Install new pedestrian signals on the slip lanes located at Gympie Rd/Eilison Rd Intersection, which includes;

- Traffic control for duration of the works
- Design and installation of signals and appropriate signage and line marking
- Supply and installation of conduits, conduits fittings, detector loops and power cables underground
- Design and construction of traffic signal footings

Scope for Design Team:

- Produce engineering drawings which include locality plans and proposed location for the signals the requirements outlined in the Project Scope Identification Report (attached)
- A pre-start meeting on site to finetune the scope and finalise the technical solution (if required).
- Keep the site impact at minimum level and utilise existing (where possible).
- Reflect government policies, meet legislative requirements and TMR standards.
- Record any EDD and / or DE and prepare a report (if required).
- Conduct safety in design check.
- Produce the schedule of works.
- Finalise design development report.

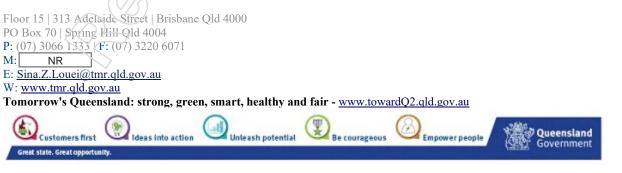
Please let me know if you have any queires.

Kind Regards,

Sina Louei

Engineer (Civil) | Metropolitan Region

Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads



Page Number: 39 of 333

From:	Matthew A Baylis
Sent:	Monday, 22 March 2021 8:58 PM
То:	Ram Ramachandran
Cc:	Sang V To; Pinak H Dholakia; Sina Z Louei; Abu Sayeed S Choudhury
Subject:	RE: Design and construction signalised crossings at Webster Road, Aspley
	\frown

No problem Ram,

We will get onto this one as a priority

Kind regards,

Matt Baylis

A/Senior Project Manager (Electrical and ITS) | Brisbane Operations Unit **RoadTek South** | Infrastructure Management & Delivery | Department of Transport and Main Roads

10 Oregon Street | Hemmant Qld 4174 (07) 55613861 | M: NR

matthew.a.baylis@tmr.qld.gov.au www.tmr.qld.gov.au

----- Original message ------

From: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>

Date: 22/3/21 8:56 pm (GMT+10:00)

To: Matthew A Baylis <Matthew.A.Baylis@tmr.qld.gov.au>

Cc: Sang V To <Sang.V.To@tmr.qld.gov.au>, Pinak H Dholakia <Pinak.H.Dholakia@tmr.qld.gov.au>, Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>, Abu Sayeed S Choudhury <AbuSayeed.S.Choudhury@tmr.qld.gov.au> Subject: RE: Design and construction signalised crossings at Webster Road, Aspley

Hi Matt and Sang

Please give higher priority for this project compared to NR

Kind Regards

Ram Ramachandran Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 1333 | F: (07) 3220 6071 M: NR

E: ram.z.ramachandran@tmr.qld.gov.au

W: <u>www.tmr.qld.gov.au</u>

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-----Original Message-----

From: Matthew A Baylis <Matthew.A.Baylis@tmr.qld.gov.au>

Sent: Monday, 22 March 2021 3:45 PM

To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; Ho Y Lam <Ho Y.Lam@tmr.qld.gov.au> Cc: Sang V To <Sang.V.To@tmr.qld.gov.au>; Pinak H Dholakia <Pinak.H.Dholakia@tmr.qld.gov.au>; Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>

Subject: RE: Design and construction signalised crossings at Webster Road, Aspley

Ram,

The timeline stated below is suitable. As mentioned we have quite a bit on but will massage our works program to suit.

Kind regards,

Matt Baylis

A/Senior Project Manager (Electrical and ITS) | Brisbane Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

10 Oregon Street | Hemmant Qld 4174

(07) 55613861 | M: <u>NR</u>

matthew.a.baylis@tmr.qld.gov.au www.tmr.qld.gov.au

-----Original Message-----

From: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>

Sent: Monday, 22 March 2021 12:46 PM

To: Matthew A Baylis <Matthew.A.Baylis@tmr.qid.gov.au>; Ho Y Lam <Ho.Y.Lam@tmr.qld.gov.au>

Cc: Sang V To <Sang.V.To@tmr.qld.gov.au>, Pinak H Dholakia <Pinak.H.Dholakia@tmr.qld.gov.au>; Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>

Subject: RE: Design and construction signalised crossings at Webster Road, Aspley

Hi Matt

We need to advise the RD when this construction can be completed.

It is expected the design drawings and a schedule of quantities will be ready by end of April

If you take one week for pricing and we take one week for financial approval after that, can you please advise if you can complete the works between mid May and end June please.

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 1333 | F: (07) 3220 6071 M: NR

E: ram.z.ramachandran@tmr.qld.gov.au

W: <u>www.tmr.qld.gov.au</u>

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-----Original Message-----

From: Matthew A Baylis < Matthew.A.Baylis@tmr.qld.gov.au>

Sent: Monday, 15 March 2021 1:16 PM

To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; Ho Y Lam <Ho.Y.Lam@tmr.qld.gov.au> Cc: Sang V To <Sang.V.To@tmr.qld.gov.au>; Pinak H Dholakia <Pinak.H.Dholakia@tmr.qld.gov.au> Subject: RE: Design and construction signalised crossings at Webster Road, Aspley

Hi Ram,

Please find a cost estimate for the works described attached.

I have also included a simple marked up plan showing what we based the price on. I have also included lump sums for the line marking and the signage in our estimate.

Please let me know if you need anything further.

Kind regards,

Matt Baylis

A/Senior Project Manager (Electrical and ITS) | Brisbane Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

10 Oregon Street | Hemmant Qld 4174 (07) 55613861 | M: _____NR____

matthew.a.baylis@tmr.qld.gov.au <u>www.tmr.qld.gov.au</u>

-----Original Message-----

From: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au> Sent: Thursday, 11 March 2021 1:41 PM

To: Matthew A Baylis <Matthew.A Baylis@tmr.qld.gov.au>; Ho Y Lam <Ho.Y.Lam@tmr.qld.gov.au> Cc: Sang V To <Sang.V.To@tmr.qld.gov.au>; Pinak H Dholakia <Pinak.H.Dholakia@tmr.qld.gov.au> Subject: FW: Design and construction signalised crossings at Webster Road, Aspley

Hi Matt

We need to install ped signals on the slip lanes at the above intersection (location is in the aerial photograph) before end of this FY

Can you please give approx. estimate for this work by early next week.

No civil works are involved but there will be some line marking (Stop line and so on)

Ho Yee

Can you please provide an estimate for the design work of the ped signals at the location where current pram ramps are situated. You can assume no civil works except line mark.

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004

P: (07) 3066 1333 | F: (07) 3220 6071

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E: ram.z.ramachandran@tmr.qld.gov.au

W: www.tmr.qld.gov.au

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-----Original Message-----

From: Junwei Ang <Junwei.Ang@tmr.qld.gov.au>

Sent: Thursday, 11 March 2021 11:42 AM

To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>

Cc: Jeffrey J Weeks <Jeffrey.J.Weeks@tmr.qld.gov.au>; Imtiaz M Abdui <imtiaz.m.abdul@tmr.qld.gov.au>; Bernard W Tham <Bernard.W.Tham@tmr.qld.gov.au>; Peri Konesh <Peri.Z.KONESHAMOORTHY@tmr.qld.gov.au> Subject: Design and construction signalised crossings at Webster Road, Aspley

Hi Ram,

As discussed briefly yesterday, DRD had requested we provide him with a high level cost estimate to design and build 2 signalised slip lanes at the Webster Road / Gympie Road intersection for it to meet the TMR Road Safety Policy.

The intent is for TMR to construct the crossing by the time BCC has completed their construction for the bikeway which is currently scheduled to commence shortly for completion by 30/6/2021.

I have requested BCC provide us their latest plans to show all works in that area but for now, can you use the attached annotated plan from DRD to progress the high level cost estimate. For this current exercise, please assume minimal works by BCC other than to widen the existing ped path to a 3m wide shared path which we would connect into on the N/E quadrant and for us to connect to existing on the S/E quadrant. Please provide the high level estimate asap so we can formalise the funding arrangement for design and construction with DRD and RD.

Do you want to add this in the RoadTek MOA list as a last minute addition?

Thanks!

Kind Regards,

Junwei Ang

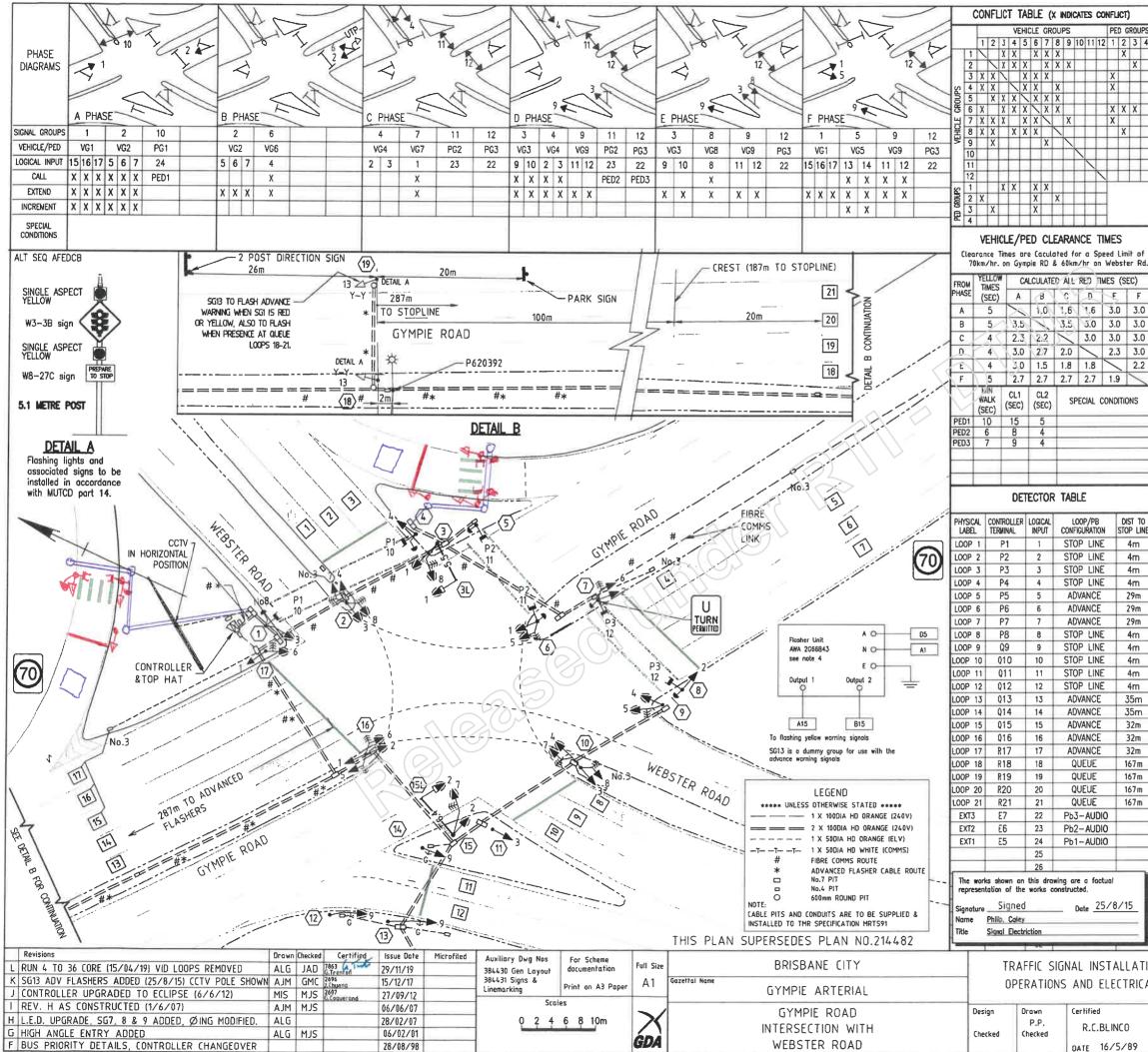
Principal Engineer | Metropolitan Region / Brisbane Office Program Delivery & Operations Branch | Infrastructure Management & Delivery | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane City Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 4181 E: junwei.ang@tmr.qld.gov.au W: <u>www.tmr.qld.gov.au</u> -----Original Message-----From: ADOC15-PRN02 <ADOC15-PRN02@tmr.qld.gov.au> Sent: Wednesday, 10 March 2021 5:58 PM To: Junwei Ang <Junwei.Ang@tmr.qld.gov.au> Subject: Scanned Document

Number of Images: 1 Attachment File Type: PDF

Device Name: ADOC15-PRN02 Device Location:

m	Description	Unit	Quantity	Unit Cost	Total
	Traffic Control				
	Provision for traffic	Nights			
	Identifying and managing asbestos on Site [where required]	LMP			
	Service Location	Nights		\frown	
	Site Surveying and Set Up Policing	Nights Nights		(\cap)	
	Site facilities	Imp			
				\bigcirc	>
	Conduit and Conduit Fittings Underground		~	$\left(V\right) ,$	
	Supply and Installation on [1] of [80]mm [PVC][electrical] Conduit(s), in Verge	m		$\sim \sim \sim$	
	Supply and Installation on [1] of [80]mm [PVC][electrical] Conduit(s), in Concrete	m		\frown	
	Supply and installation of [2] of [100] mm, [PVC], [electrical] conduit(s), in [verge]	m		\searrow	
	Supply and installation of [2] of [100] mm, [PVC], [electrical] conduit(s), in [Concrete]	m		\sim	
11	Supply and installation of [3] of [100] mm, [PVC], [electrical] conduit(s), in [Road Crossing]	m	$ \land \land$	>	
	Cable Jointing Pits				
	Supply and installation of cable jointing pit [circular electrical]	ea	()		
	Construction of pit surround	ea	\mathbb{N}		
	Conformance and As Constructed survey for pits	ea	N7		
14					
	Traffic Signal Footings	17			
	Traffic signal post footing	ea			
	Conformance and As Constructed survey for depth of footing	ea			
	As Constructed survey for traffic signal post footing	ea			
		1			
	Traffic Signal Posts and Mast Arms			CTPI	
18	Supply and installation of traffic signal post, [4.1] metres long, [without] hinged baseplate	ea			
	Traffic Signal Lanterns	-			
	Supply and installation of [ground mounted] traffic signal lantern, [LED], [3] aspect, [200] non aspect diameter,				
	and (single) target board	ea			
	Supply and installation of [ground mounted] Ped Lantern LED	ea			
	Supply and Installation [ground mounted] Audio Tactile Push Button Supply and Installation of Finials	ea ea			
22		ca			
	Detector Loops				
	Supply and installation of vehicle detector loops	ea			
	Modification to existing traffic signal controller, [M1119], [Gympie Rd Intersection with Webster Road]	LMP			
	Supply and installation of Personality EPROM	ea			
	Commissioning and testing of Personality EPROM	LMP			
	Line marking and signage				
27	Stop bars	LMP			
28	Signage	LMP			
	Power Cables				
	Supply of traffic signal cable, [-], [36] cores, [PVC], [PVC], [Cu]	m			
	Supply feeder loop cables	m			
	Installation, jointing and termination of traffic signal cable, [36core]	m			
32	Installation, jointing and termination of loop detector cable, [2core]	m		Total	\$107.22
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Page Number: 46 of 333

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From: Ram Ramachandran Sent: Tuesday, 16 March 2021 9:44 AM To: Junwei Ang Cc: Jeffrey J Weeks Subject: FW: Design and construction signalised crossings at Webster Road, Aspley Junwei The updated estimate is below:-Construction cost = 200k (as per RoadTek's high level estimate) = 60k Design costs Project mgt/admin= 30k = 120k (40% of estimated project cost) Contingency Total = 410k

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 79 | Spring Hill Qld 4004

P: (07) 3066 1333 | F: (07) 3220 6071

M: NR

E: ram.z.ramachandran@tmr.qld.gov.au

W: www.tmr.qld.gov.au

Tomorrow's Queensland: strong, green, smart, healthy and fair - www.towardQ2.qld.gov.au P Please consider the environment before printing this email

-----Original Message-----From: Ram Ramachandran Sent: Thursday, 11 March 2021 3:40 PM To: Junwei Ang <Junwei.Ang@tmr.qld.gov.au> Cc: Jeffrey J Weeks <Jeffrey.J Weeks@tmr.qld.gov.au>; Imtiaz M Abdul <imtiaz.m.abdul@tmr.qld.gov.au>; Bernard W Tham <Bernard.W.Tham@tmr.qld.gov.au>; Peri Konesh <Peri.Z.KONESHAMOORTHY@tmr.qld.gov.au> Subject: RE: Design and construction signalised crossings at Webster Road, Aspley

Junwei

The estimate

Construction cost = TBA (waiting from RoadTek) Design costs = 60k Project mgt/admin= 30k Contingency = TBA (depending on RoadTek's estimate) Please add this one to MOA list if we are getting a separate funding.

If we are using RSMW funds we don't need. But we haven't got any funds left in RSMW this year and next year's fund not received yet.

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 1333 | F: (07) 3220 6071

M: NR

E: ram.z.ramachandran@tmr.qld.gov.au

W: www.tmr.qld.gov.au

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-----Original Message-----

From: Junwei Ang <Junwei.Ang@tmr.qld.gov.au>

Sent: Thursday, 11 March 2021 11:42 AM

To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@trnr.qld.gov.au>

Cc: Jeffrey J Weeks <Jeffrey.J.Weeks@tmr.qld.gov.au>; Imtiaz M Abdul <imtiaz.m.abdul@tmr.qld.gov.au>; Bernard W Tham <Bernard.W.Tham@tmr.qld.gov.au>; Peri Konesh <Peri.Z.KONESHAMOORTHY@tmr.qld.gov.au> Subject: Design and construction signalised crossings at Webster Road, Aspley

Hi Ram,

As discussed briefly yesterday, DRD had requested we provide him with a high level cost estimate to design and build 2 signalised slip lanes at the Websier Road / Gympie Road intersection for it to meet the TMR Road Safety Policy.

The intent is for TMR to construct the crossing by the time BCC has completed their construction for the bikeway which is currently scheduled to commence shortly for completion by 30/6/2021.

I have requested BCC provide us their latest plans to show all works in that area but for now, can you use the attached annotated plan from DRD to progress the high level cost estimate. For this current exercise, please assume minimal works by BCC other than to widen the existing ped path to a 3m wide shared path which we would connect into on the N/E quadrant and for us to connect to existing on the S/E quadrant. Please provide the high level estimate asap so we can formalise the funding arrangement for design and construction with DRD and RD.

Do you want to add this in the RoadTek MOA list as a last minute addition?

Thanks!

Kind Regards,

Junwei Ang

Principal Engineer | Metropolitan Region / Brisbane Office Program Delivery & Operations Branch | Infrastructure Management & Delivery | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane City Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 4181 E: junwei.ang@tmr.qld.gov.au W: www.tmr.qld.gov.au

-----Original Message-----From: ADOC15-PRN02 <ADOC15-PRN02@tmr.qld.gov.au> Sent: Wednesday, 10 March 2021 5:58 PM To: Junwei Ang <Junwei.Ang@tmr.qld.gov.au> Subject: Scanned Document

Number of Images: 1 Attachment File Type: PDF

Device Name: ADOC15-PRN02 Device Location:

From: Sent: To: Cc: Subject: Metro Project Controls Inbox Wednesday, 31 March 2021 1:34 PM Sina Z Louei Ram Ramachandran; Abu Sayeed S Choudhury RE: 1846354: Change of PM

Hi all,

Projects 1928208, 1846354 PM has change to Sina.

Kind regards,

Carrie Hui A/ Program Officer (Project Controls) | Metropolitan Region **Program Delivery & Operations Branch** | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

PO Box 70 Spring Hill Qld 4004 P: (07) 3066 5601 | F: (07) 3220 6071 E: <u>Carrie.k.Hui@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u>

From: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>
Sent: Friday, 26 March 2021 10:18 AM
To: Metro Project Controls Inbox <Metro.Project.Controls@tmr.qld.gov.au>
Cc: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>
Subject: RE: 1846354: Change of PM

Hi Team,

I have got my number set up today which is 07 3347 5263.

Could you please go ahead and finalise my access to 3PCM please.

Please let me know if you have any queries.

Sina Louei

Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division Department of Transport and Main Roads Floor 15 | Adelaide Street | Brisbane QLD 4000 PO Box 70 | Spring Hills QLD 4000 E: <u>Sina.Z.Louei@tmr.qld.gov.au</u> | W: <u>www.tmr.qld.gov.au</u>

Customers first	Ideas Into action	Unleash potential	Be courageous	Empower people	Queensland Government
Great state. Great opportun		a share the second second			(22)32 Government
	$(\sqrt{3})$				

From: Metric Project Controls Inbox <<u>Metro.Project.Controls@tmr.qld.gov.au</u>>
Sent: Tuesday, 23 March 2021 2:12 PM
To: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Cc: Abu Sayeed S Choudhury <<u>AbuSayeed.S.Choudhury@tmr.qld.gov.au</u>>; Ram Ramachandran
<<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>
Subject: RE: 1846354: Change of PM

Hi all,

Sina's 3PCM access is still in progress, I will update PM to Sina once he got access.

Kind regards,

Carrie Hui A/ Program Officer (Project Controls) | Metropolitan Region **Program Delivery & Operations Branch** | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

PO Box 70 Spring Hill Qld 4004 P: (07) 3066 5601 | F: (07) 3220 6071 E: <u>Carrie.k.Hui@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u>

From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Sent: Tuesday, 23 March 2021 1:56 PM
To: Metro Project Controls Inbox <<u>Metro.Project.Controls@tmr.qld.gov.au</u>>
Cc: Abu Sayeed S Choudhury <<u>AbuSayeed.S.Choudhury@tmr.qld.gov.au</u>>; Ram Ramachandran
<<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>
Subject: RE: 1846354: Change of PM

Hi Carrie,

Yes, I can confirm that I will be taking over PM responsibility for 1846354.

Please let me know if you have any queires.

Kind Regards,

Sina Louei

Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 M: ______

M: NR E: <u>Sina.Z.Louei@tmr.qld.gov.au</u>

W: <u>www.tmr.qld.gov.au</u>

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P Please consider the environment before printing this email

From: Metro Project Controls Inbox < Metro.Project.Controls@tmr.qld.gov.au>

Sent: Tuesday, 23 March 2021 1:54 PM

To: Sina Z Louei <<u>Sina.Z.Loue@tmr.qld.gov.au</u>>

Cc: Abu Sayeed S Choudhury <<u>AbuSayeed.S.Choudhury@tmr.qld.gov.au</u>>; Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>

Subject: RE: 1846354: Change of PM

Hi Sina,

Can you please confirm you will be taking over PM responsibility for 1846354 and that a project handover has occurred?

Kind regards,

Carrie Hui

A/ Program Officer (Project Controls) | Metropolitan Region
 Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

PO Box 70 Spring Hill Qld 4004 P: (07) 3066 5601 | F: (07) 3220 6071 E: <u>Carrie.k.Hui@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u>

From: Abu Sayeed S Choudhury <<u>AbuSayeed.S.Choudhury@tmr.qld.gov.au</u>> Sent: Monday, 22 March 2021 6:04 PM To: Metro Project Controls Inbox <<u>Metro.Project.Controls@tmr.qld.gov.au</u>> Cc: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>; Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Subject: 1846354: Change of PM

Sina 3pcm access REQ323659 - CH 23/03

HI,

Would you please change the PM of the following project:

Project1846354Current PMAbu Sayeed ChoudhuryNext PMSina Louei

Sina- I've saved the approved project scope here G:\WHRF-Projects 235 - Ipswich City Council (148)\1846354 Brisbane Rd and Thorn St

Kind Regards,

Abu Choudhury CPEng, RPEQ Senior Engineer (Civil) | Metropolitan Region Program Delivery And Operations | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street| Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 30669183 | M: <u>NR</u> E: <u>abusayeed.s.choudhury@tmr.qld.gov.au</u>

W: www.tmr.qld.gov.au

From: Sent: To: Subject: Matthew A Baylis Thursday, 8 April 2021 3:23 PM Sina Z Louei Asbestos Conduits

Hi SIna,

I have just checked MRTS91 and asked our guys and can confirm we can pull cables into existing asbestos conduits if they are in good condition.

If they are broken or similar we are not able to install new cables. (see extract from MRTS91 below)

When pulling cables into asbestos conduits we use a registered asbestos contractor who wipe down all cables and monitor the cable pull. This costs a bit more than a normal cable pull as you could imagine.

- Any works that result in ACM pits no longer being utilised for cabling that is u traffic signals or road lighting purposes shall be removed from the site in acc MRTS96.
- New cabling shall not be installed into ACM pits and ducting of which are not physically intact.

Kind regards,

Matt Baylis A/Senior Project Manager (Electrical and ITS) | Brisbane: Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads 10 Oregon Street | Hemmant Qld 4174 (07) 55613861 | M: NR matthew.a.baylis@tmr.qld.gov.au www.tmr.qld.gov.au

From:
Sent:
To:
Subject:

Ram Ramachandran Friday, 9 April 2021 1:12 PM Sina Z Louei; Abu Sayeed S Choudhury; Toby L Tsai; Brandon Z Le FW: Electrical materials for the projects up to end of June

FYI

Kind Regards

Ram Ramachandran Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

\wedge (
From: Ram Ramachandran
Sent: Friday, 9 April 2021 1:11 PM
To: Pinak H Dholakia <pinak.h.dholakia@tmr.qld.gov.au></pinak.h.dholakia@tmr.qld.gov.au>
Cc: Sang V To <sang.v.to@tmr.qld.gov.au>; Matthew A Baylis <matthew.a.baylis@tmr.qld.gov.au></matthew.a.baylis@tmr.qld.gov.au></sang.v.to@tmr.qld.gov.au>
Subject: Electrical materials for the projects up to end of June

Pinak and Matt

The following projects need to be completed before end of FY in addition to NR	ing projects need to be completed before end of FY in addition to NR
--	--

a) b)		NR	
c)	Gympie/Webster	\Box	
d)			\mathcal{O}

Can you please order necessary materials for the above work promptly including NR

I believe you have the final design and schedules for all above except for Gympie/Webster.

I will send a draft design of Gympie/ Webster to you soon. The scope will be 2 aspect lanterns for the two slip lanes. The designer was yesterday talking about one joint use pole for each slip lane as lighting is currently not enough.

Kind Regards

Ram Ramachandran Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 1333 | F: (07) 3220 6071 M: ______ E: <u>ram.z.ramachandran@tmr.qld.gov.au</u>

W: www.tmr.qld.gov.au

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From:	Metropolitan Procurement
Sent:	Monday, 12 April 2021 3:20 PM
То:	Sina Z Louei
Subject:	CN-16730 MTR - Gympie & Webster Road Intersection - Pedestrian signals on slip
	lanes
Attachments:	CN-16730-Contract Number Create - Gympie Webster Road intersection.docx

Hi Sinai,

Please find attached the completed CN request form for CN-16730 MTR - Gympie & Webster Road Intersection - Pedestrian signals on slip lanes

The Work Package created for this contract/Project number is WKP- 00039093.

As you will have seen, we have also requested for a DMS container to be created, once this is completed you will receive an email from the Records Management team.

Kind regards

Vongai

Procurement | Metropolitan Region Program Delivery and Operations IMD Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 1448 E: <u>metropolitan.procurement@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u>

Contract Number Request

* Denotes mandatory fields

* Contract Title (up to 50 characters)

MTR - Gympie & Webster Road Intersection - Pedestrian signals on slip lanes

* Contract Description (up to 250 characters)

Installation of Pedestrian Signals on the northern side of slip lanes of Gympie Road and Webster Road

	Access Roles	User
*	Contract Administrator	Ram Ramachandran
	Escalation L1 (if applicable)	
	Escalation L2 (if applicable)	
	Contract Financial Approval Coordinator	Metropolitan Costing
	Contract Financial Approver/Financial Delegate	
*	Principal Representative/Project Manager	Sina Louei
	Probity Advisor (if applicable)	
*	Tender Assessment Panel Chair (if different to contract administrator)	Sina Louei
	Tender Assessment Panel Member	Ram Ramachandran
	Tender Assessment Panel Member	
*	Legislative Delegate	Jeff Weeks
	Procurement Delegate	Metropolitan Procurement

* **Contract Type** (if uncertain discuss with Procurement)

MIC-SI (MIC - Sole Invitation)

Reference No (eg, SOA #, ECS, etc)

* Contract Initiator

TMR

* Risk Classification

Refer to link for further clarification <u>Business Principle - Procurement Characteristics</u> Routine (low risk/low value)

Estimate \$ of contract \$500,000.00

Metropolitan Region

* Work Packages Created No-Please create

WKP-	
WKP-	$(\bigcirc)^{2}$
WKP-	
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WKP-	
Note: at creation of contrac	t number cominated WKP- will be updated

PDO - Metropolitan Region **MANDATORY - Include element or phase number** SAP Project No: 52-01928208 * 3PCM/OPPM Project No: 1928208 * Procurement Strategy Sole Invitee - RoadTek * Category

Construction Delivery

* Procurement Option

Not Applicable - Infrastructure

* Responsible Business Area

* District

Metropolitan

* Delivery Office

Brisbane

* Cost Code Requirements

CAPEX	Yes
OPEX	No

Procurement and Project Controls Support Use Only

Contract Number	CN-16730	Access Role Groups Created	Choose an item.
Work Package Number	WKP-00039093	Cost Codes Created	Choose an item.

Please provide a CATS code for Procurement Team to allocate time to. 52-01928208.C.DE.4.1

From: Sent: To: Subject: Attachments: Colin J Campbell Friday, 23 April 2021 1:14 PM Sina Z Louei FW: Project 1928208 - Gympie/Webster Road - Culvert PRELIM_SIGNS AND LINEMARKING_22042021.pdf

Hi Sina,

Just a follow-up to our phone call confirming the installation of the giveway sign and pavement marking at the exit from both slip lanes as per the attached sketch.

On a secondary point that we didn't discuss, yes we can include chevrons on the Webster Road shoulder after the bus stop and before the slip lane, though a question on if this is a BCC area of responsibility/maintenance and is it something that they want.

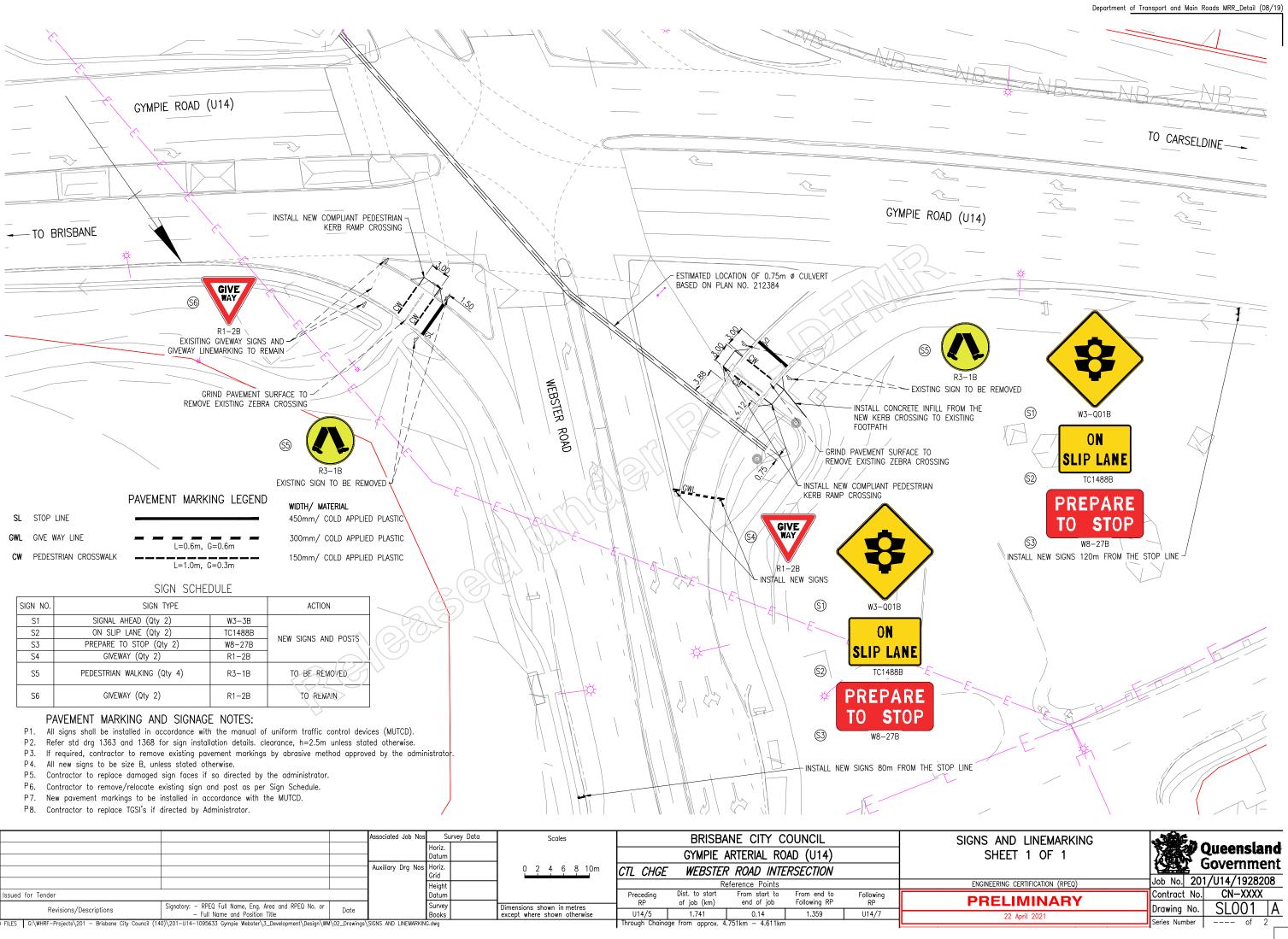
If you have any questions, please contact me on the below numbers for assistance.

Colin Campbell

Principal Designer (Civil) | Metropolitan Region / Technical Services **Program Delivery and Operations** | Infrastructure Management & Delivery | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 (07) 3066 5558 colin.j.campbell@tmr.qld.gov.au www.tmr.qld.gov.au

1



F			Associated Job Nos	Survey	Data	Scales		BRISBA	NE CITY C	DUNCIL		SIGN
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D				Datum				GIMFIE /	ANTENIAL NU	4D (014)		
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В	3			Height				Re	eference Points			ENG
А	A Issued for Tender			Datum			Preceding	Dist. to start	From start to end of job	From end to Following RP	Following	PF
	Revisions/Descriptions Signatory: - RPEQ Full Name, Eng. Area ar	nd RPEQ No. or Date		Survey	l l	Dimensions shown in metres	RP RP	of job (km)	end of job		RP	
	- Full Name and Position Title	Date		Books		except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7	
CA	CAD FILES G:\WHRF-Projects\201 - Brisbane City Council (140)\201-U14-1095633 Gympie Webster\3_Devel	opment\Design\WM\02_Drawings'	SIGNS AND LINEMARKIN	G.dwg			Through Chainac	je from approx. 4	.751km – 4.611km			

From:	Ho Y Lam	
To:	Ram Ramachandran; David P Gough; Co	ulin J Campbell; Toby L Tsai; Brandon Z Le; Sina Z Louei; Arielle R Bangalan; Abu Saveed S Choudhury; Victor D Javawardana
Subject:	20210427 Meeting minutes - Fortnightly	progress meeting for Federal Stimulus SRS & TRSP projects
Date:	Tuesday, 27 April 2021 3:49:49 PM	
Attachments:	image001.png	
	NR	

Hi everyone,

Here are the meeting minutes for today. Please let me know if I miss anything. Thanks.

Attendees:

Delivery: Toby Tsai, Sina Louei, Arielle Bangalan, Ram Ramachandran, Victor Jayawardana

Technical Services: Ho-Yee Lam, David Gough

Time: 1pm to 2:15pm

- Colin Campbell is not well today.
- All as-con drafting requests or project scope identification or work requests are to be sent to Metropolitan DS and Ho-Yee Lam to ensure that someone in the Design Services team will pick up the requests and action them.

Projects		Priority	Meeting notes:	
	(cenvery)		NR	
Gympie/Ellison/Webster	Sina Louei	A1 (30 Apr 2021)	April 2021. Draft drawings sent to Ram and Sina c Civil design is completed. Electrical de Energex and BCC approval to be sough PUP investigation will be managed by construction, the design will need to b Rate 3 lighting design is underway. Ra constraints.	sign and schedules will be available this week. In after the completion of electrical design. RoadTek. If RoadTek finds any conflict during be changed and end of construction will be delayed. Ite 2 lighting design cannot be done due to time and drainage) is currently on hold. Design to proceed an Road projects and same priority as
			NR	

	NR
	$\overline{\mathcal{O}}$
Regards,	

Ho-Yee Lam

Principal Engineer (Civil) | Metropolitar. Region Brisbane Office Program Delivery & Operations / Department of Transport and Main Roads

Floor 12 | Adelaide Street (313) 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004

M: NR ho.y.lam@tmr.qld.gov.au www.tmr.qld.gov.au 1585631465774

Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: No Y Lam

Sent: Tuesday, 13 April 2021 2:52 PM

To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; David P Gough <David.P.Gough@tmr.qld.gov.au>; 'Colin J Campbell' $<\!\!Colin.J.Campbell@tmr.qld.gov.au\!\!>; Toby L Tsai <\!\!Sung-Lin.T.Tsai@tmr.qld.gov.au\!\!>; Brandon Z Le (brandon.z.Le@tmr.qld.gov.au)$

strandon.z.Le@tmr.qld.gov.au>; Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>; Arielle R Bangalan <Arielle.R.Bangalan@tmr.qld.gov.au>; Abu Sayeed S Choudhury <AbuSayeed.S.Choudhury@tmr.qld.gov.au>

Subject: 20210413 Meeting minutes - Fortnightly progress meeting for Federal Stimulus SRS & TRSP projects

Hi everyone,

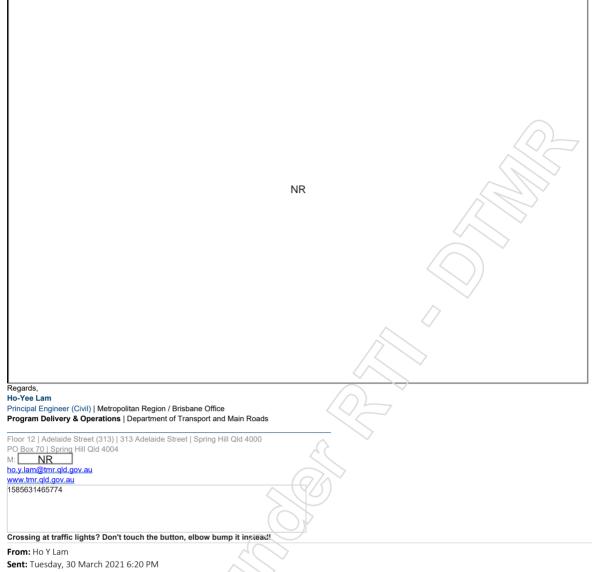
Here are the meeting minutes for today. Please let me know if I miss anything. Thanks. Attendees:

Page Number: 61 of 333

Delivery: Toby Tsai, Brandon Le, Sina Louei, Abu Choudhury, Arielle Bangalan, Ram Ramachandran, **Technical Services:** Ho-Yee Lam, Colin Campbell, David Gough

Time: 1pm to 2pm

Projects		Priority	Meeting notes:
	(Delivery)		
			NR
Gympie/Ellison/Webster	Sina Louei	A1 (30 Apr 2021)	Site visit is completed. Portion 1 (signalisation of slip lanes) to be completed by end
of mpicy classical	Sind Lodel	(1 (50) p) 2021)	of April 2021.
			Colin to provide time and cost estimate for portion 1 by end of this week
			Ram to advise whether RoadTek is able to pull back through asbestos conduits.
			 Draft signals/lighting drawings sent to Ram and Sina as soon as possible Portion 2 (modification of crossings and drainage) is currently on hold
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 To: Ram Ramachandran <</td>
 Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; David P Gough
 David.P.Gough@tmr.qld.gov.au>; 'Colin J Campbell'

 <Colin J.Campbell@tmr.qld.gov.au>; Toby L Tsai
 Sung-Lin.T.Tsai@tmr.qld.gov.au>; Brandon Z Le (brandon.z.Le@tmr.qld.gov.au);

brandon.z.Le@tmr.qld.gov.au>; Sina Z Louei
 Sina.Z.Louei@tmr.qld.gov.au>; Arielle R Bangalan
 Arielle.R.Bangalan@tmr.qld.gov.au>; Abu Sayeed S

 Choudhury
 AbuSayeed.S.Choudhury@tmr.qld.gov.au>;
 Arielle.R.Bangalan@tmr.qld.gov.au>;

Subject: 20210330 Meeting minutes - Fortnightly progress meeting for Federal Stimulus SRS & TRSP projects

Hi everyone, Here are the meeting minutes for today. Please let me know if I miss anything. Thanks.

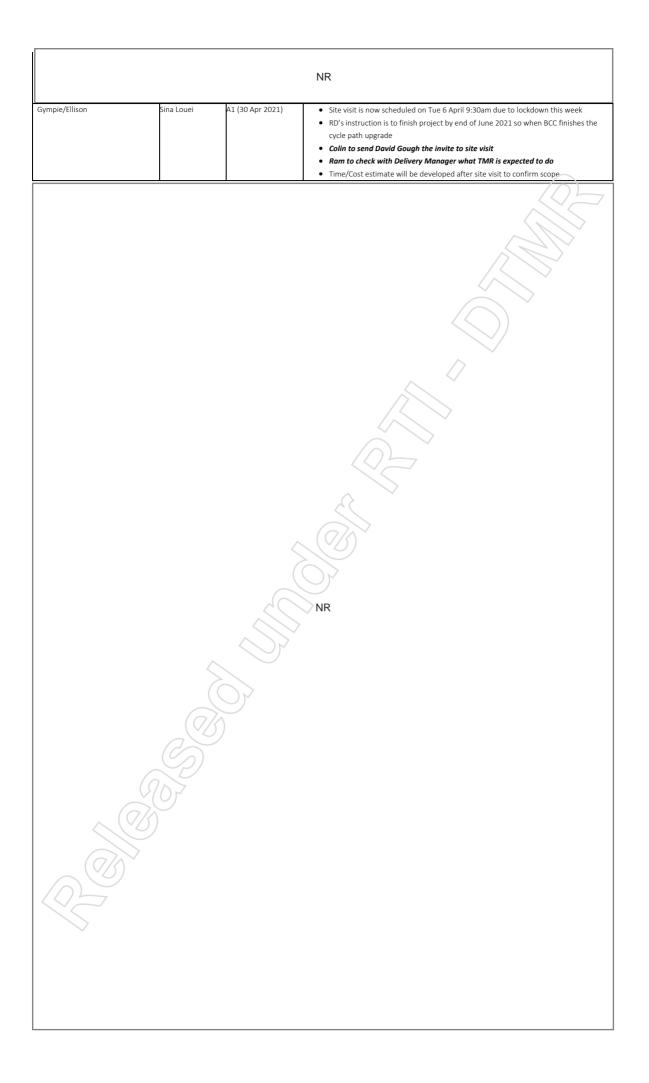
Attendees:

Delivery: Toby Tsai, Brandon Le, Sina Louei, Abu Choudhury, Arielle Bangalan, Ram Ramachandran,

Technical Services: Ho-Yee Lam, Colin Campbell, David Gough

Time: 1pm to 3pm

Project Manager Priority (Delivery)	Meeting notes:
(()(pelivery)	NR



NR Regards, Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 M: NR ho.y.lam@tmr.qld.gov.au 1585631465774 Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Sent: To: Subject: Ram Ramachandran Wednesday, 28 April 2021 10:42 AM Abu Sayeed S Choudhury; Sina Z Louei RE: Gympie / Ellison signalise slip lanes

Abu

Gympie/Webster project has been created. Sina please send the WBS to designers.

They have to stop charging to Abu's project

Kind Regards

Ram Ramachandran Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

From: Abu Sayeed S Choudhury <AbuSayeed.S.Choudhury@tmr.qld.gov.au> Sent: Wednesday, 28 April 2021 9:05 AM

To: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>

Cc: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au> Subject: RE: Gympie / Ellison signalise slip lanes

Hi Sina,

Has the Gympie/ Ellison project created yet? The designers are still charging into this project. Do you have any cost estimate for the design. At present they have charged approx. \$12k.

Kind Regards, Abu Sayeed Choudhury

From: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Sent: Monday, 22 March 2021 1:06 PM To: Abu Sayeed S Choudhury <<u>AbuSayeed.S.Choudhury@tmr.qld.gov.au</u>> Cc: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>> Subject: Gympie / Eliison signalise slip lanes

Abu

Can you please create a WBS for the above design in the RSMW project temporarily.

We will move the cost out later when the actual project is created.

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 1333 | F: (07) 3220 6071 M______ E: <u>ram.z.ramachandran@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u>

Tomorrow's Queensland: strong, green, smart, healthy and fair - <u>www.towardQ2.qld.gov.au</u> P Please consider the environment before printing this email

From:Metro Project Controls InboxSent:Wednesday, 28 April 2021 11:38 AMTo:Metropolitan CostingCc:Sina Z Louei; Abu Sayeed S ChoudhurySubject:FW: 1095633: Request for CATS block

Hi Costing,

Can you please action the below request from Sina.

Thanks

Kind regards,

Carrie Hui A/ Program Officer (Project Controls) | Metropolitan Region **Program Delivery & Operations Branch** | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

PO Box 70 Spring Hill Qld 4004 P: (07) 3066 5601 | F: (07) 3220 6071 E: <u>Carrie.k.Hui@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u>

From: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>
Sent: Wednesday, 28 April 2021 11:28 AM
To: Metro Project Controls Inbox <Metro.Project.Controls@tmr.qld.gov.au>
Cc: Abu Sayeed S Choudhury <AbuSayeed.S.Choudhury@tmr.qld.gov.au>; Ram Ramachandran
<Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>
Subject: RE: 1095633: Request for CATS block

Hi Carrie,

Could you please transfer the total amount spent on the 52-01095633.C.DE.4.8 Gympie Rd/ Ellison Rd Signalised Slip lane to 52-01928208.C.DE.4.1 Detailed design please.

The summary is as per below:

- March 2021 = \$5,661.50
- April 2021 = \$6,267.50
- Total = \$11,929

Please let me know if you have any queries.

Kind regards,

Sina Louei Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division Department of Transport and Main Roads Floor 15 | Adelaide Street | Brisbane QLD 4000 PO Box 70 | Spring Hills QLD 4000 P: (07) 3347 5263 M: NR E: Sina.Z.Louei@tmr.qld.gov.au | W: www.tmr.qld.gov.au



From: Metro Project Controls Inbox <<u>Metro.Project.Controls@tmr.qld.gov.au</u>>
Sent: Wednesday, 28 April 2021 10:52 AM
To: Abu Sayeed S Choudhury <<u>AbuSayeed.S.Choudhury@tmr.qld.gov.au</u>>
Cc: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Subject: RE: 1095633: Request for CATS block

Hi Abu,

CATS block applied to C.DE.4.8.

Kind regards,

Carrie Hui A/ Program Officer (Project Controls) | Metropolitan Region **Program Delivery & Operations Branch** | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

PO Box 70 Spring Hill Qld 4004 P: (07) 3066 5601 | F: (07) 3220 6071 E: <u>Carrie.k.Hui@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u>

From: Abu Sayeed S Choudhury <<u>AbuSayeed.S.Choudhury@tmr.qld.gov.au</u>> Sent: Wednesday, 28 April 2021 10:45 AM To: Metro Project Controls Inbox <<u>Metro.Project.Controls@tmr.qld.gov.au</u>> Cc: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>> Subject: 1095633: Request for CATS block

Hello Carrie,

Would you please block the following WBS for CATS charging:

52-01095633.C.DE.4.8 Gympie Rd/ Ellison Rd Signalised Slip lane

Kind Regards,

Abu Choudhury CPEng, RPEQ Senior Engineer (Civil) | Metropolitan Region Program Delivery And Operations | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street| Brisbane Qid 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 30669183 | M: <u>NR</u> E: <u>abusayeed.s.choudhury@tmr.gld.gov.au</u> W: <u>www.tmr.gld.gov.au</u>

From:	Ram Ramachandran
Sent:	Wednesday, 28 April 2021 4:28 PM
То:	Sina Z Louei
Subject:	RE: CCP_Gympie and Webster Road_Pedestrian Signals Installation_May 2021.doc

Sina

Please put const end date as late JULY

Otherwise good.

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Tomorrow's Queensland: strong, green, smart, healthy and fair - <u>www.towardQ2.qld.gov.au</u> P Please consider the environment before printing this email

From: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au> Sent: Wednesday, 28 April 2021 4:00 PM To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au> Subject: FW: CCP_Gympie and Webster Road_Pedestrian Signals Installation_May 2021.doc

Hi Ram,

I have reviewed the attached document (CCP_Gympie and Webster Road_Pedestrian Signals Installation_May 2021_SL comments) and left few comments for Melanie to consider. Could you please have a quick skim over this document and let me know if there are anything that we need to add.

Please let me know if you have any gueries.

Kind regards,

eat state. Great opportuni

Sina Louei

Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division Department of Transport and Main Roads Floor 15 | Adelaide Street | Brisbane QLD 4000 PO Box 70 | Spring Hills QLD 4000 P: (07) 3347 5263 M: NR E: Sina.Z.Louei@tmr.qld.gov.au | W: www.tmr.qld.gov.au Customers first Operation Operation (Participation Program Program

Government

From: Melanie Z Castles <<u>Melanie.Z.Castles@tmr.qld.gov.au</u>>
Sent: Tuesday, 27 April 2021 3:58 PM
To: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Cc: Tessa E Mahoney <<u>Tessa.E.Mahoney@tmr.qld.gov.au</u>>
Subject: CCP_Gympie and Webster Road_Pedestrian Signals Installation_May 2021.doc

Hi Sina

Please find attached the draft CCP.

NB: the letters and distribution area will be updated in due course.

Let me know if you have any comments or changes so far.

Cheers Mel

Ps I'll come and see you on Thursday.

 Melanie Castles

 Senior Communications Officer | Metropolitan Region

 Department of Transport and Main Roads Metropolitan Region / Brisbane Office

 Program Delivery and Operations Branch | Department of Transport and Main Roads

roject title:	Gympie and Webster Road Interesction, install pedestrian signals and lighting	
roject risk level:	Low	
ommunications Officer:	Melanie Castles	
pprovers of this CCP (in order):	1. Sina Louei (Project Manager) 4. Jeff Weeks – Manager, Delivery	
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement) 3. Ram Ramachandran – Principal Engineer	
	5. Kani Kanadiandian – Finidipar Engineen	
ROJECT TITLE	Gympie and Webster Road Interesction, install pedestrian signals and lighting	$\langle \rangle$
PENING PARAGRAPH	The Department of Transport and Main Roads (TMR) would like to advise that pedistrain signals <u>and lighting</u> will be installed at the slip lanes located at intersection of Gympie and Webster Road (southbound), Aspley. <u>As part of the works, the existing pedestrian</u> <u>ramps will be upgraded to suit for both pedestrian and cyclists shared</u> <u>path.</u>	
ROJECT BENEFIT / ESCRIPTION / ACTIVITY	These works were initiated as safety improvements to the Gympie Arterial Road due to local demand and infrastructure upgrades required at this location. Works will improve safety for all road users, providing greater separation between pedestrians, bike riders and traffic travelling southbound.	
ROJECT TIMING	 Works will commence mid-May 2021 and be completed by late end of Julyne 2021, construction and weather conditions permitting. The majority of work will be undertaken at night for the safety of the work crew and road users and to minimise the impact to the road network. However, there will also be occasional works carried out during the day. Standard construction hours will be nightworks from 7pm to 5am Sunday to Thursday. 	Commented [SZL1]: Agreed.
ROJECT WORK	The safety-based works will include the installition of pedestrian signals and lighting at the slip laries located at the intersection of Gympie road to Webster Road, Aspley (Latitude: -27.373112593192804, Longitude: 153.02312177330438). Upgrades to the existing pedestrian ramps to accommodate for both pedestrian and cyclists shared path. Provision of chevron marking at the corner of Webster Road to Gympie Road to stop drivers from using the shoulders to get to the slip lane.	
ONSTRUCTION IMPACTS:	Expected impacts	
COMMUNITY BUSINESSES TRAFFIC	 Nearby residents and businesses may experience short-term impacts including noise, light and dust from construction equipment and activities onsite. 	
PEDESTRIAN OTHER	Foad users will experience minor delays due to changed traffic conditions while work is underway. This will include partial shoulder and lane closures, temporary speed reductions and short-term traffic disruptions.	Commented [MZC3]: This is our standard wording
EY MESSAGES (USE ONLY NECESSARY INFO HAS OT YET BEEN STATED)		Commented [SZL4R3]: Agreed. Please leave as it is

Page 1 of 10

Project title:	Gympie and Webster Road Interesction, install pedestrian signals and lighting	
Project risk level:	Low	
Communications Officer:	Melanie Castles	
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)	
	3. Ram Ramachandran – Principal Engineer	

REQUIRED COMMUNICATION ACTIVITIES:

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ACTIVITY	DETAILS	IMPLEMENTATION
PRIMARY STAKEHOLDER NOTIFICATION - ELECTED REPRESENTATIVES	Sent 2 wks-<u>weeks</u> prior to construction.	Mandatory for all work. Sent to relevant elected representatives, (Fed, State and Council)
SECONDARY STAKEHOLDER NOTIFICATION	Sent 1 wk-<u>weeks</u> prior to construction.	Notification sent to community groups, residents and businesses within the project footp/int
DISTRIBUTION MAP	As below	The distribution area for the SECONDARY STAKEHOLDER NOTIFICATION.
MEDIA RELEASE (Start of construction)	🗌 Yes / 🔀 No	Will be sent to the TMR Media Unit upon DRD approval of the Media Statement.
VMS and TRAFFIC MANAGEMENT (BMTMC)	🛛 Yes / 🗌 No	TMR to complete
PROJECT WEBPAGE	🗌 Yes / 🔀 No	Follow necessary process if new page.

Page 2 of 10

Page Number: 73 of 333

Project title:	Gympie and Webster Road Interesction, install pedestrian signals and lighting	
Project risk level:	Low	
Communications Officer:	Melanie Castles	
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)	
	3. Ram Ramachandran – Principal Engineer	

AFFECTED STAKEHOLDERS AND COMMUNITY

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PRIMARY	Federal	Hon. Luke Howarth MP
STAKEHOLDERS - ELECTED		Member for Petrie luke.howarth.mp@aph.gov.au
REPRESENTATIVES	State	Mr Bart Mellish Member for Aspley Aspley@parliament.qld.gov.au transportandmainroads@ministerial.qld.gov.au
	Local	Brisbane City Council – Bracken Ridge Ward Councillor Sandy Landers brackenridge.ward@bcc.qld.gov.au
AFFECTED BUSINESSES		no businesses directly affected NB: Through traffic for Robertson Road West to Geebung heavily use this intersection
SECONDARY STAKEHOLDERS		TransLink Comms Team <u>commsteam@translink.com.au</u> Metro Government Relations Team
MOTORISTS		Metro GovernmentRelations@tmr.qld.gov.au Brisbane Metropolitan Transport Management Centre (BMTMC form) motorwayenquiries@govianetwork.com.au RoadTek Maintenance FDMaintenance@tmr.qld.gov.au RACQ roadreportupdates@racq.com.au Queensland Taxi Council info@tcq.org.au Queensland Transport and Logistics Council admin@qtlc.com.au Queensland Trucking Association admin@qta.com.au Metropolitan permits metropolitan.permits@tmr.qld.gov.au
OTHER AUTHORITIES / PROJECTS		Queensland Fire and Rescue FirecomErisbane.Data@QFES.qld.gov.au Qld Police policelinkenquiry@police.qld.gov.au TransLink temporary.closures@translink.com.au TransLink Comms Team commsteam@translink.com.au QAS QAS.Correspondence@ambulance.qld.gov.au QFES CTPI @qfes.qld.gov.au.
		Page 3 of 10

Page 3 of 10

Project title:	Gympie and Webster Road Interesction, insta	ll pedestrian signals <u>and lighting</u>
Project risk level:	Low	
Communications Officer:	Melanie Castles	
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)	
	3. Ram Ramachandran – Principal Engineer	

PRIMARY STAKEHOLDER NOTIFICATION: ELECTED REPRESENTATIVES

Dear Mr/Mrs/Ms

Gympie Arterial Road –Webster Road Interesction, install pedestrian signals and lighting

The Department of Transport and Main Roads (TMR) would like to advise that **median shoulder** widening, guardrail installation and drainage culvert works will be carried out at selected locations on the Gympie Arterial Road, Bald Hills.

These safety improvement works will improve safety for all road users, and provide greater separation of traffic travelling in opposite directions.

Timing

1

- Works will commence 27 January 2021 and be completed by late April 2021, construction and weather conditions permitting.
- The majority of work will be undertaken at night for the safety of the work crew and road users and to minimise the impact to the road network. However, there will also be occasional works carried out during the day.
- Standard construction hours will be nightworks from 7.30pm to 5am Suriday to Thursday.

Works include:

- Median shoulder widening
- Guardrail installation and drainage culvert works.

Expected impacts

- Nearby residents and businesses may experience short-term impacts including noise, light and dust from construction equipment and activities onsite.
- Road users will experience minor delays due to changed traffic conditions while work is underway. This
 will include temporary shoulder and lane closures, temporary speed reductions and short-term traffic
 disruptions. Please allow extra time when planning your travel.

TMR will distribute notifications (see attached) to nearby residents and businesses before work begins. This notification will include information on the work and the contact details for the Project team.

TMR appreciates your patience while these important works are being carried out and will make every effort to minimise disruptions throughout the duration of this project.

Further information:

- For more information on this work, piease contact the Project Team by emailing metropolitanregion@tmr.gid.gov.au or calling 3066 4338 during business hours.
- For up-to-date information on road closures and traffic conditions across Queensland, go to <u>www.qldtraffic.qld.gov.au</u> or call 13 19 40.

Page 4 of 10

Commented [SZL5]: Please send us the distribution flyer for

	Project title:	Gympie and Webster Road Interesction, install pedestrian signals and lighting		
ſ	Project risk level:	Low		
	Communications Officer:	Melanie Castles		
Ē	Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks - Manager, Delivery	
		2. Tessa Mahoney - Team Lead (Stakeholder Engagement)		
		3. Ram Ramachandran – Principal Engineer		

Kind regards,

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The Project Team

Metropolitan Region / Brisbane Office **Program Delivery and Operations Branch** | Department of Transport and Main Roads

Page 5 of 10

Project title:	Gympie and Webster Road Interesction, install pedestrian signals and lighting	
Project risk level:	Low	
Communications Officer:	Melanie Castles	
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)	
	3. Ram Ramachandran – Principal Engineer	

SECONDARY STAKEHOLDER NOTIFICATION: RESIDENTS & BUSINESSES

Dear Mr/Mrs/Ms

Gympie Arterial Road - median shoulder widening, guardrail installation and drainage culvert works

The Department of Transport and Main Roads (TMR) would like to advise that **median shoulder** widening, guardrail installation and drainage cluvet works will be carried out at selected locations on the Gympie Arterial Road, Bald Hills.

These safety improvement works will improve safety for all road users, and provide greater separation of traffic travelling in opposite directions.

Timing

- Works will commence 27 January 2021 and be completed by late April 2021, construction and weather conditions permitting.
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Works include:

- Median shoulder widening
- Guardrail installation and drainage culvert works.

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TMR will distribute notifications to nearby residents and businesses before work begins. This notification will include information on the work and the contact details for the Project Team.

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Further information:

- For more information on this work, piease contact the Project Team by emailing metropolitanregion@tmr.gid.gov.au or calling 3066 4338 during business hours.
- For up-to-date information on road closures and traffic conditions across Queensland, go to www.gldtraffic.gld.gov.au or call 13 19 40.

Page 6 of 10

Commented [SZL6]: Please update this letter.

Project title:	Gympie and Webster Road Interesction, install pedestrian signals and lig	
Project risk level:	Low	
Communications Officer:	Melanie Castles	
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks - Manager, Delivery
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)	
	3. Ram Ramachandran – Principal Engineer	

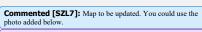
Kind regards,

I

The Project Team Metropolitan Region / Brisbane Office **Program Delivery and Operations Branch** | Department of Transport and Main Roads

DISTRIBUTION MAP (400m radius from site)





Commented [MZC8]: The wording on these letters will be determined by the approved information above.

Commented [SZL9R8]: Please update this later as per above



Project title:	Gympie and Webster Road Interesction, install pedestrian signals and lighting	
Project risk level:	Low	
Communications Officer:	Melanie Castles	
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)	
	3. Ram Ramachandran – Principal Engineer	



Site Map

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	Page 8 of 10

COMMUNICA	TION CONTROL PLAN -	CONSTRUCTION	
Project title:	Gympie and Webster Road Interesction, inst	Gympie and Webster Road Interesction, install pedestrian signals and lighting	
Project risk level:	Low	Low	
Communications Officer:	Melanie Castles	Melanie Castles	
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks - Manager, Delivery	
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)		
	3. Ram Ramachandran – Principal Engineer		



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	Page 9 of 10

Commented [SZL10]: Please provide more infmration

Project title:	Gympie and Webster Road Interesction, install pedestrian signals and lighting								
Project risk level:	Low	Low							
Communications Officer:	Melanie Castles	anie Castles							
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery							
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)								
	3. Ram Ramachandran – Principal Engineer								

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Sina Z Louei

From: Sent: To: Cc: Subject: Ho Y Lam Thursday, 29 April 2021 7:05 PM Ram Ramachandran Sina Z Louei; Colin J Campbell; David P Gough RE: Webster

Hi Ram,

Thanks for your email.

We have been consulting with John Chuong from E&T. He does not have any issue with Rate 3 lighting and he is happy to certify the design as the electrical RPEQ.

If we change the design from Rate 3 to Rate 2, this will delay the design of Stage 1 works (signalisation of the two slip lanes) and **the construction will not be able to be finished by June 2021** because;

- getting Rate 2 design approval from Energex can be quite lengthy compared to Rate 3 (Rate 3 will take about 1 week and Rate 2 will take about 4 weeks)
- there is insufficient information to design Rate 2 and we would need investigation of the Rate 2 network in the area (this will take a day or so to confirm how the current network functions and it is likely that we will need to address existing deficiencies of the network given the age/condition of the network) before we can do any Rate 2 design (we have actually contacted RoadTek to ask for assistance but they said they are too busy)

Currently the intersection does not meet any lighting standard at all.

If Chris Mason's area wish to have the whole network as Rate 2, we can do this under Stage 2 works so we can meet the design and construction deadline for Stage 1 works but this may require upgrade of the Rate 2 network in the area (which requires additional time and cost) pending on the investigation.

Happy to discuss if you have any concerns.

Regards,

From: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au> Sent: Thursday, 29 April 2021 6:42 PM To: Ho Y Lam <Ho.Y.Lam@tmr.qld.gov.au>

Cc: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>; Colin J Campbell <Colin.J.Campbell@tmr.qld.gov.au> **Subject:** Webster

Ho Yee

When I was talking to Peter Cal and Michael O'Shea today they were saying isolated Rate 3 lighting will not suitable at this intersection

Did you get advice from Chris Mason or someone there please?

Ram

Get Outlook for Android

Sina Z Louei

From:	Leona Z Kolaric
Sent:	Friday, 30 April 2021 9:37 AM
То:	Sina Z Louei
Subject:	RE: Project 1928208 - Gympie/Webster Road - Progress Meeting 01 Notes

Thanks Sina, will do.

Could you please provide the WBS for any Energex design review invoices?

Leona Kolaric

A/Principal Designer (Electrical) | Metropolitan Region / Technical Services
Program Delivery and Operations | Infrastructure Management & Delivery | Department of Transport and Main Roads

Floor 12 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 (07) 5563 6546 <u>leona.z.kolaric@tmr.qld.gov.au</u> www.tmr.qld.gov.au

From: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>
Sent: Wednesday, 28 April 2021 11:22 AM

To: Leona Z Kolaric <Leona.Z.Kolaric@tmr.qld.gov.au>; Samira Z Saliminamin

<Samira.Z.Saliminamin@tmr.qld.gov.au>; Alister J Martin <Alister.J.Martin@tmr.qld.gov.au>; Colin J Campbell <Colin.J.Campbell@tmr.qld.gov.au>; David P Gough <David.P.Gough@tmr.qld.gov.au>; John N Chuong <john.n.chuong@tmr.qld.gov.au>

Cc: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; Abu Sayeed S Choudhury <AbuSayeed.S.Choudhury@tmr.qld.gov.au>

Subject: RE: Project 1928208 - Gympie/Webster Road - Progress Meeting 01 Notes

Hi Team,

I would appreciate it if you could use the following code to capture your time working on this project on CATS.

- 52-01928208.C.DE.4.1 Detailed design

Please note that the previous code (52-01095633.C.DE.4.8 Gympie Rd/ Ellison Rd Signalised Slip lane) is blocked now. I will be transferring the current spent (~12k) on the project to the new code for March and April 2021.

Please let me know if you have any queries.

Kind regards,

Sina Louei Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division Department of Transport and Main Roads Floor 15 | Adelaide Street | Brisbane QLD 4000 PO Box 70 | Spring Hills QLD 4000 P: (07) 3347 5263 M: NR E: Sina.Z.Louei@tmr.qld.gov.au | W: www.tmr.qld.gov.au E: Sina.Z.Louei@tmr.qld.gov.au | W: www.tmr.qld.gov.au Customers first @ Ideas Into action @ Unleash potential @ Be courageous @ Empower people @ Queensland Greet state. Great opportunity.

Page Number: 84 of 333

From: Sina Z Louei
Sent: Thursday, 22 April 2021 12:26 PM
To: Leona Z Kolaric <Leona.Z.Kolaric@tmr.qld.gov.au>; Samira Z Saliminamin
(Samira.Z.Saliminamin@tmr.qld.gov.au) <Samira.Z.Saliminamin@tmr.qld.gov.au>; Alister J Martin
Alister J Martin
<a href="mailto:Ce:David P Gough <David.P.Gough@tmr.qld.gov.au">Ce: David P Gough <David.P.Gough@tmr.qld.gov.au; Ram Ramachandran
<Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au; Colin J Campbell <</p>
Colin.J.Campbell@tmr.qld.gov.au
; John N
Chuong <john.n.chuong@tmr.qld.gov.au</p>
Subject: Project 1928208 - Gympie/Webster Road - Progress Meeting 01 Notes

Hi Team,

We had our first progress meeting for Project 1928208 – Gympie/Webster Road today with Ram, David and myself as attendees.

Please see below items that was discussed during th	nis meeting for your information.
---	-----------------------------------

Item	Discussion points	Proposed Action
1. Project Team	 PM (Designer): @Colin J Campbell Designers: @Leona Z Kolaric, @Samira Z Saliminamin and @Alister J Martin RPEQ Engineers: @David P Gough (Civil works) @John N Chuong (Electrical works) 	- Nil
2. Design	The design is in progress and aiming for completion by end of April 2021	- Nil.
Progress	Due to constraint timeframe to deliver this project, a drat design to be prepared ASAP so RoadTek can start the process of ordering the material for the project	 Draft drawings to be issued to @Sina Z Louei by 28th of April in order to engage RoadTek
3. Problems	If the existing electrical pits are to be disturbed, pit replacement should be considered.	- Designer to action
impeding design progress:	 Items to be included into the schedule: Asbestos management (MRTS 96) due to possibility of asbestos conduits into the existing pits Trench crossing x2 to be included (per meter rate) Water blasting and/or grinding the existing pedestrian marking (RoadTek to decide which option to choose) 	- Designer to action
	The process to grant approval from Energex for the new cables to the new traffic signals and lighting to commence	- Designer to action
4. Project Schedule	 Draft Design (to aid with ordering materials) due by next Wednesday 28 April 2021 or earlier if possible (28 April 2021) IFT Design due on 30 April 2021 	- Nil
5. Next meeting	 Next Tuesday during fortnightly progress meeting 	- Nil

Please let me know if I have missed anything and I will add it to table above

Kind regards,

Sina Louei

Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division Department of Transport and Main Roads



Sina Z Louei

From: Sent: To: Cc: Subject: Attachments: Ho Y Lam Friday, 30 April 2021 1:25 PM Ram Ramachandran Sina Z Louei; Colin J Campbell; David P Gough RE: Webster 20210430 Gympie_Webster - Kym Eldridge and Chris Mason response.pdf

Hi Ram,

Please find attached endorsement from Kym Eldridge and Chris Mason for Gympie/Webster to have Rate 3 lighting.

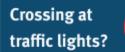
Chris has asked for opportunity to turn the whole lighting system at Gympie/Webster into metered Rate 3. Is this going to be included in the portion 2 work?

Please let me know if you have any questions.

Regards,

Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 M: NR ho.y.lam@tmr.qld.gov.au www.tmr.qld.gov.au





Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>
Sent: Friday, 30 April 2021 9:02 AM
To: Ho Y Lam <Ho.Y.Lam@tmr.qld.gov.au>
Cc: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>; Colin J Campbell <Colin.J.Campbell@tmr.qld.gov.au>; David P Gough <David.P.Gough@tmr.qld.gov.au>
Subject: RE: Webster

Ho Yee

Can you please check with Chris Mason about this Rate 2 or 3 matter.

If they agree that's fine.

If they insists that it should be Rate 2, then we have to design as Rate 2 and go ahead with installation. We will not switch on until Energex approval is received.

Kind Regards

Ram Ramachandran Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

From: Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>> Sent: Thursday, 29 April 2021 7:05 PM To: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Cc: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>; Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>>; David P Gough <<u>David.P.Gough@tmr.qld.gov.au</u>>; Subject: RE: Webster

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Thanks for your email.

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Currently the intersection does not meet any lighting standard at all.

If Chris Mason's area wish to have the whole network as Rate 2, we can do this under Stage 2 works so we can meet the design and construction deadline for Stage 1 works but this may require upgrade of the Rate 2 network in the area (which requires additional time and cost) pending on the investigation.

Happy to discuss if you have any concerns.

Regards,

Ho-Yee Lam Principal Engineer (Civil) Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads



Don't touch the button, elbow bump it instead!



Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>
Sent: Thursday, 29 April 2021 6:42 PM
To: Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>>
Cc: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>; Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>>
Subject: Webster

Ho Yee

When I was talking to Peter Cal and Michael O'Shea today they were saying isolated Rate 3 lighting will not suitable at this intersection

Did you get advice from Chris Mason or someone there please?

Ram

Get Outlook for Android

Ho Y Lam

From:Kym T EldridgeSent:Friday, 30 April 2021 10:47 AMTo:Chris L Mason; Ho Y LamCc:Shivakumar Z Raman; Colin J Campbell; David P GoughSubject:RE: Gympie/Webster - Lighting design check

Thanks Chris

Supported.

Kym

Kym Eldridge RPEQ Acting Principal Engineer (ITS Projects) | Metropolitan Region Program Delivery & Operations Branch | Department of Transport and Main Roads Floor 10 | 313 Adelaide Street | Brisbane Qld 4000 GPO Box 1412 | Brisbane Qld 4001 P: (07) 3066 8871 M: NR kym.t.eldridge@tmr.gld.gov.au

From: Chris L Mason <Chris.L.Mason@tmr.qld.gov.au> Sent: Friday, 30 April 2021 10:43 AM

To: Kym T Eldridge <Kym.T.Eldridge@tmr.qld.gov.au>; Ho Y Lam <Ho.Y.Lam@tmr.qld.gov.au>

Cc: Shivakumar Z Raman < Shivakumar.Z.Raman@tmr.qld.gov.au>; Colin J Campbell <Colin.J.Campbell@tmr.qld.gov.au>; David P Gough <David.P.Gough@tmr.qld.gov.au> **Subject:** Re: Gympie/Webster - Lighting design check

Thanks Ho-Yee,

Yes, happy with Rate3 design at this location.

Would prefer the entire intersection updated to R3, though understand timeframes.

Is there a plan to upgrade the rest of the intersection? We don't need another 'Old Cleveland Gateway' issue again.

In a perfect world, metered R3 (Rate3 design standard with a dedicated meter) will be the best option going forward - discussion for another day.

Apologies, for not mentioning it before, though when we install the new LEDs, can you also install the CMS nodes with them - save us going back later. Roughly \$110/node and they can be delivered with the LEDs - Mark Price from RoadTek will know what's needed.

Thanks again,

Regards,

Christopher Mason MIEAust, CPEng, RPEQ

Principal Engineer (ITS)

P: (07) 3066 5535

M: NR E: Chris.L.Mason@tmr.qld.gov.au

From: Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>>

Sent: Friday, April 30, 2021 10:03:03 AM

To: Kym T Eldridge <<u>Kym.T.Eldridge@tmr.qld.gov.au</u>>; Chris L Mason <<u>Chris.L.Mason@tmr.qld.gov.au</u>>;

Cc: Shivakumar Z Raman <<u>Shivakumar.Z.Raman@tmr.qld.gov.au</u>>; Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>>; David P Gough <<u>David.P.Gough@tmr.qld.gov.au</u>>; Subject: Gympie/Webster - Lighting design check

Hi Kym and Chris,

Hope you are well.

Apologies for the late notice but I have a really urgent job.

Metro management and BCC have made an agreement in early April 2021 to signalise the two slip lanes and provide sufficient lighting at these two slip lanes at Gympie/Webster intersection (see below screenshot) by 30 June 2021.

The project came to Metro TS around mid-April and the design must be finished by 30 April 2021 (today) to allow RoadTek to price the project and complete construction by 30 June 2021.

Due to the timeframe required to get approval from BCC and Energex (which will be at least 6 weeks) if we go with Rate 2 design, we were originally directed by Delivery to go down to Rate 3 design (since Rate 3 design requires less time for approval and this will allow TMR to complete construction by 30 June 2021.

We also tried to get RoadTek to investigate the Rate 2 network because we cannot get sufficient information from Energex if we choose to do Rate 2 design but RoadTek is too busy at the moment due to the other projects.

I understand that it is preferred to have Rate 2 lighting rather than Rate 3 lighting. Unfortunately due to political pressure and limited information, Rate 3 design was developed.

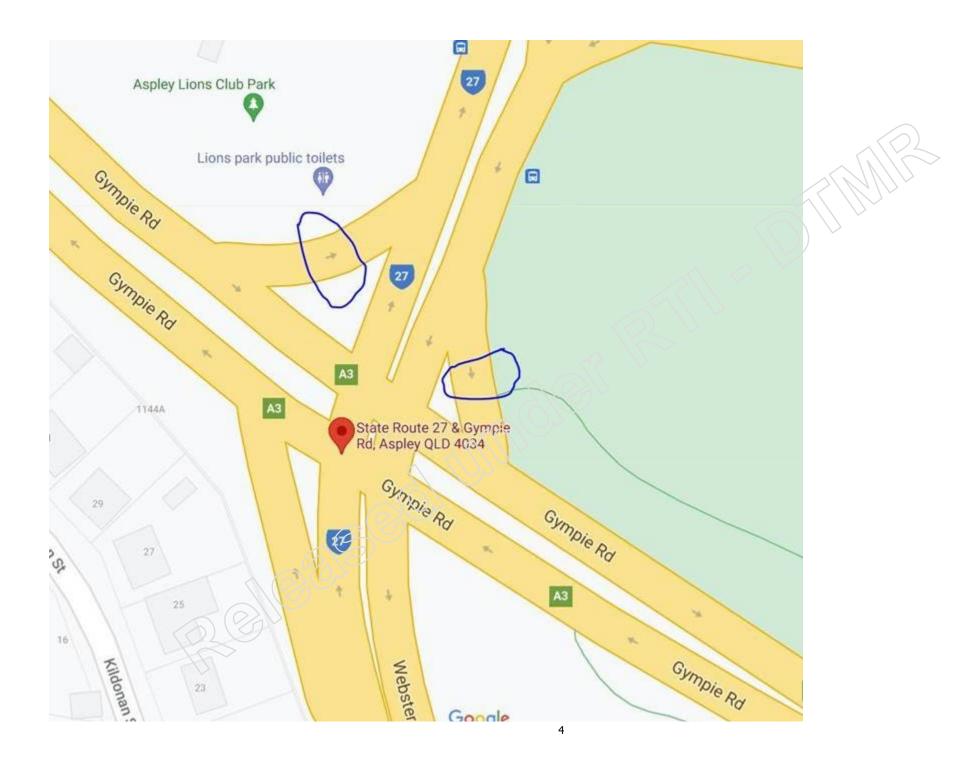
The Rate 3 lighting design checked and certified by John Chuong from E&T. This morning Delivery has asked me to get your team to have a quick look of the Rate 3 design to make sure your team are happy with it.

JURASE CONTRACTOR OF A CONTRACT OF A CONTRAC I apologise for the late notice and will really appreciate if you can get someone to have a look ASAP.

Can you please review the drawings and get back to me by today?

Thanks very much for your help.

Figure 1 – Gympie/Webster



Page Number: 93 of 333

Regards,

Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 NŔ M: ho.y.lam@tmr.qld.gov.au www.tmr.qld.gov.au



Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>> Sent: Friday, 30 April 2021 1:14 PM To: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>

Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>> **Subject:** Gympie and Webster IFT drawings and schedules

Hi Sina,

Please find attached the IFT drawings and schedule for Gympie and Webster Slip Lane Ped Protection.

If you have any questions, please contact me on the below numbers for assistance.

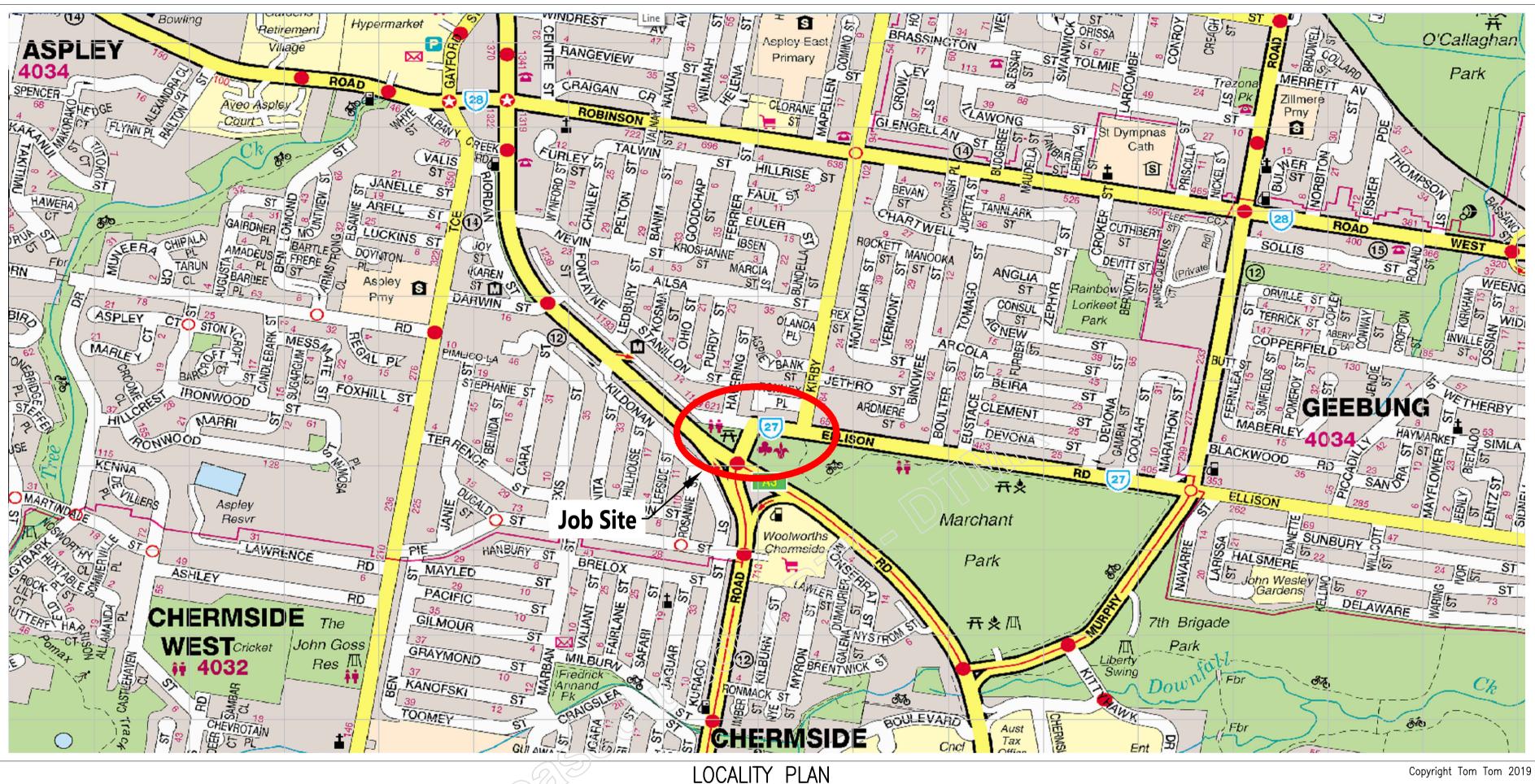
Colin Campbell

Principal Designer (Civil) | Metropolitan Region / Technical Services
Program Delivery and Operations | Infrastructure Management & Delivery | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 (07) 3066 5558 colin.j.campbell@tmr.qld.gov.au www.tmr.qld.gov.au



BRISBANE CITY COUNCIL GYMPIE ARTERIAL ROAD (U14) WEBSTER ROAD SLIP LANES UPGRADE



CIVIL DRAWING INDEX

Drawing Number	Revision	Date	Series Number	
887548	А	04/2021	1	LOCALITY PLAN AND DRAWING IND
887549	А	04/2021	2	SIGNS AND LINEMARKING – SHEE
	A A	,		

TOTAL NUMBER OF DRAWINGS = 2

ELECTRICAL DRAWING INDEX

Drawing Number	Revision	Date	Series Number	Drawing Description
887550	A	04/2021	1	TRAFFIC SIGNAL INSTALLATION OPERATIONS AND ELECTRICAL CONNECTION – SHEET 1 OF 2
887551	A	04/2021	2	TRAFFIC SIGNAL INSTALLATION OPERATIONS AND ELECTRICAL CONNECTION – SHEET 2 OF 2
887552	A	04/2021	3	TRAFFIC SIGNAL INSTALLATION ELECTRICAL DESIGN LAYOUT
887553	A	04/2021	4	TRAFFIC SIGNAL INSTALLATION NOTES AND SCOPE OF WORK, PITS, CONDUITS AND EQUIPMENT SCHEDULES
887554	A	04/2021	5	RATE 3 ROAD LIGHTING SITE LAYOUT
887555	A	04/2021	6	RATE 3 ROAD LIGHTING SINGLE LINE DIAGRAMS AND SCHEDULES
	•	•	•	•

TOTAL NUMBER OF DRAWINGS = 6

Associated Job No Surv Horiz. Datum Auxiliary Drg Nos Horiz. Grid Height Datum A Issued for Tender Survey Signatory: - RPEQ Full Name, Eng. Area and RPEQ No. or Revisions/Descriptions Date - Full Name and Position Title Books CAD FILES G:\WHRF-Projects\201 - Brisbane City Council (140)\201-U14-1095633 Gympie Webster\3_Development\Design\WM\02_Drawings\LOC001 LOCALITY PLAN AND DRAW

DEX – SHEET 1 OF 1

ET 1 OF 1

SCHEME SUBMITTED
This design meets the Transport and Main R Guidelines and the re
FULL NAME:
POSITION TITLE:
SIGNED (IF WET INK):
SCHEME SCOPE ANI
l hereby certify that relevant project on Q program.
FULL NAME:

POSITION TITLE:

SIGNED (IF WET INK):

rvey Data	Scales		BRISBA	NE CITY C	OUNCIL		LOCALITY						
	NTS	CTL CHGE	WEBSTER	r road inte	RSECTION								
			Reference Points										
		Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	ISSU						
\backslash	Dimensions shown in metres except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7							
WING INDEX.dwg		,		.751km – 4.611km		014/7							

DESIGN CLASS

This design has been undertaken in accordance with the Road Design "Class D" Guidelines as specified in Table 1.1 of the Department of Transport and Main Roads Guidelines for Road Design on Brownfield Sites (July 2013)

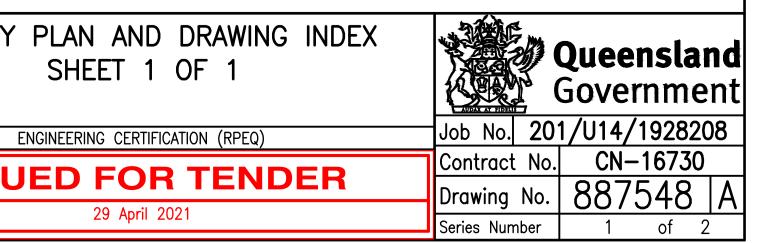
D: (External Consultants or Internal Business Unit): he requirements of all relevant Australian Standards, Austroads Guidelines and Roads - Policies. References, Standards, Planning and Design Instructions, equirements of the project brief/functional specifications.

DATE:

ORGANISATION:

ND FINANCIAL APPROVAL: (Regional Director or Delegate): this scheme complies with the intent of the scope and financial limits of the QTRIP and the scheme is approved for release in accordance with that

DATE:



LEGEND UNLESS OTHERWISE STATED

- NEW 1x80mm UPVC CONDUIT _ NEW 2x100mm UPVC CONDUIT EXISTING 1x80mm UPVC CONDUIT _____ EXISTING 2x100mm UPVC CONDUIT _ $\langle 1 \rangle$ STATION NUMBER 175W ROADLED LUMINAIRE TO INSTALL EXISTING 250W HPS LUMINAIRE **H** $\langle PX \rangle$ PIT NUMBER
- NEW POST-TOP MOUNTED SWITCHBOARD 🗖 PT
- NEW CIRCULAR PIT 0

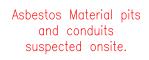
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- EXISTING CIRCULAR PIT
- EXISTING No.4 PIT
- EXISTING No.7 PIT - No.7
- EXISTING TRAFFIC SIGNAL CONTROLLER і
- EXISTING POWER POLE ۲
- NEW TERMINATION BOX (POS)
- TMR FIBRE COMMS ROUTE
- ADVANCED FLASHER CABLE ROUTE

WARNING SOME 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.

WARNING



LIGHTING DESIGN COMPLIANCE CERTIFICATE THIS LIGHTING DESIGN COMPLIES GENERALLY WITH THE NOMINATED SUB-CATEGORY OF AS/NZS 1158.3.1:2005.

٧3

1 ED 17EW

NAME: LEONA KOLARIC

LIGHTING SUB-CATEGORY LUMINAIRE DETAILS: MANUFACTURER & MODEL TYPE & WATTAGE

I-TABLE INITIAL LUMENS	ROADLED 175W 4K 02A AERO 216150M 21400
COMPUTER DESIGN DETAILS:	SYLVANIA ROADSTER - PHILIPS LIGHT HPS S250C, & S150C 98100.cie, & 98207.cie 27, 500 & 14,500
AS1158.2.2005 COMPLIANT S/WARE	PERFECT LITE

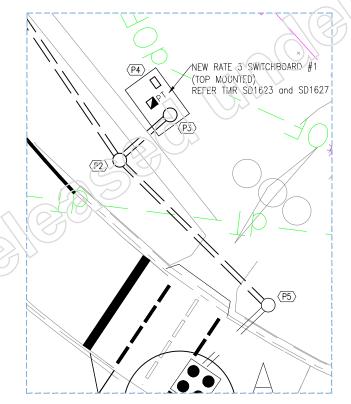
DATE: 29 FEBRUARY 2021

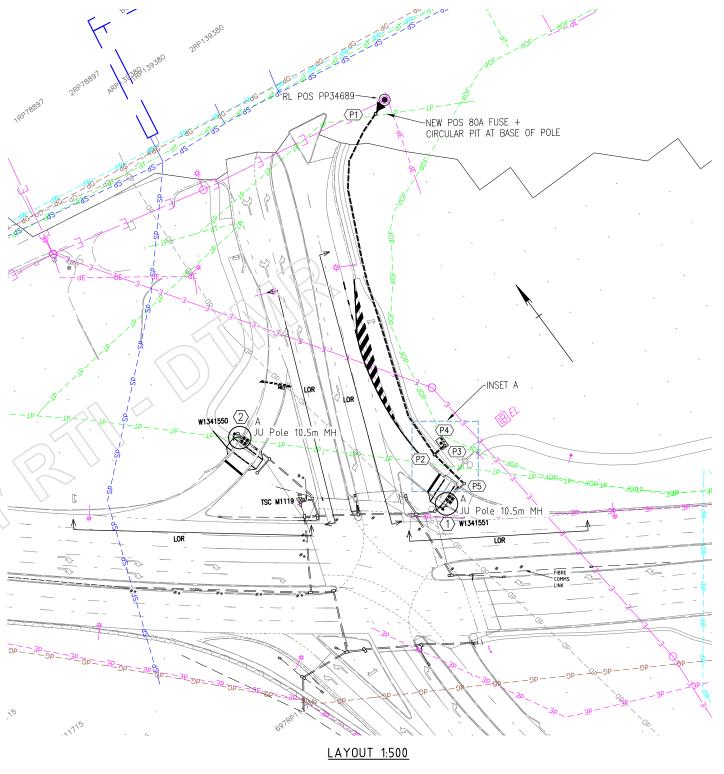
GERARD ROADLED - AERO

TITLE: PRINCIPAL DESIGNER (ELECTRICAL)

SOURCE OF PROGRAM WADELLO PTY LTD MAINTENANCE FACTOR 0.75 HPS, 0.8 LED ROAD REFLECTION CLASS N/A ALL LIGHTING CALCULATIONS ARE AVAILABLE UPON REQUEST.

FOR LIGHTING ARRANGEMENT, SPACINGS, MOUNTING HEIGHTS, OUTREACH DETAILS AND SIGNIFICANT ROAD FEATURES, REFER TO DRAWING.





INSET A 1:100

	Associated Job N	Horiz.	Scales	BRISBANE CITY COUNCIL GYMPIE ARTERIAL ROAD				RATE 3 ROAD LIGHTING SITE LAYOUT					Queensland		
	Auxiliary Drg No	Datum os Horiz. Grid	0 5 10 15 20m	CTL CHGE		E ARTERIAL					SHE LA	AYOUT			iovernmen
	_	Height Datum	0 1 2 3 4m	Preceding		eference Points From start to	From end to	Following	Drawn L.KOLARIC	ENG. AREA	ENGINEERING C NAME	ERTIFICATION (RPEQ) SIGNATURE	No. DATE	Job No. 201 Contract No.	<u>/U14/1928208</u> CN-16730
A Issued For Review Revisions/Descriptions Name or RPEQ No. Signature Dat	_	Survey Books	Dimensions shown in metres except where shown otherwise	- RP U14/5	of job (km)	end of job	Following RP	RP	Designed	ELECTRICAL		NR	2696 29.04.20	²¹ Drawing No.	887554 A
GAD FILES \\corp.tmr.qld.gov.au\shares\Groups\WHRF-Projects\201 - Brisbane City Council (140)\201-U14	1095633 Gympie Webs			,	ge from approx. 4	.751km – 4.611km			L.KOLARIC					Series Number	RL-1 of 2

Page Number: 98 of 333

DBYD SERVICES --dt---dt---- DBYD TELECOMMUNICATIONS UG -dof---dof---- DBYD OPTIC FIBRE UG

--dG - - dG - DBYD GAS UG--de---de---- DBYD ELECTRICITY UG E-E-E-E-E-E-E-EXISTING ELECTRICITY OH

DBYD WATER MAIN UG

RATE 3 NOTES:

- Lighting Scheme to comply with AS/NZS 1158:2005 and AS/NZS 3000:2018. 1. Lighting Design Compliant to Category V3 of AS/NZS 1158.1:2005 within the 2.
- extents of LOR. Lighting Scheme to comply with TMR RPDM Vol 6 2nd Ed. 3
- Lighting Scheme to comply with DMR Standard Specifications MRTS 91, MRTS 4 92, MRTS 94, MRTS 256.
- Installation to comply with AS/NZS 1158..1.1:2005, AS/NZS 3000:2018 and 5. TMR Rate 3 Design Requirements.
- All materials and methods to conform with current TMR Standard Drawings and Specifications including MRTS91, MRTS92, MRTS94, MRTS210, MRTS228, 6. MRTS256
- Refer TMR SD1627 for switchboard slab layout and construction details. Luminaires at all stations shall be at right angles to the carriageway. Refer TMR SD1677 for detailed joint—use electrical wiring details and SD1327 8 9 for mains connections details.
- 10. For traffic signal requirements refer drawing no. 887553.
- Fus establisher requirements for a during the borrows.
 Fuse size has been nominated to comply with both load and fault loop impedance requirements. Any variation to be checked to confirm continuing compliance.

SCOPE OF WORKS:

- 1. Joint-use poles and footings to be installed under Traffic Signal Work Package. Refer to drawings 887550-887553. Refer to drawing 887555 for road lighting schedules and schematic.
- 2. Supply and installed new switchboard as per TMR SD Drawing 1623 and 1627. 3. Supply and install new conduit as shown in layout and schedule. Footpath
- reinstatement required. Refer to Civil Work Package for details. 4. Supply & install new road lighting outreaches and luminaires as shown in
- layout and schedule.
- 5. Supply and install new cabling and switchgear as shown in layout and schedule. 6. Supply, install, test and commission all works in accordance with TMR Standard Drawings, Technical Specifications, Technical Notes, Technical Guidelines, AS/NZS 3000: 2018 and all other relevant Australian Standards.

SHEET 1	OF 2	
		NUMBER: S2300240 CHERMSIDE

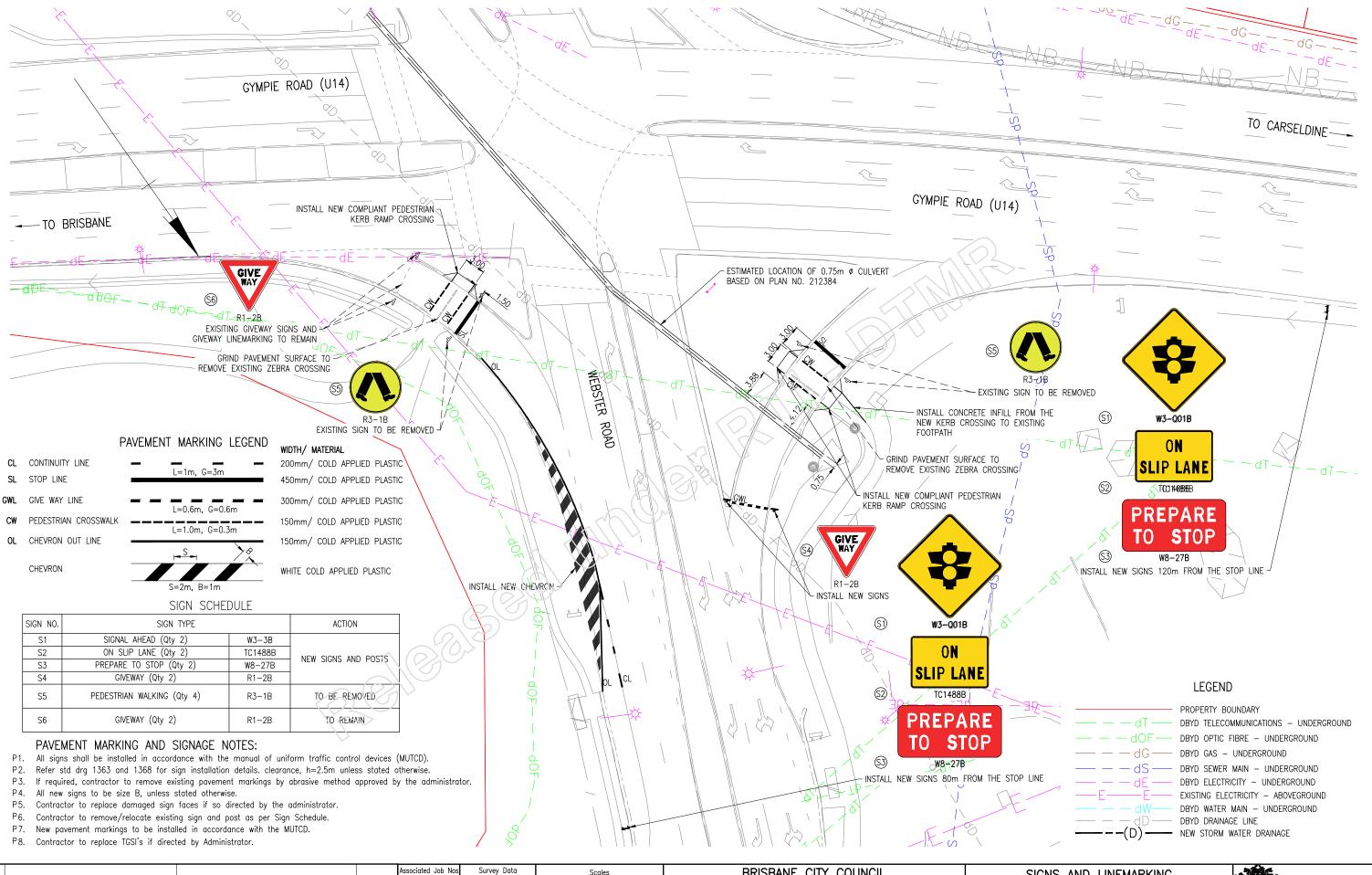
											-														
																UN	DERG	ROUND EL		CAL	CABLE	SCHE	EDUL	E	
												L	DCATION		STATIONS FRO	W VOLTS	EX RE		CAE SIZE/			PART SD 1		TOTAL LENGTH	REMARKS
			PE												POS-SB	SL		X 25	5mm 2C	XPLE/	/PVC	02	9	120m N	ew Cable to be install
W RATE	3													İ	SB-STN 1	SL		X 16	6mm 2C	XLPE/	/PVC	02	2	44m N	ew Cable to be install
WITCHBOAF						$\langle 1 \rangle$	2						& WEBST		STN 1 - STN	2 SL		X 16	6mm 2C	XLPE/	/PVC	02	2	89m N	ew Cable to be installe
													ο α. WED31		STN 1 - 1	SL		X + 6	4mm 2C 6mm EAR	TH PV	C/PVC	016,	018	6m N	ew Cable to be install
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1							MEASURE	$ED Z_S = $	Ω						FRO		\sum	QUANTITY		im)	" U	JSAGE	LEI	NGTH (m)	COMMENTS
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ł				1				t symbol le							P2 P2			2	+	00		CTRICAL	-	5	INSTALL NEW
j.				9				pply Authority Serv					1	$\langle \rangle$		×1			<u></u>		<u>,</u>		2		
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1									$\langle \rangle$	\bigcirc						P2 5	2329.4	14 169439	0.125	CIRCU	JLAR			INSTALL	NEW
1										NO.)~					P3 5	2332.96	66 169439	9.466	CIRCU	JLAR			INSTALL	NEW
1									$\sim (0)$	N						P4 5	2333.35	54 169441	.290 T	YPE 3	EARTH	ĺ.		INSTALL	NEW
į.								27								P5 5	52331.18	39 169428	3.343	CIRCU	JLAR	INS	TALLED) IN TRAFFIC SIG	NALS WORK PACKAGE
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OOA T	Ϋ́́					(0Y	p-		SITE ID	POL	EORC	OMPONEN	ITS		LUMI	NAIRE		0	UTREA	CH BRA	СКЕТ МО			
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<u></u>	<u></u>					9 P)		1	W134155	ID P P01	(m)		(m) .5JUS		LUMINAIR	E CUST	GERARD		(m)	(m)		0.5	INSTALL NEW C	/r & luminaire, ju pol
i {==	N		Refe	er to TMR star nos. 1623 &	idară			GYMPIE RD & WEBS	STER RD	W134155	+				SL1			ROADLED 175W GERARD ROADLED 175W					0.5	INSTALL NEW C	RAFFIC SIGNAL WORK PAC /R & LUMINAIRE, JU POLE RAFFIC SIGNAL WORK PAC
l			5		CHV		2		-								1				~			NJALLED UNDER I	TALLIC SIGNAL WORK PACE
Å	N	25mm² 2C XLPE/PVC		$\langle Q \rangle$				CIRCUIT NO	TES																
				$\langle \Box \rangle$	7			1. Calculations b 2. Fault loop imp	ased on 23	SOV supply culated u	/ for sin sing the	ngle pho e followi	ise and ng:	400V fo	or three phase										
		DS P34689	(provide 80A	fuse in POS)				a)	5 sec dis 0.4 sec d	connect t	me pit	to pit,	undergro												
				,				c)	Din Rail n Trip curre	nounted r	nulti pur	rpose fu	se switch	n;											
C	IRCUIT SCHEM	IATIC						3. Fault loop im	pedance sh	all be me	asured	and cor	firmed c	omplian	t with TRUM v	olume 4 p	art 8 a	nd AS/NZS30	000 by in	stallin	g electri	ical	0-		
_								contractor. Mo 4. Maximum ratir	ax allowable	fault loc	p imped	dance s	hall be a	is speci	fied in TRUM	Volume 4	Part 8.							SHEET 2	OF 2
				5. Voltage drop							10110111011103. 11	not met, (ontuct	acaigner Delo		୍ ାର ଟା	nor giacu.			ENERCEY	PROJECT NUMB				

Walking of rase to comply with radic top impedance re 5. Voltage drop calculations based on the following start and run currents: 175W LED Run = 0.77A

	Associated	Job Nos	Survey Data	Scales		BRISBANE CITY COUNCIL			RATE 3 ROAD	LIGHTING			
		Dat	um			GYMPIE ARTERIAL ROAD			SITE LAY	OUT			eensland vernment
	Auxiliary [Drg Nos Hor Grid	z.	NTS	CTL CHGE	WEBSTER ROAD INTERSECTION	/					Contraction of the second seco	
		Heid	ht j	1		Reference Points		Drawn	ENGINEERING CERT	IFICATION (RPEQ)			14/1928208
		Dat	um		Preceding	Dist. to start From start to From end t	p Following	L.KOLARIC	ENG. AREA NAME	SIGNATURE	No. DATE	Contract No. C	CN-16730
A Issued For Review		Sun	/ey	Dimensions shown in metres	RP	of job (km) end of job Following R		Designed	ELECTRICAL J.CHUONG		2696 29.04.2021	Drawing No. 8	87555 A
Revisions/Descriptions Name or RPEQ No. Signature	Date	Boo	ks	except where shown otherwise	U14/5	1.741 0.14 1.359	U14/7						
CAD FILES \\corp.tmr.dd.gov.au\shares\Groups\WHRF-Projects\201 - Brisbane City Council (140)\20	1-U14-1095633 Gympie	e Webster\3_D	evelopment\Design \WW	10_Electrical/Lighting/Rate 3.dwg	Th wash Chainage	e from approx. 4.751km — 4.611km		L.KULARIC				Series Number RL	L-2 of 2

Page Number: 99 of 333

ENERGEX PROJECT NUMBER: S2300240 PROJECT SUBURB: CHERMSIDE



F		Associated Job Nos		ey Data	Scales		BRISBA	NE CITY C	OUNCIL		SIGN
			Horiz. Datum	\backslash			GYMPIE A	RTERIAL RO	AD (U14)		
c		Auxiliary Drg Nos	Horiz. Grid		0 2 4 6 8 10m	CTL CHGE	WEBSTER	, ROAD INTE	RSECTION		
B			Height		1		Re	ference Points			E
A Issued for Tender			Datum			Preceding	Dist. to start	From start to	From end to	Following	ISSU
Revisions/Descriptions Signatory: - RPEQ Full Name, Eng. Area and RPEQ No. or	Date		Survey		Dimensions shown in metres	RP	of job (km)	end of job	Following RP	RP	1330
- Full Name and Position little			Books		except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7	
CAD FILES G:\WHRF-Projects\201 - Brisbane City Council (140)\201-U14-1095633 Gympie Webster\3_Development\Design\WM	1\02_Drawings	SIGNS AND LINEMARKIN	lG.dwg			Through Chainage	e trom approx. 4.	751km – 4.611km			·

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Department of Transport and Main Roads MRR_Detail (08/19)

IGNS AND LINEMARKING SHEET 1 OF 1	Queensland Government
ENGINEERING CERTIFICATION (RPEQ)	Job No. 201/U14/1928208
	Contract No. CN-16730
	Drawing No. 887549 A
29 April 2021	Series Number 2 of 2
· · ·	

Project Number:	
Contract Number: 0	
Project Boundary: BRISBANE CITY COUNCIL	A WIANN
Asset Name: U14 GYMPIE ARTERIAL ROAD	
Location: WEBSTER ROAD INTERSECTION	Queensland Government
B	

Work Package B - Road Construction (Traffic Signals)

	Work Package B - Road Const	truction (Traffic Si	gnals)
em Number	Description	Unit of Measure	Quantity	Unit Rate (\$) Amount (\$)
RS02 Jul 20		1		
	Provision for Traffic			
20017.01	Planning of temporary traffic management (TMP)	lump sum	1.00	
	Design of temporary traffic management (TGS)	lump sum	1.00	
	Implementation, maintenance and removal of	lump sum	1.00	
20019 01	temporary traffic management	iump sum		
20010.01	temporary trano management	lump sum	1.00	
20020.01 RS96 Jul 17	Administration of temporary traffic management			
	Management and Removal of Asbestos			
21301.01	Identifying and managing asbestos on Site [pits and	lump sum	1.00	
	conduits within scope of works]			
21302.01	Removing and disposing of Asbestos Containing	lump sum	1.00	$\langle \rangle$
	Material on Site [pits and conduits within scope of			
RS91 Jul 20	works]			
391 Jul 20	Conduit and Conduit Eittings Undergroup			l ~
60007 04	Conduit and Conduit Fittings Underground Supply and installation of [2] of [100] mm, [HD], [rigid	m	20.00	
00007.01	PVC orange electrical] conduit(s), in [concrete island].		20.00	
60007.02	Supply and installation of [2] of [100] mm, [HD], [rigid	m	20.00	
	PVC orange electrical] conduit(s), in [road].			
	Ancillary Works		\sim 1	
60154.01	Removal of cable jointing pit(s) (all types)	each	2.00	
	Cable Jointing Pits	$\int \int \int dx$		
60204.01	Supply and installation of cable jointing pit [Circular].	each	6.00	
S92 Mar 18	(NOV.		
	Traffic Signal Footings			
60301.01	Traffic signal post footing	each	4.00	
	Road Lighting Footings			
60351.01	Road lighting pole footing, [600] mm diameter.	each	2.00	
S93 Oct 17				СТРІ
	Traffic Signal Equipment			
60403.01		lumpsum	1.00	
00/00	new finials to suit 36 core cable]			
60403.02	Supply and installation of traffic signal equipment, [1x	lumpsum	1.00	
	8-Group Lamp Control Module] Traffic Signal Posts and Mast Arms			
60450 01	Supply and installation of traffic signal post [4.1]	each	4.00	
00-103.01	metres long, [without] hinged baseplate.	Guon	4.00	
60461.01	Supply and installation of joint use traffic signal and	each	2.00	
	road lighting pole, [8.5] metres long.			
	Traffic Signal Lanterns			
60507.01	Supply and installation of [ground mounted] traffic	each	6.00	
	signal lantern, [LED], [2] aspect, [200] mm aspect			
60508 01	diameter, and [single] (arget board. Supply and installation of pedestrian lantern, [LED].	each	4.00	
	Supply and installation of traffic signal pedestrian push	1	4.00	
00011.01	button, [audio-tactile].		4.00	
	Detector Loops			
60556.01	Surply and installation of Personality EPROM	lumpsum	1.00	
	Commissioning and testing of Personality EPROM	lumpsum	1.00	
S256 Jul 18				
$\langle \nabla z$	Power Cables			
67103.01	Supply of traffic signal cable, [1.5mm²], [36] cores,	m	420.00	
	[XLPE], [PVC], [Cu].			
67103.02	Supply of traffic signal cable, [1.5mm²], [19] cores,	m	10.00	
	[XLPE], [PVC], [Cu].			
67110.01	Installation, jointing and termination of traffic signal	m	420.00	
07440.00	cable, [36] cores.		10.00	
6/110.02	Installation, jointing and termination of traffic signal	m	10.00	
67404 04	cable, [19] cores. Removal of underground cable	m	200.00	
0/19101		m	200.00	1

Project Number:	
Contract Number: 0	
Project Boundary: BRISBANE CITY COUNCIL	A WEAKS
Asset Name: U14 GYMPIE ARTERIAL ROAD	
Location: WEBSTER ROAD INTERSECTION	Queensland Government
C	

NOTE: Estimate must be considered absolutely as the property of Transport and Main Roads until the acceptance of a tender, and must under no circumstances be divulged.

Work Package C - Road Construction (Road Lighting)

Item Number	Description	Unit of Measure	Quantity	Unit Kate (\$)	Amount (\$)
MRS02 Jul 20					~
	Provision for Traffic				
20017 01	Planning of temporary traffic management (TMP)		1.69		
		lump sum	1.00		
20016.01	Design of temporary traffic management (TGS)	lump sum			
	Implementation, maintenance and removal of	lump sum	1.00	2	
20019.01	temporary traffic management				
		lump sum	1.00		
	Administration of temporary traffic management				
MRS91 Jul 20					
	Conduit and Conduit Fittings Underground				
60007.01	Supply and installation of [2] of [100] mm, [HD], [rigid	m/	115.00		
	PVC orange electrical] conduit(s), in [earth].		7		
	Cable Jointing Pits				
	Supply and installation of cable jointing pit [Circular].	each	3.00		
	Supply and installation of cable jointing pit [P4].	each	1.00		
MRS94 Nov 19					
	Road Lighting	()			
60702.01	Supply of [single] road lighting outreach arm, [3000]	each	2.00		
	mm long.				
	Installation of road lighting outreach arm	each	2.00		
60724.01	Supply and installation of road lighting luminaire,	each	2.00		
	[Gerard], [ROADLED 175W 02A AERO 4K 216150M].				
MRS228 Jul 18					TPI
	Switchboards				
64201.01	Supply of top mounted switchboard and ancillary	aaab	1.00		
04201.01	components	each	1.00		
64202.01	Supply and construction of a concrete pad for the	lump sum	1.00		
	erection of switchboard post	iump oum			
	Installation of top mounted switchboard and	each	1.00		
64203.01	ancillary components				
MRS228 Jul 18					
	Mains Connection				
64251.01	Supply of mains connection equipment, including the	each	1.00		
	supply of mains connection cable, [110m], [LV mains				
	to 80A fuse), [25mm ²], [2] cores, [XLPE], [PVC], [Cu].				
	$(\vee \mathcal{I})$				
64252.01	Instaliation of mains connection including mains	each	1.00		
	connection cable				
MRS256 Jul 18					
	Fover Cables				
67101.01	Supply of underground road lighting cable, [16mm ²],	m	130.00		
GEADE DA	[2] cores, [XLPE], [PVC], [Cu].	oach	2.00		
	Supply of cable joint, [fused].	each	2.00		
67109.01	Installation, jointing and termination of underground	m	130.00		
	road lighting cable, [2 cores]		Workpacka		

FORM - COM	MUNICATIO	N FOR STA	RT C		S			
Metropolitan Region	Metropolitan Stakel	holder Engagement T	Team					
Phone:	3066 4338							
This form needs to be filled out and s prior to the start of construction date risk level projects.								
Communication requirements for high Metropolitan Stakeholder Engageme		cts need to be discus	ssed on a	an individual bas	sis with the			
PROJECT TITLE	METD 201-U14; (Gympie Arterial Ro	ad and V	Webster Road	intersection,			
	install pedestrian signals; 1928208							
Who is delivering this work for Metro Region?	RoadTek							
Funding	Funding Program	n	- <u> </u>	eted Road Safe	ety Program			
	Funding Figure		\$500,	000.00				
	Project # / 3PCN	/I / Investment #	19282	208				
	CATS		52-01	928208.C.DE.	4.1			
	DMS Container	Number	To be	advised				
	Risk		Low	Med	High			
Project location - please	Road name 201-U14; Gympie Arterial Road and Webster Road							
provide map/drawing	Place	Brisbane						
	Inbound	Outbound		Slip lanes lo the north sic Webster Roa	le of			
Duration of works – how long do you anticipate works taking?	4 Weeks	9		-				
What does these works entail?	located at the Gyl Design and	e undertaken? installation of pede mpie Rd/ Webster I construction of sig detector loops and	Rd Inter nal footi	section	conduits,			
Project benefits	and Main Roads 4 4: Intersections a areas where there lanes should be a be removed or sig to the slip lane co With respect to al Webster Rd Inters therefore, pedesti the appropriate lo Why will the work	bove, the slip lanes section lane are no rian signals and lig poations. benefit the commu nee the safety of pe	troads (neral, A emand, i d inters stances located n-confo hting to unity? –	Guide to Road ppendix A.7.1 unsignalised le ections. A slip , or an alternal I at the Gympie rming to the st be designed a The provision	Design Part states that in ft turn slip lane should tive treatment e Rd/ andard and nd installed at of these			

PROJECT TIMING	Day: 17 th (Monday) Month: May Year: 2021 to Day: 31 st (Saturday) Month: July Year: 2021	 Day works Night works Both Time: Nightwork: 07pm to 05am 	 ➢ Monday ➢ Tuesday ➢ Wednesday ➢ Thursday ➢ Friday ➢ Saturday ➢ Sunday 	
CONSTRUCTION IMPACTS: • COMMUNITY • TRAFFIC • PEDESTRIAN • OTHER	 Expected impacts: Loud noise, du construction ad construction ad construction he construction he Partial lane clo After construction: No impact 			
PROJECT IMPACTS (other)	Will there be any acce during or after constru <i>street and private prop</i> Are the works removir	☐ Yes / ⊠ No		
	(if yes, please provide Do these works impact stops? (if yes, you will and advise of this)	☐ Yes / ⊠ No		
	Do you envisage requ undertake these works	iring a Notice of Entry to s?	🗌 Yes / 🔀 No	
	users - road users will be information, or		🛛 Yes / 🗌 No	
	Has the affected coun regarding these works	cil been informed/consulted ?	🗌 Yes / 🖂 No	
	Does this project requ consultation?	ire project briefings or	🗌 Yes / 🔀 No	
	Has prior consultation project?	been undertaken for this	🗌 Yes / 🖾 No	
	Have you organized a Communications Offic		Date: N/A	
PROJECT DETAILS	Metro Project Manag Name: Sina Louei Email: Sina.Z.Louei@			

<u>Metro_Stakeholder_Engagement_Team@tmr.qld.gov.au</u> Once received by the Stakeholder Engagement Team a Communications Officer will be allocated to your project.

COMMUNICATION CONTROL PLAN - CONSTRUCTION								
Project title:	Gympie and Webster Road Interesction, inst	all pedestrian signals and lighting						
Project risk level:	Low							
Communications Officer:	Melanie Castles							
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery						
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)							
	3. Ram Ramachandran – Principal Engineer							

PROJECT TITLE	Gympie and Webster Road Interesction, install pedestrian signals and lighting
OPENING PARAGRAPH	The Department of Transport and Main Roads (TMR) would like to advise that pedistrain signals and lighting will be installed at the slip lanes located at intersection of Gympie and Webster Road (southbound), Aspley.
PROJECT BENEFIT / DESCRIPTION / ACTIVITY	These works were initiated as safety improvements to the Gympie Arterial Road due to local demand and infrastructure upgrades required at this location.
	As part of the works, the existing pedestrian ramps will be upgraded to suit for both pedestrian and cyclists shared path.
	Works will improve safety for all road users, providing greater separation between pedestrians, bike riders and traffic travelling southbound.
PROJECT TIMING	 Works will commence mid-May 2021 and be completed by late July 2021, construction and weather conditions permitting.
	 The majority of work will be undertaken at night for the safety of the work crew and road users and to minimise the impact to the road network. However, there will also be occasional works carried out during the day. Typical construction hours will be nightworks from 7pm to 5am Sunday to Thursday.
PROJECT WORK	The safety-based works will include the installition of pedestrian signals and lighting at the slip lanes located at the intersection of Gympie road to Webster Road, Aspley.
	Upgrades to the existing pedestrian ramps to accommodate for both pedestrian and cyclists shared path.
	Provision of chevron marking at the corner of Webster Road to Gympie Road to stop drivers from using the shoulders to get to the slip lane.
CONSTRUCTION MRACTS:	Expected impacts
• COMMUNITY • BUSINESSES • TRAFFIC	 Nearby residents and businesses may experience short-term impacts including noise, light and dust from construction equipment and activities onsite.
PEDESTRIANOTHER	 Road users will experience minor delays due to changed traffic conditions while work is underway. This will include partial shoulder and lane closures, temporary speed reductions and short-term traffic disruptions.
KEY MESSAGES (USE ONLY IF NECESSARY INFO HAS NOT YET BEEN STATED)	

COMMUNICATION CONTROL PLAN - CONSTRUCTION				
Project title:	Gympie and Webster Road Interesction, install pedestrian signals and lighting			
Project risk level:	Low			
Communications Officer:	Melanie Castles			
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery		
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)			
	3. Ram Ramachandran – Principal Engineer			

REQUIRED COMMUNICATION ACTIVITIES:

ACTIVITY	DETAILS	
PRIMARY STAKEHOLDER NOTIFICATION - ELECTED REPRESENTATIVES	Sent 2 weeks prior to construction.	Mandatory for all work. Sent to relevant elected representatives, (Fed, State and Council)
SECONDARY STAKEHOLDER NOTIFICATION	Sent 1 weeks prior to construction.	Notification sent to community groups, residents and businesses within the project footprint
DISTRIBUTION MAP	As below	The distribution area for the SECONDARY STAKEHOLDER NOTIFICATION.
MEDIA RELEASE (Start of construction)	🗌 Yes / 🔀 No	Will be sent to the TMR Media Unit upon DRD approval of the Media Statement.
VMS and TRAFFIC MANAGEMENT (BMTMC)	Yes / 🗌 No	TMR to complete
PROJECT WEBPAGE	🗌 Yes / 🔀 No	Follow necessary process if new page.

COMMUNICATION CONTROL PLAN - CONSTRUCTION				
Project title:	Gympie and Webster Road Interesction, install pedestrian signals and lighting			
Project risk level:	Low			
Communications Officer:	Melanie Castles			
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery		
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)			
	3. Ram Ramachandran – Principal Engineer			

AFFECTED STAKEHOLDERS AND COMMUNITY

PRIMARY	Federal	Hon. Luke Howarth MP		
STAKEHOLDERS -		Member for Petrie		
ELECTED		luke.howarth.mp@aph.gov.au		
REPRESENTATIVES	State	Mr Bart Mellish		
		Member for Aspley		
		Aspley@parliament.qld.gov.au		
		\sim		
		transportandmainroads@ministerial.qld.gov.au		
	Local	Brisbane City Council - Bracken Ridge Ward		
		Councillor Sandy Landers		
		brackenridge.ward@bcc.gld.gov.au		
AFFECTED		no businesses directly affected		
BUSINESSES		NB: Through traffic for Robertson Road West to Geebung		
		heavily use this intersection		
SECONDARY		TransLink Comms Team commsteam@translink.com.au		
STAKEHOLDERS		Metro Government Relations Team		
MOTORISTS		Metro GovernmentRelations@tmr.qld.gov.au		
		Brisbane Metropolitan Transport Management Centre (BMTMC		
		form) motorwayenquiries@govianetwork.com.au		
		RoadTek Maintenance PDMaintenance@tmr.qld.gov.au		
	\langle	RACQ roadreportupdates@racq.com.au		
	\sim	Queensland Taxi Council info@tcq.org.au		
		Queensland Transport and Logistics Council		
	(\bigcirc)	admin@qtlc.com.au		
		Queensland Trucking Association admin@qta.com.au		
		Metropolitan permits <u>metropolitan.permits@tmr.qld.gov.au</u>		
OTHER	$\langle \mathcal{O} \rangle$	Queensland Fire and Rescue		
AUTHORITIES /		FirecomBrisbane.Data@QFES.qld.gov.au		
PROJECTS	(91)	Qld Police policelinkenquiry@police.qld.gov.au		
	KU	TransLink temporary.closures@translink.com.au		
	()	TransLink Comms Team <u>commsteam@translink.com.au</u>		
	\mathcal{D}	QAS <u>QAS.Correspondence@ambulance.qld.gov.au</u>		
		QFE CTPI qfes.qld.gov.au.		

COMMUNICATION CONTROL PLAN - CONSTRUCTION						
Project title:	Gympie and Webster Road Interesction, install pedestrian signals and lighting					
Project risk level:	Low	Low				
Communications Officer:	Melanie Castles					
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery				
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)					
	3. Ram Ramachandran – Principal Engineer					

PRIMARY STAKEHOLDER NOTIFICATION: ELECTED REPRESENTATIVES

Dear Mr/Mrs/Ms

Gympie and Webster Road Interesction – installation of pedestrian signals and lighting

The Department of Transport and Main Roads (TMR) would like to advise that pedistrain signals and lighting will be installed at the slip lanes located at intersection of **Gympie and Webster Road intersection** (southbound), Aspley.

These works were initiated as safety improvements to the Gympie Arterial Road due to local demand and infrastructure upgrades required at this location. As part of the works, the existing pedestrian ramps will be upgraded to suit for both pedestrian and cyclists shared path.

Works will improve safety for all road users, providing greater separation between pedestrians, bike riders and traffic travelling southbound.

TMR will distribute notifications (**see attached**) to nearby residents and businesses before work begins. This notification will include information on the work and the contact details for the Project team.

TMR appreciates your patience while these important works are being carried out and will make every effort to minimise disruptions throughout the duration of this project.

Further information:

- For more information on this work, please contact the Project Team by emailing metropolitanregion@tmr.qld.gov.au or calling 3066 4338 during business hours.
- For up-to-date information on read closures and traffic conditions across Queensland, go to <u>www.qldtraffic.qld.gov.au</u> or call 13 19 40.

Kind regards,

The Project Team Metropolitan Region / Brisbane Office Program Delivery and Operations Branch | Department of Transport and Main Roads

COMMUNICATION CONTROL PLAN - CONSTRUCTION						
Project title:	Gympie and Webster Road Interesction, insta	Gympie and Webster Road Interesction, install pedestrian signals and lighting				
Project risk level:	Low	Low				
Communications Officer:	Melanie Castles	Melanie Castles				
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery				
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)					
3. Ram Ramachandran – Principal Engineer						

SECONDARY STAKEHOLDER NOTIFICATION: RESIDENTS & BUSINESSES

Dear Mr/Mrs/Ms

Gympie and Webster Road Interesction – installation of pedestrian signals and lighting

The Department of Transport and Main Roads (TMR) would like to advise that pedistrain signals and lighting will be installed at the slip lanes located at intersection of **Gympie and Webster Road intersection** (southbound), Aspley.

These works were initiated as safety improvements to the Gympie Arterial Road due to local demand and infrastructure upgrades required at this location. As part of the works, the existing pedestrian ramps will be upgraded to suit for both pedestrian and cyclists shared path. Works will improve safety for all road users, providing greater separation between pedestrians, bike riders and traffic travelling southbound.

Timing

- Works will commence **mid-May 2021** and be completed **by late July 2021**, construction and weather conditions permitting.
- The majority of work will be undertaken at night for the safety of the work crew and road users and to minimise the impact to the road network. However, there will also be occasional works carried out during the day.
- Typical construction hours will be nightworks from 7pm to 5am Sunday to Thursday.

Works include:

- The safety-based works will include the installition of pedestrian signals and lighting at the slip lanes located at the intersection of Gympie road to Webster Road, Aspley.
- Upgrades to the existing pedestrian ramps to accommodate for both pedestrian and cyclists shared path.
- Provision of chevron marking at the corner of Webster Road to Gympie Road to stop drivers from using the shoulders to get to the slip lane.

Expected impacts

- Nearby residents and businesses may experience short-term impacts including noise, light and dust from construction equipment and activities onsite.
- Road users will experience minor delays due to changed traffic conditions while work is underway. This will include partial shoulder and lane closures, temporary speed reductions and short-term traffic disruptions.

TMR will distribute notifications (**see attached**) to nearby residents and businesses before work begins. This notification will include information on the work and the contact details for the Project team.

TMR appreciates your patience while these important works are being carried out and will make every effort to minimise disruptions throughout the duration of this project.

Further information:

COMMUNICATION CONTROL PLAN - CONSTRUCTION						
Project title:	Gympie and Webster Road Interesction, inst	Gympie and Webster Road Interesction, install pedestrian signals and lighting				
Project risk level:	Low	Low				
Communications Officer:	Melanie Castles	Melanie Castles				
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery				
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)					
	3. Ram Ramachandran – Principal Engineer					

- For more information on this work, please contact the Project Team by emailing metropolitanregion@tmr.qld.gov.au or calling 3066 4338 during business hours.
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Kind regards,

The Project Team

Metropolitan Region / Brisbane Office **Program Delivery and Operations Branch** | Department of Transport and Main Roads

COMMUNICATION CONTROL PLAN - CONSTRUCTION						
Project title:	Gympie and Webster Road Interesction, install pedestrian signals and lighting					
Project risk level:	Low	Low				
Communications Officer:	Melanie Castles	Melanie Castles				
Approvers of this CCP (in order):	1. Sina Louei (Project Manager)	4. Jeff Weeks – Manager, Delivery				
	2. Tessa Mahoney - Team Lead (Stakeholder Engagement)					
	3. Ram Ramachandran – Principal Engineer					

DISTRIBUTION MAP (400m radius from site)



From:	Metropolitan Region
Sent:	Tuesday, 4 May 2021 3:27 PM
То:	aspley@parliament.qld.gov.au
Cc:	transportandmainroads@ministerial.qld.gov.au
Subject:	Department of Transport and Main Roads
Attachments:	Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works
	Notification_May 2021.pdf

Mr Bart Mellish Member for Aspley <u>Aspley@parliament.qld.gov.au</u> Cc: transportandmainroads@ministerial.qld.gov.au

Dear Mr Mellish

Gympie and Webster Road Intersection - installation of pedestrian signals and lighting

The Department of Transport and Main Roads (TMR) would like to advise that pedestrian signals and lighting will be installed at the slip lanes located at intersection of **Gympie and Webster Road intersection (southbound), Aspley**.

These works were initiated as safety improvements to the Gympie Arterial Road due to local demand and infrastructure upgrades required at this location. As part of the works, the existing pedestrian ramps will be upgraded to suit for both pedestrian and cyclists shared path.

Works will improve safety for all road users, providing greater separation between pedestrians, bike riders and traffic travelling southbound.

TMR will distribute notifications (**see attached**) to nearby residents and businesses before work begins. This notification will include information on the work and the contact details for the Project team.

TMR appreciates your patience while these important works are being carried out and will make every effort to minimise disruptions throughout the duration of this project.

Further information:

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- For up-to-date information on road closures and traffic conditions across Queensland, go to <u>www.qldtraffic.qld.gov.au</u> or call 13 19 40.

Kind regards,

The Project Team Metropolitan Region / Brisbane Office Program Delivery and Operations Branch | Department of Transport and Main Roads

Gympie Road and Webster Road Intersection -Signals and Lighting Installation

Dear Stakeholder,

The Department of Transport and Main Roads (TMR) would like to advise that pedestrian signals and lighting will be installed at the slip lanes located at intersection of **Gympie Road and Webster Road intersection (southbound)**, **Aspley**.

These works were initiated as safety improvements to the Gympie Arterial Road due to local demand and infrastructure upgrades required at this location. As part of the works, the existing pedestrian ramps will be upgraded to suit for both pedestrian and bike riders shared path.

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Timing

- Works will commence late-May 2021 and be completed by late July 2021, construction and weather conditions permitting.
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- Typical construction hours will be nightworks from 7pm to 5am Sunday to Thursday.



Expected impacts

- Nearby residents and businesses may experience short-term impacts including noise, light and dust from construction equipment and activities onsite.
- Road users will experience minor delays due to changed traffic conditions while work is underway. This will include partial shoulder and lane closures, temporary speed reductions and short-term traffic disruptions.



Works

Works will include:

- Installation of pedestrian signals and lighting at the slip lanes
- Upgrades to the existing pedestrian ramps to accommodate for both pedestrian and bike riders shared path.
- Provision of chevron marking at the corner of Webster Road to Gympie Road to stop drivers from using the shoulders to get to the slip lane.

TMR appreciates your patience while these important works are being carried out and will make every effort to minimise disruptions throughout the duration of this project. Kind regards,

The Project Team

Metropolitan Region / Brisbane Office **Program Delivery and Operations Branch** | Department of Transport and Main Roads

Further Information

For up-to-date information on road closures and traffic conditions across Queensland, go to <u>www.qldtraffic.qld.gov.au</u> or call 13 19 40.

If you require further information, please contact the project team on

3066 4338

metropolitanregion@tmr.qld.gov.au



From:	Metropolitan Region
Sent:	Tuesday, 4 May 2021 3:28 PM
То:	luke.howarth.mp@aph.gov.au
Subject:	Department of Transport and Main Roads - Notification
Attachments:	Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works
	Notification_May 2021.pdf

Hon. Luke Howarth MP Member for Petrie luke.howarth.mp@aph.gov.au

Dear Mr Howarth

Gympie and Webster Road Intersection - installation of pedestrian signals and lighting

The Department of Transport and Main Roads (TMR) would like to advise that pedestrian signals and lighting will be installed at the slip lanes located at intersection of Gympie and Webster Road intersection (southbound), Aspley.

These works were initiated as safety improvements to the Gympie Arterial Road due to local demand and infrastructure upgrades required at this location. As part of the works, the existing pedestrian ramps will be upgraded to suit for both pedestrian and cyclists shared path.

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TMR will distribute notifications (**see attached**) to nearby residents and businesses before work begins. This notification will include information on the work and the contact details for the Project team.

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Further information:

- For more information on this work, please contact the Project Team by emailing <u>metropolitanregion@tmr.gld.gcv.au</u> or calling 3066 4338 during business hours.
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Kind regards,

The Project Team Metropolitan Region / Brisbane Office Program Delivery and Operations Branch | Department of Transport and Main Roads

Gympie Road and Webster Road Intersection -Signals and Lighting Installation

Dear Stakeholder,

The Department of Transport and Main Roads (TMR) would like to advise that pedestrian signals and lighting will be installed at the slip lanes located at intersection of **Gympie Road and Webster Road intersection (southbound)**, **Aspley**.

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Works

Works will include:

- Installation of pedestrian signals and lighting at the slip lanes
- Upgrades to the existing pedestrian ramps to accommodate for both pedestrian and bike riders shared path.
- Provision of chevron marking at the corner of Webster Road to Gympie Road to stop drivers from using the shoulders to get to the slip lane.

TMR appreciates your patience while these important works are being carried out and will make every effort to minimise disruptions throughout the duration of this project. Kind regards,

The Project Team

Metropolitan Region / Brisbane Office **Program Delivery and Operations Branch** | Department of Transport and Main Roads

Further Information

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If you require further information, please contact the project team on

3066 4338

metropolitanregion@tmr.qld.gov.au



Page Number: 116 of 333

From:	Metropolitan Region
Sent:	Tuesday, 4 May 2021 3:28 PM
То:	BrackenRidge Ward Office
Subject:	Department of Transport and Main Roads - Notification
Attachments:	Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works
	Notification_May 2021.pdf

Brisbane City Council – Bracken Ridge Ward Councillor Sandy Landers brackenridge.ward@bcc.qld.gov.au

Dear Cr Landers

Gympie and Webster Road Intersection - installation of pedestrian signals and lighting

The Department of Transport and Main Roads (TMR) would like to advise that pedestrian signals and lighting will be installed at the slip lanes located at intersection of Gympie and Webster Road intersection (southbound), Aspley.

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Kind regards,

The Project Team Metropolitan Region / Brisbane Office Program Delivery and Operations Branch | Department of Transport and Main Roads

Gympie Road and Webster Road Intersection -Signals and Lighting Installation

Dear Stakeholder,

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Works will include:

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- Upgrades to the existing pedestrian ramps to accommodate for both pedestrian and bike riders shared path.
- Provision of chevron marking at the corner of Webster Road to Gympie Road to stop drivers from using the shoulders to get to the slip lane.

TMR appreciates your patience while these important works are being carried out and will make every effort to minimise disruptions throughout the duration of this project. Kind regards,

The Project Team

Metropolitan Region / Brisbane Office **Program Delivery and Operations Branch** | Department of Transport and Main Roads

Further Information

For up-to-date information on road closures and traffic conditions across Queensland, go to <u>www.qldtraffic.qld.gov.au</u> or call 13 19 40.

If you require further information, please contact the project team on

3066 4338

metropolitanregion@tmr.qld.gov.au



From:Ashley W WilliamsSent:Tuesday, 4 May 2021 9:34 AMTo:Sang V ToCc:Matthew A Baylis; Pinak H DholakiaSubject:RE: URGENT - Gympie and Webster IFT drawings and schedules

Hi Sang,

Should be able to have it back to you around 2023.

Kind Regards,

Ashley Williams Project Manager (Metropolitan) | RoadTek Branch Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Hemmant Depot 10 Oregon Street | Hemmant Qld 4174 P: (07) 30664406 | F: (07) 30664457 M: ______ RE: <u>ashley.w.williams@tmr.qld.gov.au</u>

W: www.tmr.qld.gov.au

Tomorrow's Queensland: strong, green, smart, healthy and fair – <u>www.towardQ2.qld.gov.au</u> I acknowledge the traditional owners of country throughout Australia and their continuing connection to land, sea and community. I pay my respects to them and to their elders past, present and future.



Dear Mind, remember to make time f Visit gld.gov.au/mentalwellbeing

From: Sang V To <Sang.V.To@tmr.qld.gov.au> Sent: Tuesday, 4 May 2021 7:47 AM To: Ashley W Williams <Ashley.w.Williams@tmr.qld.gov.au> Cc: Matthew A Baylis <Matthew A Baylis@tmr.qld.gov.au>: Pinak H Dhol

Cc: Matthew A Baylis <Matthew.A.Baylis@tmr.qld.gov.au>; Pinak H Dholakia <Pinak.H.Dholakia@tmr.qld.gov.au> Subject: FW: URGENT - Gympie and Webster IFT drawings and schedules

Hi Ashley,

Hope you've had a good weekend!

Any chance if I could please have this back today if possible depending on what you have on.

This is a political site and Ram needs to make a start on it asap.

This not a big quote , its only a few lines.

Kind Regards,

Sang To Project Manager BEng MIEAust CPEng NER RPEQ APEC (Electrical) | Brisbane Operations Unit

RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

10 Oregon Street | Hemmant Qld 4174 M: NR sang.v.to@tmr.qld.gov.au www.tmr.qld.gov.au

ThinkSAFE, WorkSAFE, StaySAFE



crossing at trainc lights? Don't touch the button, elbow bump it instead!

From: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Sent: Monday, 3 May 2021 10:25 PM

To: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>

Cc: Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>; Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>; Subject: URGENT - Gympie and Webster IFT drawings and schedules

Sang

Can you please look into sending this TCE ASAP.

Please call me or Sina if you have any questions.

Kind Regards

Ram Ramachandran Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 1333 | F: (07) 3220 6071 M: NR E: ram.z.ramachandran@tmr.qld.gov.au W: www.tmr.qld.gov.au W: www.tmr.qld.gov.au Tomorrow's Queensland: strong, green, smart, healthy and fair - www.towardQ2.qld.gov.au P Please consider the environment before printing this email

From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>> Sent: Friday, 30 April 2021 1:40 PM To: Pinak H Dholakia <<u>Pinak.H.Dholakia@tmr.qld.gov.au</u>> Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Subject: FW: Gympie and Webster IFT drawings and schedules

Hi Pinak,

I hope you are well.

Please find attached the IFT drawings and schedule for Gympie and Webster Slip Lane Ped Protection. Could you please let me know who will be managing this contract from your team?

I would appreciate it if you could use these documents to order the materials and in meantime, we will finalise the design drawings and send you the final drawings, schedule and contract.

Kind regards, Sina Louei

 From: Colin J Campbell < Colin.J.Campbell@tmr.qld.gov.au</td>

 Sent: Friday, 30 April 2021 1:14 PM

 To: Sina Z Louei < Sina.Z.Louei@tmr.qld.gov.au</td>

 Cc: Ram Ramachandran < Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</td>

 Subject: Gympie and Webster IFT drawings and schedules

Hi Sina,

Please find attached the IFT drawings and schedule for Gympie and Webster Slip Lane Ped Protection.

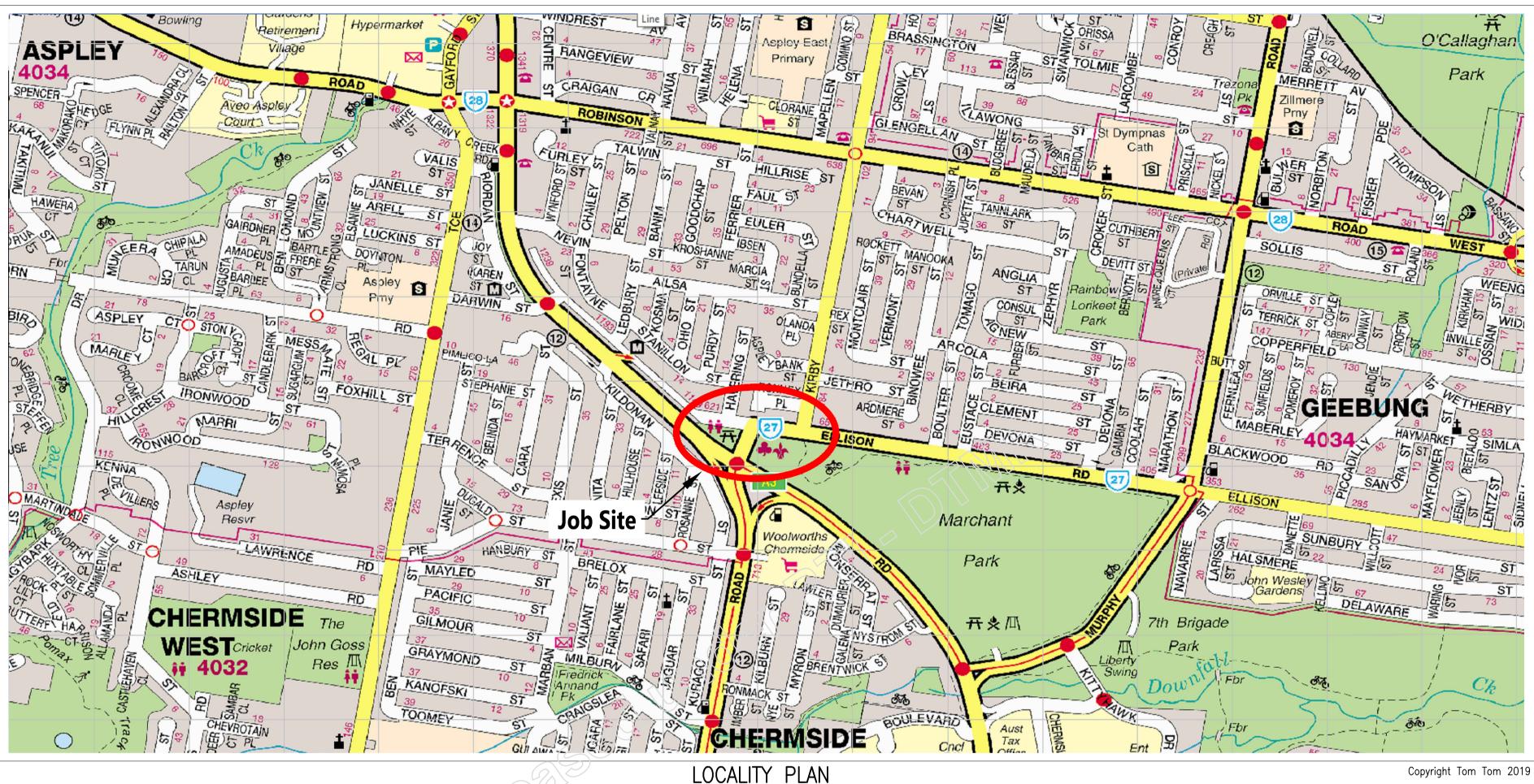
If you have any questions, please contact me on the below numbers for assistance.

Colin Campbell

Principal Designer (Civil) | Metropolitan Region / Technical Services **Program Delivery and Operations** | Infrastructure Management & Delivery | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 (07) 3066 5558 colin.j.campbell@tmr.qld.gov.au www.tmr.qld.gov.au

BRISBANE CITY COUNCIL GYMPIE ARTERIAL ROAD (U14) WEBSTER ROAD SLIP LANES UPGRADE



CIVIL DRAWING INDEX

Drawing Number	Revision	Date	Series Number	
887548	А	04/2021	1	LOCALITY PLAN AND DRAWING IND
887549	А	04/2021	2	SIGNS AND LINEMARKING – SHEE
	A A	,		

TOTAL NUMBER OF DRAWINGS = 2

ELECTRICAL DRAWING INDEX

Drawing Number	Revision	Date	Series Number	Drawing Description	
887550	A	04/2021	1	TRAFFIC SIGNAL INSTALLATION OPERATIONS AND ELECTRICAL CONNECTION – SHEET 1 OF 2	
887551	A	04/2021	2	TRAFFIC SIGNAL INSTALLATION OPERATIONS AND ELECTRICAL CONNECTION – SHEET 2 OF 2	
887552	A	04/2021	3	TRAFFIC SIGNAL INSTALLATION ELECTRICAL DESIGN LAYOUT	
887553	A	04/2021	4	TRAFFIC SIGNAL INSTALLATION NOTES AND SCOPE OF WORK, PITS, CONDUITS AND EQUIPMENT SCHEDULES	
887554	A	04/2021	5	RATE 3 ROAD LIGHTING SITE LAYOUT	
887555	A	04/2021	6	RATE 3 ROAD LIGHTING SINGLE LINE DIAGRAMS AND SCHEDULES	
	•	•	•	•	

TOTAL NUMBER OF DRAWINGS = 6

Associated Job No Surv Horiz. Datum Auxiliary Drg Nos Horiz. Grid Height Datum A Issued for Tender Survey Signatory: - RPEQ Full Name, Eng. Area and RPEQ No. or Revisions/Descriptions Date - Full Name and Position Title Books CAD FILES G:\WHRF-Projects\201 - Brisbane City Council (140)\201-U14-1095633 Gympie Webster\3_Development\Design\WM\02_Drawings\LOC001 LOCALITY PLAN AND DRAWI

Drawing	Description
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DEX – SHEET 1 OF 1

ET 1 OF 1

SCHEME SUBMITTED
This design meets th Transport and Main F Guidelines and the re
FULL NAME:
POSITION TITLE:
SIGNED (IF WET INK):
<u>SCHEME SCOPE AN</u>
l hereby certify that relevant project on G program.

FULL NAME:

POSITION TITLE:

SIGNED (IF WET INK):

rvey Data	Scales		BRISBANE CITY COUNCIL				LOCALITY	
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	NTS	CTL CHGE	CTL CHGE WEBSTER ROAD INTERSECTION					
			Reference Points				f	
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\backslash	Dimensions shown in metres	U14/5	1.741	0.14	1.359	U14/7		
WING INDEX.dwg	except where shown otherwise	/		.751km – 4.611km		014/7		
mino indentawy		ini ougri onunu	go nom upplox. +					

DESIGN CLASS

This design has been undertaken in accordance with the Road Design "Class D" Guidelines as specified in Table 1.1 of the Department of Transport and Main Roads Guidelines for Road Design on Brownfield Sites (July 2013)

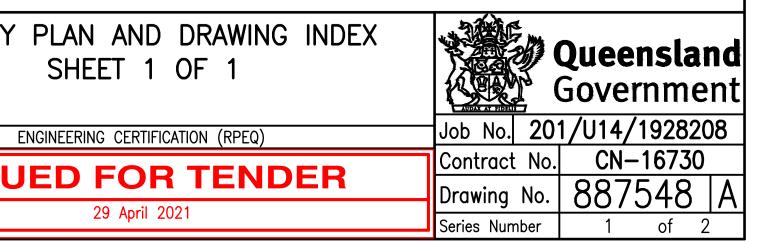
D: (External Consultants or Internal Business Unit): the requirements of all relevant Australian Standards, Austroads Guidelines and Roads - Policies. References, Standards, Planning and Design Instructions, requirements of the project brief/functional specifications.

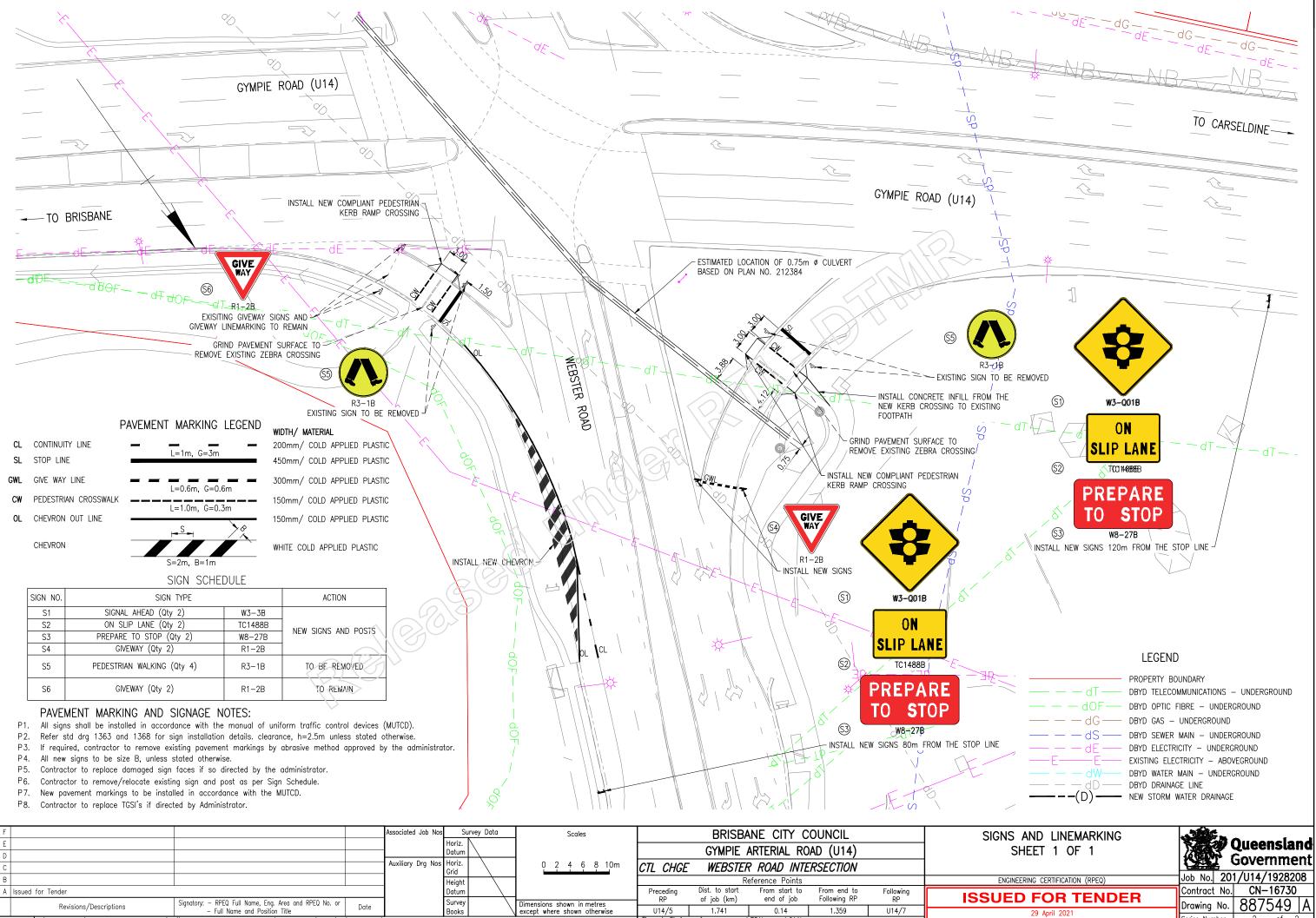
DATE:

ORGANISATION:

ND FINANCIAL APPROVAL: (Regional Director or Delegate): this scheme complies with the intent of the scope and financial limits of the QTRIP and the scheme is approved for release in accordance with that

DATE:





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Revisions/Descriptions	Signatory: - RPEQ Full Name, Eng. Area and RPEQ No. or	Date		Survey			Dimensions shown in metres	RP RP	of job (km)	end of job	Following RP	RP	1330
Revisions/ Descriptions	 Full Name and Position Title 	Date		Books			except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7	
FILES G:\WHRF-Projects\201 - Brisbane City Council (14	0)\201-U14-1095633 Gympie Webster\3_Development\Design\WM	\02_Drawings	SIGNS AND LINEMARKIN	lG.dwg				Through Chaina	ge from approx. 4	.751km – 4.611km			

Series Number

LEGEND UNLESS OTHERWISE STATED

NEW 1x80mm UPVC CONDUIT NEW 2x100mm UPVC CONDUIT EXISTING 1x80mm UPVC CONDUIT EXISTING 2x100mm UPVC CONDUIT _ _ $\langle 1 \rangle$ STATION NUMBER 175W ROADLED LUMINAIRE TO INSTALL EXISTING 250W HPS LUMINAIRE **H** $\langle PX \rangle$ PIT NUMBER

--dt---dt---- DBYD TELECOMMUNICATIONS UG

---ds---ds---- DBYD SEWER MAIN UG

E-E-E-E-E-E-E-EXISTING ELECTRICITY OH

Lighting Scheme to comply with TMR RPDM Vol 6 2nd Ed.

10. For traffic signal requirements refer drawing no. 887553.

DBYD WATER MAIN UG

Lighting Scheme to comply with AS/NZS 1158:2005 and AS/NZS 3000:2018.

Lighting Design Compliant to Category V3 of AS/NZS 1158.1:2005 within the

Lighting Scheme to comply with DMR Standard Specifications MRTS 91, MRTS

Installation to comply with AS/NZS 1158..1.1:2005, AS/NZS 3000:2018 and

All materials and methods to conform with current TMR Standard Drawings and Specifications including MRTS91, MRTS92, MRTS94, MRTS210, MRTS228,

Refer TMR SD1627 for switchboard slab layout and construction details. Luminaires at all stations shall be at right angles to the carriageway. Refer TMR SD1677 for detailed joint—use electrical wiring details and SD1327

Fus events again requirements for a range of source of source of the sour

---dg---dg---- DBYD GAS UG

DBYD SERVICES

RATE 3 NOTES:

extents of LOR.

MRTS256

compliance.

92, MRTS 94, MRTS 256.

TMR Rate 3 Design Requirements.

for mains connections details.

2.

4

5.

6.

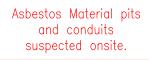
8

9

- NEW POST-TOP MOUNTED SWITCHBOARD 🗖 PT
- NEW CIRCULAR PIT 0
- EXISTING CIRCULAR PIT 0
- EXISTING No.4 PIT
- EXISTING No.7 PIT - No.7
- EXISTING TRAFFIC SIGNAL CONTROLLER і
- EXISTING POWER POLE ۲
- NEW TERMINATION BOX (POS)
- TMR FIBRE COMMS ROUTE
- ADVANCED FLASHER CABLE ROUTE



WARNING



DATE: 29 FEBRUARY 2021

GERARD ROADLED - AERO

LIGHTING DESIGN COMPLIANCE CERTIFICATE THIS LIGHTING DESIGN COMPLIES GENERALLY WITH THE NOMINATED SUB-CATEGORY OF AS/NZS 1158.3.1:2005.

٧3

NAME: LEONA KOLARIC

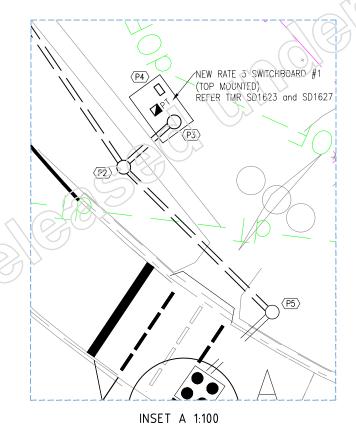
LIGHTING SUB-CATEGORY LUMINAIRE DETAILS: MANUFACTURER & MODEL TYPE & WATTAGE

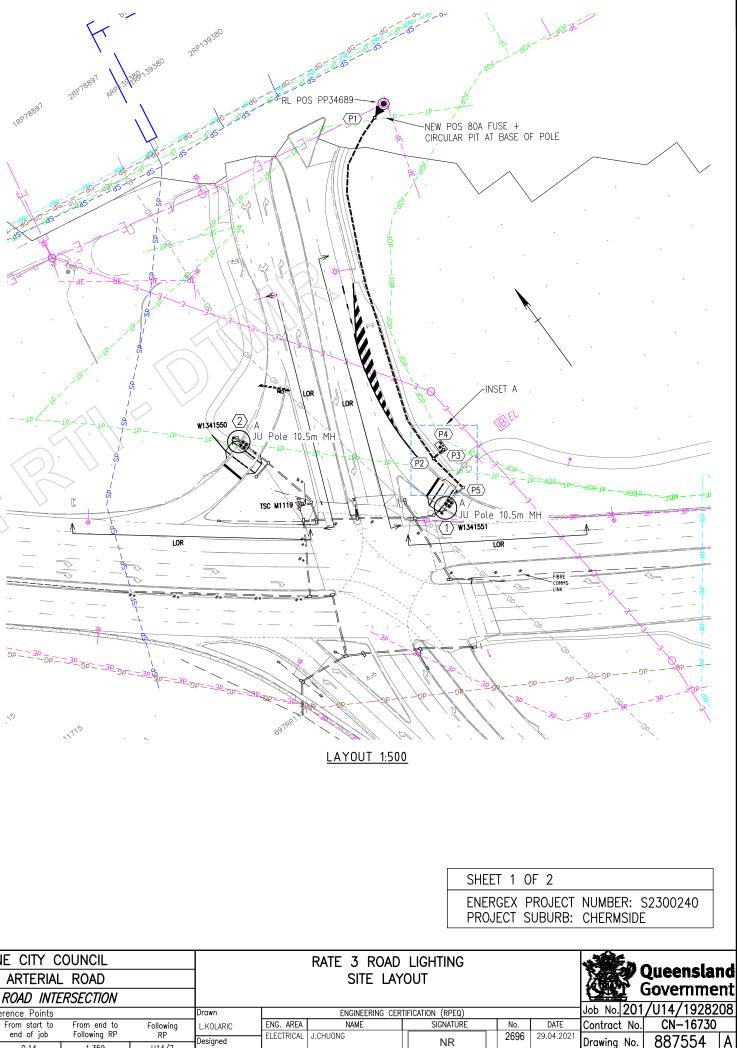
TARGE ACTORER & HODEE	
TYPE & WATTAGE	LED 175W
-TABLE	ROADLED 175W 4K 02A AERO 216150M
NITIAL LUMENS	21400
COMPUTER DESIGN DETAILS:	SYLVANIA ROADSTER - PHILIPS LIGHT HPS S250C, & S150C 98100.cie, & 98207.cie 27, 500 & 14,500
AS1158.2.2005 COMPLIANT S/WARE	PERFECT LITE

TITLE: PRINCIPAL DESIGNER (ELECTRICAL

SOURCE OF PROGRAM WADELLO PTY LTD MAINTENANCE FACTOR 0.75 HPS. 0.8 LED ROAD REFLECTION CLASS N/A ALL LIGHTING CALCULATIONS ARE AVAILABLE UPON REQUEST.

FOR LIGHTING ARRANGEMENT, SPACINGS, MOUNTING HEIGHTS, OUTREACH DETAILS AND SIGNIFICANT ROAD FEATURES, REFER TO DRAWING.





	SCOPE OF WORKS:
6	 Joint-use poles and footings to be installed under Traffic Signal Work Package. Refer to drawings 887550-887553. Refer to drawing 887555 for road lighting schedules and schematic. Supply and installed new switchboard as per TMR SD Drawing 1623 and 1627. Supply and install new conduit as shown in layout and schedule. Footpath reinstatement required. Refer to Civil Work Package for details. Supply & install new road lighting outreaches and luminaires as shown in layout and schedule. Supply and install new cabling and switchgear as shown in layout and schedule. Supply install, test and commission all works in accordance with TMR Standard Drawings, Technical Specifications, Technical Notes, Technical Guidelines, AS/NZS 3000: 2018 and all other relevant Australian Standards.

5		Associated Job Nos Survey Data	Scales	BRISB	BANE CITY CO	UNCIL				RATE 3 RO
-		Horiz. Datum	0 5 10 15 20m	GYMP	PIE ARTERIAL	ROAD				SITE L
1 1		Auxiliary Drg Nos Horiz. Grid		CTL CHGE WEBSTE	R ROAD INTER	SECTION				
Ľ		- Height	-1 0 1 2 3 4m		Reference Points			Drawn		ENGINEERING
iL		Datum		Preceding Dist. to start		From end to	Following	L.KOLARIC	ENG. AREA	NAME
, /	A Issued For Review	Survey	Dimensions shown in metres	RP of job (km)	end of job	Following RP	RP	Designed	ELECTRICAL	J.CHUONG
	Revisions/Descriptions Name or RPEQ No. Signature Date	Books	except where shown otherwise	U14/5 1.741	0.14	1.359	U14/7	3		
C	CAD FILES \\\corp.tmr.qld.gov.au\shares\Groups\WHRF-Projects\201 - Brisbane City Council (140)\201-U14-1	095633 Gympie Webster\3_Development\Design\W	M\10_Electrical\Lighting\Rate 3.dwg	Through Chainage from approx.	4.751km - 4.611km			L.KOLARIC	1	

Page Number: 124 of 333

Series Number

RL-1 of 2

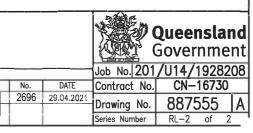
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W RATE	3													İ	SB-STN 1	SL		X 16	6mm 2C	XLPE/	/PVC	02	2	44m N	ew Cable to be install
WITCHBOAF						$\langle 1 \rangle$	2						& WEBST		STN 1 - STN	2 SL		X 16	6mm 2C	XLPE/	/PVC	02	2	89m N	ew Cable to be installe
													ο α. WED31		STN 1 - 1	SL		X + 6	4mm 2C 6mm EAR	TH PV	C/PVC	016,	018	6m N	ew Cable to be install
		20A	 K1–1 K1–1		N 2C 16mm² XLPE/PVC		20	C 4mm ² PVC/PVC 6mm ² EARTH							STN 2 - 2	SL			4mm 2C 6mm EAR			016,	018	5m N	ew Cable to be install
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j.				9									1	$\langle \rangle$		×1			<u></u>		<u>,</u>		2		
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į.								27								P5 5	52331.18	39 169428	3.343	CIRCU	JLAR	INS	TALLED) IN TRAFFIC SIG	NALS WORK PACKAGE
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l			5		CHV		2		-								1				~			NJALLED UNDER I	INTE SIGNAL WORK PACE
Å	N	25mm² 2C XLPE/PVC		$\langle Q \rangle$				CIRCUIT NO	TES																
				$\langle \Box \rangle$	7			1. Calculations b 2. Fault loop imp	ased on 23	SOV supply culated u	/ for sin sing the	ngle pho e followi	ise and ng:	400V fo	or three phase										
		DS P34689	(provide 80A	fuse in POS)				a)	5 sec dis 0.4 sec d	connect t	me pit	to pit,	undergro												
				,				c)	Din Rail n Trip curre	nounted r	nulti pur	rpose fu	se switch	n;											
C	IRCUIT SCHEM	IATIC						3. Fault loop im	pedance sh	all be me	asured	and cor	firmed c	omplian	t with TRUM v	olume 4 p	art 8 a	nd AS/NZS30	000 by in	stallin	g electri	ical	0-		
_								contractor. Mo 4. Maximum ratir	ax allowable	fault loc	p imped	dance s	hall be a	is speci	fied in TRUM	Volume 4	Part 8.							SHEET 2	OF 2
								5. Voltage drop							10110111011103. 11	not met, (ontuct	acaigner Delo		୍ ାର ଟା	nor giacu.			ENERCEY	PROJECT NUMB

5. Voltage drop calculations based on the following start and run currents: 175W LED Run = 0.77A

- 3:5			Associated Job No:	h	rvey Data	Scales		BRISB	ANE CITY C	OUNCIL				RATE 3 ROAD	LIGHTING
, 2021	E E	12		Hor iz. Dat um				GYMPI	e arterial	ROAD]		SITE LAY	′OUT
Apr 29			Auxiliary Drg Nos	Grid Horiz.		NTS	CTL CHGE		r road inte	RSECTION					
		_	-	Height				R	eference Points			Drawn	L	ENGINEERING CER	TIFICATION (RPEQ)
7				Datum			Preceding	Dist. to start	From start to	From end to	Following	L.KOLARIC	ENG. AREA	NAME	SIGNATURE
A git	Issued For Review			Survey		Dimensions shown in metres	RP	of job (km)	end of job	Following RP	RP	Designed	ELECTRICAL	J.CHUONG	ND
×	Revisions/Descriptions Name or RPEQ No. Signat	ure Date		Books		except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7	1 2	1		NR
SE CA	D FILES \\\corp.tmr.dd.gov.au\shares\Groups\WHRF-Projects\201 - Brisbane City Council (140)\201-U14-1	095633 Gympie Webste	r\3_Develop	pment\Design \W	10_Electrical\Lighting\Rate 3.dwg	Th rugh Chainage	from approx. 4	4.751km - 4.611km			L.KOLARIC			

Page Number: 125 of 333

ENERGEX PROJECT NUMBER: S2300240 PROJECT SUBURB: CHERMSIDE



From:CTPI@mmem.com.au>Sent:Wednesday, 5 May 2021 9:39 AMTo:Sang V ToSubject:QuotationAttachments:quote-395-505482-000.pdf

Hey Mate,

Please see attached quotation,

Any issues please let me know.

CTPI

Roadway, Export, Industrial Team Leader Haymans Electrical Brisbane Airport 8-12 Litsea Street - Brisbane Airport South Q 4008 Ph: (07) 3370 0349 Website: https://brisbane-airport.haymans.mmem.com.au/ Email: CTPI @mmem.com.au

"Service, Integrity, Reliability"



HAYMANS	Quotation No:	395-505482-000
A DIVISION OF METAL MANUFACTURES PTY LIMITED (A.B.N. 13 003 762 641) ELECTRICAL & DATA SUPPLIERS		Date: 05/05/21 Valid To: 19/05/21 Contract:
Haymans Electrical H		Sale Person: CTPI Page: 1
8 - 12 Litsea Street AIRPORT SOUTH QLD 4008 Tel: 07 3370 0333 Fax: 07 3370 0355 Job Title:	Standard Terms of Sale	e subject to Metal Manufactures Pty Ltd e current at the time of this sale which www.mmem.com.au/ or on request.
Project:	are available on <u>http://v</u>	ww.innew.com.au of on request.
Quote To: 166892 RoadTek 10 Oregon Street HEMMANT QLD 4174	Deliver To: RoadTek RoadTek Hemmant QLD 4174 Attn Robert & Michae	
Contact: Peter Kerswill		
Part Number Description		Jnit GST Line Value rice Amt Excl GST
# RoadLed AERO 175w c/w Dali Driver QR Label Cockatoo		

Total Excl GST GST Total incl GST

CTPI

From:Sang V ToSent:Friday, 7 May 2021 1:43 PMTo:Pinak H Dholakia; Andrew C Gunn; Dwayne A BoytonCc:Matthew A Baylis; Huriana J Ngauru; Dwayne A BoytonSubject:Re: Urgent: Required SAP job no - Gympie Rd and Webster Rd Slip Lane Upgrade

Thanks Andy and appreciate yours and Dwayne's Help.

Kind regards Sang

Get Outlook for iOS

From: Pinak H Dholakia < Pinak.H.Dholakia@tmr.qld.gov.au> Sent: Friday, May 7, 2021 1:35:39 PM To: Andrew C Gunn <andrew.c.gunn@tmr.qld.gov.au>; Dwayne A Boyton <Dwayne.A.Boyton@tmr.qld.gov.au>; Sang V To <Sang.V.To@tmr.qld.gov.au> Cc: Matthew A Baylis <Matthew.A.Baylis@tmr.qld.gov.au>; Huriana J Ngauru <Huriana.J.Ngauru@tmr.qld.gov.au>; Subject: RE: Urgent: Required SAP job no - Gympie Rd and Webster Rd Slip Lane Upgrade Thanks Andy. Appreciate your help. Regards, Pinak Dholakia BE Eng.(Civil) M Eng. (Environment) MIEAust CPEng RPEQ (Civil) Senior Project Manager (Civil) | RoadTek South (Brisbane) RoadTek Branch | Department of Transport and Main Roads Hemmant Depot 10 Oregon Street | Hemmant Qld 4174 P: (07) 30664422 | F: (07) 30664457 M NR E: pinak.h.dholakia@tmr.qld.gov.au

W: www.tmr.qld.gov.au

ThinkSAFE, WorkSAFE, StaySAFE

Crossing at traffic lights? Bon't touch the button, elbow bump it instead!

on, WASHT

From: Andrew C Gunn <ardrew.c.gunn@tmr.qld.gov.au>

Sent: Friday, 7 May 2021 1:32 PM

To: Pinak H Dholakia <Pinak.H.Dholakia@tmr.qld.gov.au>; Dwayne A Boyton <Dwayne.A.Boyton@tmr.qld.gov.au>; Sang V To <Sang.V.To@tmr.qld.gov.au>

Cc: Matthew A Baylis <Matthew.A.Baylis@tmr.qld.gov.au>; Huriana J Ngauru <Huriana.J.Ngauru@tmr.qld.gov.au> **Subject:** RE: Urgent: Required SAP job no - Gympie Rd and Webster Rd Slip Lane Upgrade

This has now been created under original sales contract 6110010582 as last schedule.

51-005262.01.4 in project builder.

I have deleted old civil schedule from sales contract and have locked old WBS in project builder. Now called "DO NOT USE."

Andrew Gunn

Finance Coordinator | Brisbane Operations Unit **RoadTek South** | Infrastructure Management & Delivery | Department of Transport and Main Roads

Page Number: 128 of 333

From: Pinak H Dholakia <<u>Pinak.H.Dholakia@tmr.qld.gov.au</u>>

Sent: Friday, 7 May 2021 11:13 AM

To: Dwayne A Boyton <<u>Dwayne.A.Boyton@tmr.qld.gov.au</u>>; Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>; Andrew C Gunn <<u>andrew.c.gunn@tmr.qld.gov.au</u>>

Cc: Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>; Huriana J Ngauru <<u>Huriana.J.Ngauru@tmr.qld.gov.au</u>>; Subject: Urgent: Required SAP job no - Gympie Rd and Webster Rd Slip Lane Upgrade Hi Andy/Dwayne,

Client has updated Civil Schedule for this works which has fair bit of change from the one we have uploaded in SAP. Can you please delete current Civil Schedule and upload attached one. **Electrical schedules are fine and no change required.** We need to submit the price Today so if you can finish the upload ASAP. Project number is 51-005263. Thanks & Regards,

Pinak Dholakia BE Eng.(Civil) M Eng. (Environment) MIEAust CPEng RPEQ (Civil)

Senior Project Manager (Civil) | RoadTek South (Brisbane) RoadTek Branch | Department of Transport and Main Roads

Hemmant Depot <u>10 Oregon Street | Hemmant Qld 4174</u> P: (07) <u>30664422 | F: (07) 30664457</u> M: <u>NR</u> E: <u>pinak.h.dholakia@tmr.qld.gov.au</u> W: www.tmr.gld.gov.au

ThinkSAFE, WorkSAFE, StaySAFE



From: Dwayne A Boyton <<u>Dwayne.A.Boyton@tmr gid gov.au</u>>

Sent: Wednesday, 5 May 2021 5:45 PM

To: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>; Andrew C Gunn <<u>andrew.c.gunn@tmr.qld.gov.au</u>>; Cc: Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>; Huriana J Ngauru <<u>Huriana.J.Ngauru@tmr.qld.gov.au</u>>; Pinak H Dholakia <<u>Pinak.H.Dholakia@tmr.qld.gov.au</u>>;

Subject: RE: Required SAP job no - Gympie Rd and Webster Rd Slip Lane Upgrade

Hi Sang, after many, many hours, project number 51-005263 Network ID 7013746 has been created.

I've created 3 different WBS items, Civil works, Electrical works, and Signals works

Just need to create a DMS container, no idea how to, and then add it to the project listing.

Before the first claim, will need to have the client WBS to charge to

Kind regards

Dwayne Boyton A/Senior PCO Brisbane Operations Unit

RoadTek Infrastructure Management & Delivery Division

Ground Floor Hemmant Debet 10 Oregon Street | Hemmant Qld 4174 P: (07) 30664487 | F: (07) 30664457

E: dwayne.a.boyton@tmr.gld.gov.au

W: www.roadtek gld.gov.au

Customers first VI Ideas into action VI Unleash potential Great state. Great opportunity.

ThinkSAFE, WorkSAFE, StaySAFE

Be courageous

Empower people

Oueensland

Government



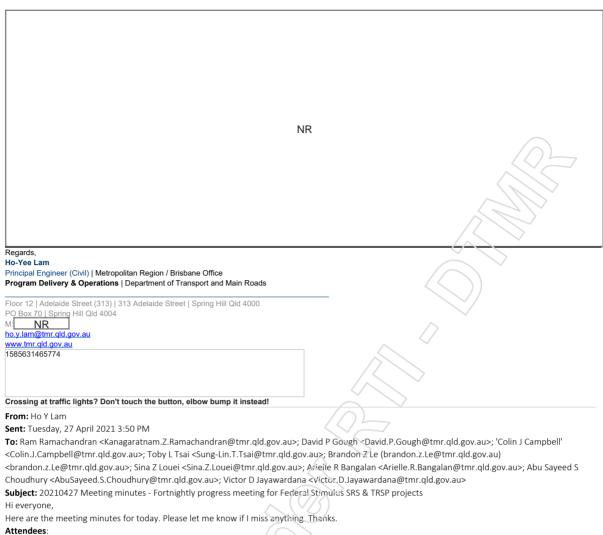
Crossing at traffic lights? Don't touch the button, abow bump it instead!

lana

Hi everyone,

Here are the meeting minutes for today. Please let me know if I miss anything. Thanks. Attendees: Delivery: Toby Tsai, Sina Louei, Abu Choudhury, Ram Ramachandran, Victor Jayawardar

<i>Delivery:</i> Toby Tsal, Sina Louel, <i>A</i> <i>Technical Services:</i> Ho-Yee Lam, Time : 1pm to 1:32pm			, victor Jayawaruana		\square
Projects	Project Manager (Delivery)	Priority	Meeting notes:		
			NR		
Gympie/Ellison/Webster (Portion 1)	Sina Louei	A1 (30 Apr 2021)	Portion 1 IFT drawings and sche		
Gympie/Ellison/Webster (Portion 2)	Sina Louei	B0 (31 Oct 2021)	Colin to compile questions on p	ortion 2 and send to Ram by e	nd of this week
			NR		

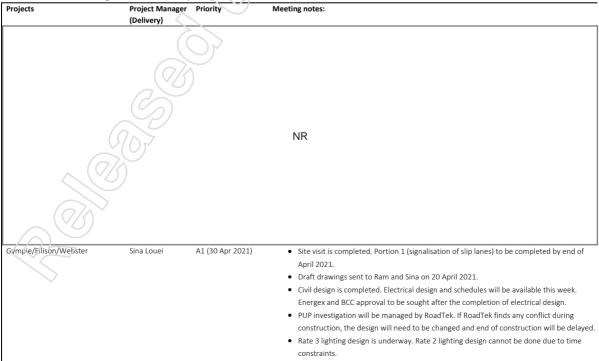


Delivery: Toby Tsai, Sina Louei, Arielle Bangalan, Ram Ramachandran, Victor Jayawardana

Technical Services: Ho-Yee Lam, David Gough

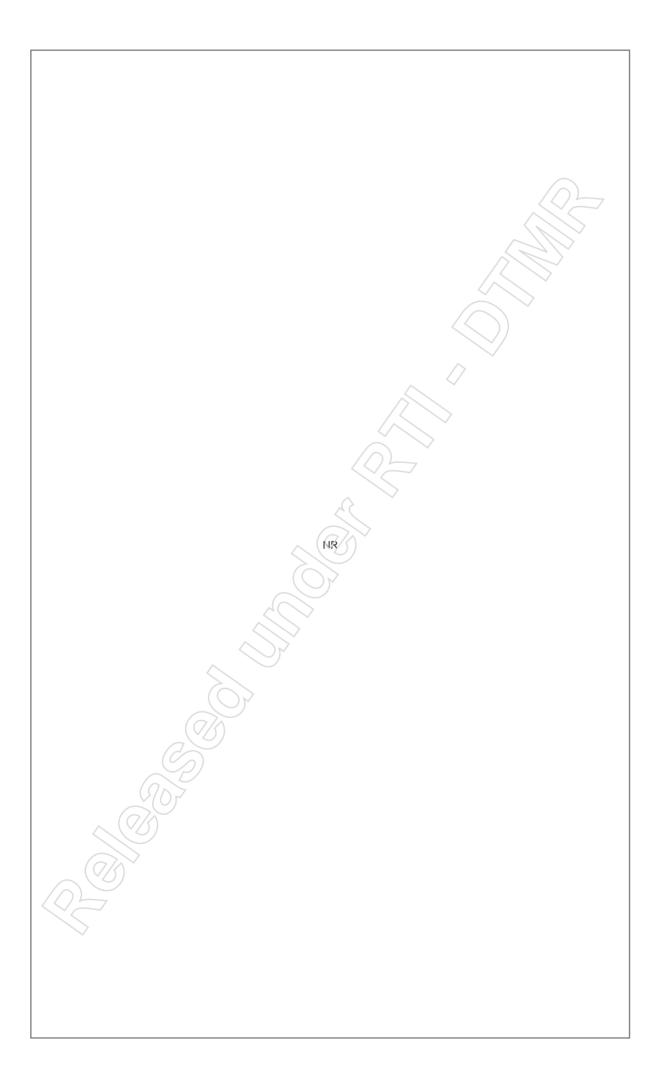
Time: 1pm to 2:15pm

- Colin Campbell is not well today.
- All as-con drafting requests or project scope identification or work requests are to be sent to Metropolitan DS and Ho-Yee Lam to ensure that someone in the Design Services team will pick up the requests and action them.



• Portion 2 (modification of crossings and drainage) is currently on hold. Design to proceed

Page Number: 132 of 333



NR Regards. Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 M NR ho.y.lam@tmr.gld.gov.au www.tmr.qld.gov.au 1585631465774 Crossing at traffic lights? Don't touch the button, elbow bump it instead! From: Ho Y Lam Sent: Tuesday, 13 April 2021 2:52 PM To: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; David P Gough <<u>David.P.Gough@tmr.qld.gov.au</u>>; 'Colin J Campbell' <<u>Colin.J.Campbell@tmr.qld.gov.au</u>>; Toby L Tsai <<u>Sung-Lin.T.Tsai@tmr.qld.gov.au</u>>; Brandon Z Le (<u>brandon.z.J.@@tmr.qld.gov.au</u>) <<u>brandon.z.Le@tmr.qld.gov.au</u>>; Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>; Arielle R Bangalan <<u>Arielle.R.Bangalan@tmr.qld.gov.au</u>>; Abu Sayeed S Choudhury <<u>AbuSayeed.S.Choudhury@tmr.qld.gov.au</u>> Subject: 20210413 Meeting minutes - Fortnightly progress meeting for Federal Stimulus SRS & TRSP projects Hi everyone, Here are the meeting minutes for today. Please let me know if I miss anything. Thanks. Attendees: Delivery: Toby Tsai, Brandon Le, Sina Louei, Abu Choudhury, Arielle Bangalan, Ram Ramachar dran, Technical Services: Ho-Yee Lam, Colin Campbell, David Gough Time: 1pm to 2pm Projects Project Manager Priority Meeting notes: (Delivery) NR Gympie/Ellison/Webster Sina Louei A1 (30 Apr 2021) • Site visit is completed. Portion 1 (signalisation of slip lanes) to be completed by end of April 2021. • Colin to provide time and cost estimate for portion 1 by end of this week Ram to advise whether RoadTek is able to pull back through asbestos conduits. · Draft signals/lighting drawings sent to Ram and Sina as soon as possible • Portion 2 (modification of crossings and drainage) is currently on hold NR

NR
Regards,
Ho-Yee Lam Principal Engineer (Civil) Metropolitan Region / Brisbane Office Program Delivery & Operations Department of Transport and Main Roads
Floor 2 Adelaide Street (313) 313 Adelaide Street Spring Hill Old 4000
PO Box 70 Spring Fill Qid 4004 M: NK ho y.lam@tmr.qid.gov.au www.tmr.qid.gov.au
1585631465774
Crossing at traffic lights? Don't touch the button, elbow bump it instead!
From: Ho Y Lam Sent: Tuesday, 30 March 2021 6:20 PM

 To: Ram Ramachandran <</td>
 Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; David P Gough
 David.P.Gough@tmr.qld.gov.au>; 'Colin J Campbell'

 <Colin.J.Campbell@tmr.qld.gov.au>; Toby L Tsai
 Sung-Lin.T.Tsai@tmr.qld.gov.au>; Brandon Z Le (brandon.z.Le@tmr.qld.gov.au);

brandon.z.Le@tmr.qld.gov.au>; Sina Z Louei
 Sina.Z.Louei@tmr.qld.gov.au>; Arielle R Bangalan
 Arielle.R.Bangalan@tmr.qld.gov.au>; Abu Sayeed S

 Choudhury
 AbuSayeed.S.Choudhury@tmr.qld.gov.au>
 >

Subject: 20210330 Meeting minutes - Fortnightly progress meeting for Federal Stimulus SRS & TRSP projects

Hi everyone,

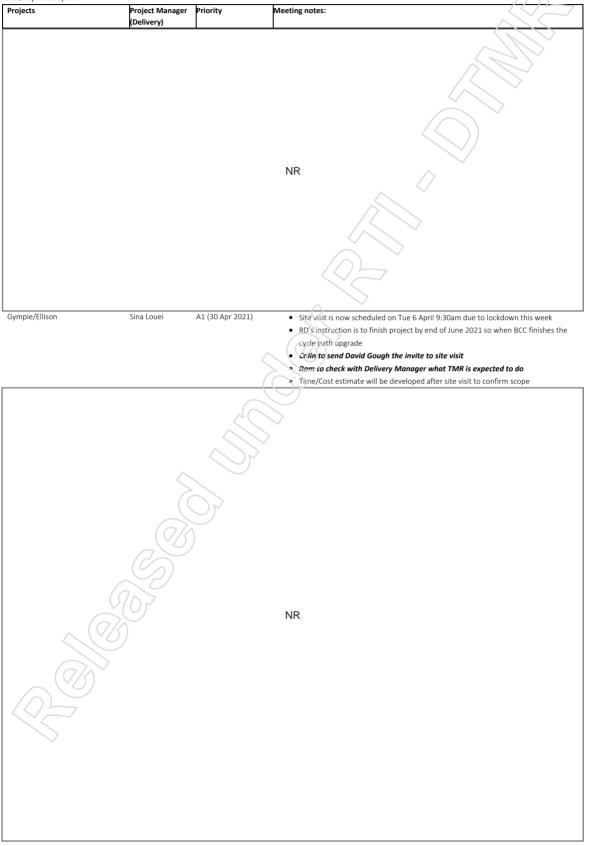
Here are the meeting minutes for today. Please let me know if I miss anything. Thanks.

Attendees:

Delivery: Toby Tsai, Brandon Le, Sina Louei, Abu Choudhury, Arielle Bangalan, Ram Ramachandran,

Technical Services: Ho-Yee Lam, Colin Campbell, David Gough

Time: 1pm to 3pm



NR Regards, Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads Crossing at traffic lights? Don't touch the button, elbow purcip it instead!

From:	Permits <permits@acquiredawareness.com.au></permits@acquiredawareness.com.au>	
Sent:	Friday, 21 May 2021 4:08 PM	
То:	Bruce A Sielaff	
Cc:	Sang V To; Anthony C Rose	
Subject:	RE: TGS Requirement Gympie and Webster Rd	
Attachments:	TGS210989_0990-ROADTEK-ASPLEY-GympieRd&WebsterRd-00-Cvr.pdf	\square

Hi Bruce,

Please find attached your requested Traffic Guidance Scheme suite.

Kind Regards,

CTPI Plans and Permits Co-ordinator TMD OPEN #OP 203

Acquired Awareness Traffic Management Pty Ltd

13 Leonard Crescent, Brendale Queensland 4500 PO Box 5757, Brendale Queensland 4500 P 07 3881 3008

E permits@acquiredawareness.com.au

E CTPI @acquiredawareness.com.au





A.C.N 100 014 284 AATM: A.B.N. 45 831 570 559 AATC: A.B.N. 15 118 715 058 Please consider the environment before printing this email

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From: Bruce A Sielaff <Bruce.A.Sielaff@tmr.qld.gov.au>
Sent: Tuesday, 18 May 2021 3:54 PM
To: Permits <Permits@acquiredawareness.com.au>
Cc: Sang V To <Sang.V.To@tmr.qld.gov.au>; Anthony C Rose <Anthony.C.Rose@tmr.qld.gov.au>
Subject: TGS Requirement Gympie and Webster Rd

Hi Plans Team,

Could you please do TGS's for Gympie Rd and Webster Rd, Aspley.

Could you please make the TGS's Site Specific.

The work site is as per the Shoulder and Slip Lane Closures on the attachments.

We need a TGS for:

1. I require a TGS's for the Shoulder Closure and Slip Lane Closures as Indicated on attachments Gympie and Webster TGS 1 and 2 Requirements

Please quote the Job Number when invoicing. Invoice to : roadtekbrisbanecosting@tmr.gld.gov.au.

Job Number - 7013746 - 0980.

If you could have these done by the COB Thursday 20th May it would be appreciated.

Could you please confirm with me as early as possible.

Kind Regards

Bruce Sielaff Civil Construction Supervisor (Electrical and ITS) | Brisbane Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

 10 Oregon Street | Hemmant Qld 4174

 (07) 3066 4483 | M:
 NR

 bruce.a.sielaff@tmr.qld.gov.au

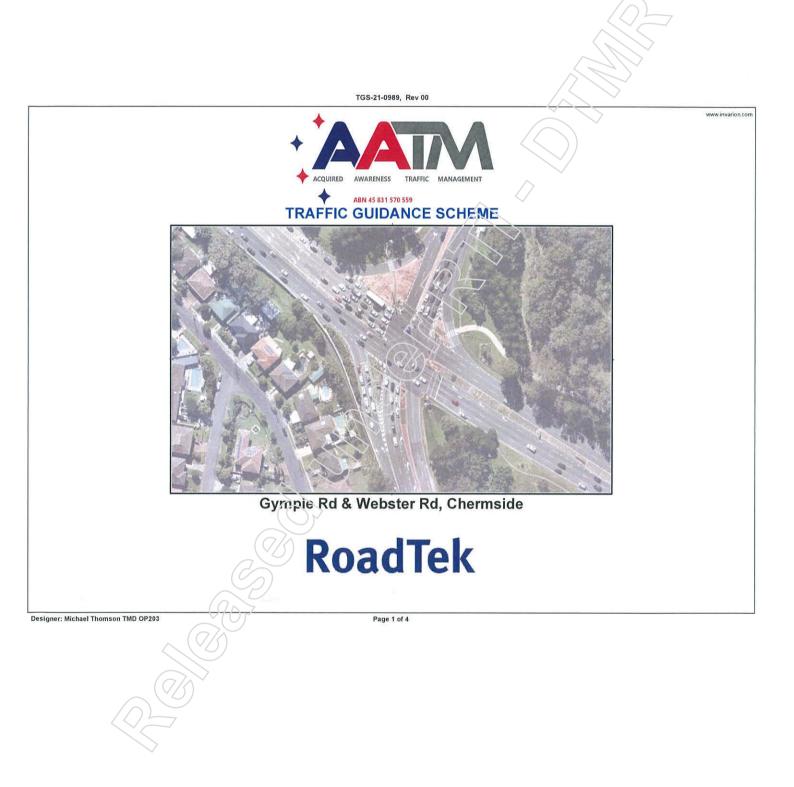
 www.tmr.qld.gov.au

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 \square

Client Name Onsite Contact Onsite Phone RoadTek Anthony Rose NR SITE INFORMATION Works Location Gympie Rd & Webster Rd City / Suburb Chermside Operating Hours Subject to local road asset owner assessment Works Proposed Commencement[2108/2021 Estimated Completion of Works] TBC Secope OF WORKS TGS is developed to allow the client to carry out civil construction operations at Gympie Rd & Webster Rd, Chermside.	Description of the second	LEGEND Traffic Controller Traffic Controller Traffic Controller Traffic Control Vehicle (With Vehicle Neurolet VMS) Variable Message Board (VMS) Variable Message Board (VMS) Attenuator Vehicle (TMA) Queensland Police Service Offic Temporary Bollards (Min 780mm High & 10mm Dia) Traffic Control Integration (Site Specific within these areas of work O 10 Refer to SITE SPECIFIC NOTE num Bus Stop Road User Travelled Direction Safety Barrier System DISK			
	TGS SPECIFIC NOTES	RISK	MITIGATION		
RPEQ sign off: NO Items: N/A RPEQ sign-off: N/A or Competent person sign off: NO Items: N/A Competent Sign-off: N/A Tradice management Plan developed: N/A TMP Table Sign-off: N/A TMP Table Sign-off: N/A Optimal Treatment Plan developed: N/A TMP Teff: N/A TMP Teff: N/A Optimal Treatment Lance Closure, Lateral Shift Traffic Controllers (Ute) Min 2 Traffic Controllers (Ute) Min 2 OPS required N/A Event Marshalls N/A TMP Teff: N/A TGP Vehicles Min 2 WMS Ute N/A Event Marshalls N/A Speed & Cone Spacing Merge Tapel/N/A Lateral Shift Table Sign-off: N/A Signage to the new weak with N/ICP DP to 1 anges or where is flext value tokana Closure of m Max Work Area Closure of m Max Signage to be placed dear of the expected travel path. Condition of anges or where is flext value tokanace of up to 10% loss and 25% more than the distances stated. Tokerances do not apply to stated before instatation to ensure that they are in good condition: and their performance is not impained. Signage to be placed dear of the expected travel path. Condition of anges and devices should be placed approximately at right angles to the line of sight of an approx intrive down and devices thoward before instatation to ensure that the line of sight of an approx intrive down and their performance is not impainde to the sight of an approx intrive down and their per	commensament of operations, - Travel path must be at A MD 3m wide, - Speed reduction to 40kph past the fork area as works high be working within 1.2m of the active travel path Traffic Control to close times as required to work vehicles can park in the closed lane and works can be carried out from the closed lane.	Waters within 1.2m of expected timel path. Cod operations along put here, him packet die lakes, within 1 of 2 lakes. Bus Blops within operational area. TGS to be revised either 12 mor change to MUTCD Part 3. MUTC Austroads Corp. TM CoP; TCAS: technical specifications (e.g. MR (e.g. CID, WHS Act and Regs.)	pad tool area. Alle to derivant and clase should completely clase two pools and the tool of the second second completely class the pools and the class second second second adjacent lane away them ickul adjacent lane away them ickul classifier and the second second classifier and the second second classifier and the second second classifier and the second second classifier and the second second second second second second the form idealt date or upon CD Part 3 Supplement Notes; Table All Supplement Notes; Table 2014 All Supplement Notes; Table 2014 All Supplement Notes; Table 2014 All Supplement Notes; Table 2014 All Supplement Notes; Table 2014 All Supplement Notes; Table 2014 All Supplement Notes; All		
BUS STOPS & LOCAL ACCESS / EGRESS Unders indicated deriverse on the TOS all bus stops and local accessive gress must remain unobstructed INCIDENT MANAGEMENT Ibih even Ihre is an incoder longels contact ANIX VHS on 07.3881 3006 as soon as in safe to do si' and prior to leaving size. For more information refer to AATM WHS manual and Employee Handbook DIRECTIVES For guidance on how to facilitate QPS, WHSO, DTMR, Local Government, and amingancy Senses directives, refer to the AATM WHS manual. In all those studento contact ANIM WHS immediately.	Reference Document: MUTCD Works on Roads Part 3 (Eleventh Edition) DISCLAIMER This Traffe Guidance Scheme (TGS) has been designed to create 'read and/or roadside' area(s) where the client can facilitate works or e disclaims all reporting hard particular to the specified location(s), within set timeframe and in accordance with TGS notes and Acquired Avarences guid TGS was unablelly and a sub-specifier lick assessment. bold e within set timeframe and in accordance with TGS notes and Acquired Avarences guid TGS sets establely and a sub-specifier lick assessment bold e within was to endouble by a completing tension and approved by the client of the specified location (s).	whichever occurs first. TMD app date required. vents (as described and approved t or misuse due to inaccurate, incom ance. All TGS use is subject to a pr	proval to use TGS post revision by the client), Acquired Awarene splete or omitted client information		
esigner: CTP TMD OP203	Page 2 of 4				







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Appendix B3 – Simple Project Tender Evaluation Plan (TEP) template (Tender selection Method 1)

Transport Infrastructure Project Delivery System Volume 2 Tendering for Infrastructure Works

March 2021

CN-16730



Project Name	CN-16730: Gympie Arterial Road and Webster Road		
	intersection, install pedestrian signal and lighting at the slip		
	lanes		
Project Number	1928208		
Project Description	 Installation of pedestrian signals and lighting on the northern side of slip lanes of Gympic Road and Webster Road 		
	2- Provision of 3 new ramps for the slips lanes located on the Webster Road		
	3- Provision of chevron line marking on the shoulders of southern slip lane		
Project Manager	Name: Sina Louei Position: Engineer (Civil) Branch: Program Delivery and Operations		
Project Manager Contact Details	Phone: (07) 3347 5263 Email: Sina.Z.Louei@tmr.qld.gov.au		

Simple Project TEP Template (Tender Selection Method 1)

Version number:	v1
Revision date:	04/05/2021
File number / document number	TBC

1 Brief for TAP

1.1 Project objectives

In accordance to the Transport and Main Roads Supplement to Austroads Guide to Road Design Part 4, Appendix A.7.1 states that in areas where there is a pedestrian demand, unsignalised left turn slip lanes should be avoided at signalised intersections. A slip lane should be removed or signalised in these instances, or an alternative treatment to the slip lane considered. With respect to above, the slip lanes located at the Gympie Rd/ Webster Rd Intersection lane are non-conforming to the standard and therefore, pedestrian signals to be designed and installed at the appropriate locations. The provision of these signals will enhance the safety of both pedestrians and drivers that utilise these roads.

Project summary

Item Details	
Out turn cost estimate	\$500,000.00 (available budget to spend = \$485,042.75)
Scope of works	- Provision of 3 new ramps for the slips lanes located on the Webster Road
	- Provision of traffic signals and lighting for pedestrians and cyclists for both slip lanes
	- Provision of chevron line marking on the shoulders of southern slip lane (Webster Road to Gympie Road)
Special Considerations	N/A

Project Location		Intersection of Gympie and Webster Road		
Timeline		Construction will start by end of May 2021 and complete by 30 Jun 2021, weather and construction condition permitting.		
1.2 Stakeholders				
Project Customer	John Ryan	\frown		
	Deputy Regi	ional Director (Metropolitan Region)		
Project Sponsor	Jeff Weeks			
	Manager (De	elivery)/ Metropolitan Region		

1.3 Contract type (refer to the Project Delivery Strategy for further details)

Minor Infrastructure Contracts (MIC-SI) to RoadTek has been selected as these works are under MOA.

1.4 Programme to contract award

Milestone	S	Target Dates	Date ac	hieve	d/not	es	
Advertise tenders		05 May 2021	\geq				
Tender period start	ts	05 May 2021	>				
Pre-close tender m	eeting	N/A					
Close tenders		21 May 2021					
TAP evaluation		25 May 2021					
Award contract		27 May 2021					
Commence constru	uction	31 May 2021					
HOLD POINT Brief for TAP Signature:		NR	04	/	05	/	21
-	Tendering I	Manager – Sina Louei	Date				

2 Appointment of TAP

2.1 TAP membership

Role	Name	Official position	Insert Date and Signature
Chairperson	Ram Ramachandran	Principal Engineer (Civil)	05/05/2021 NR
Member (7)	Sina Louei	Engineer (Civil)	NR 04/05/2021

Step	Date
Protonder meeting	N/A
Pre-close meeting	N/A
Tender evaluation	25 May 2021
Tender report	26 May 2021
Award contract	27 May 2021

HOLD POINT			
TAP appointed			
Signature:	NR	04 / 05 / 2	21
	Tendering Manager – Sina Louei	Date	

Attach any Statutory Declarations or Deeds of Confidentiality that the TAP members had to sign.

3 Documentation and communication

3.1 Tender selection method (refer to the Project Delivery Strategy for further details)

 \boxtimes Method 1 – price only considerations

- ☐ Method 2 price and non-price considerations (single stage process)
- □ Method 3 price and non-price considerations (two stage process)

□ Method 4 – project specific selection process

3.2 Pre-close of tender meeting

Pretender meeting will be held at the tenderer's request.

3.3 Tender submission

Tender can be submitted electronically.

HOLD POINT Tender documents	completed	NR				
Signature:				04	/ 05	/ 21
	Tendering Ma	anager		Date		
		\bigcirc				
HOLD POINT Approval to invite to	enders					
Signature:		NR		51	5	21.
	Principal		5	Date		
. (7						

Procurement Delegate Endorsement

As a Procurement Delegate with the appropriate level of delegation, I am satisfied that:

- the procurement option selected is appropriate and sufficient justification has been provided
- the Invitation documentation meets the requirements of the departmental procurement standards
- the evaluation criteria and Conditions of Contract are appropriate for this procurement
- the Invitation method selected is appropriate
- the supplier market selected to invite is appropriate
- the Invitation will provide value for money for the department.

I am aware of my responsibilities under the probity and accountability provisions of the Queensland Procurement Policy and I acknowledge that I am accountable for this decision.

Invitation name:	Gympie Arterial Road and Webster Road intersection, install pedestrian signals at slip lanes		
Invitation number:	CN-16730		
Name:	Antonia Price		
Position Title:	Finance Advisor (Procurement)		
Branch:	Program Delivery and Operations		
Procurement Delegation:			
Additional Comments:			
Signature:	Date:		

Appendix J1 – Tender assessment report template (1 stage)

Transport Infrastructure Project Delivery System Volume 2 - Tendering for Infrastructure Works CN-16730

August 2020



Appendix J1 – Tender assessment report template (1 stage)

This **TAR** template is designed for use in the selection of a construction contractor using a single stage infrastructure procurement process.

As not all sections apply to every type of infrastructure procurement process or contract, insert the text "[not used]" rather than delete the section to avoid 'reference not found' errors.

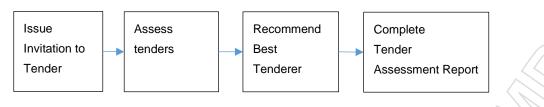
Attached documents should be placed in the Attachment 2 of the TAR.

Tojeet Tender Assessmen	
Project name	Gympie Arterial Road and Webster Road intersection, install pedestrian signal and lighting at the slip lanes
Project number	1928208
Contract number	CN-16730
Brief project description	 Installation of pedestrian signals and lighting on the northern side of slip lanes of Gympie Road and Webster Road Provision of 3 new ramps for the slips lanes located on the Webster Road Provision of chevron line marking on the shoulders of southern slip lane
Brief tender details:	The tender documents were issued to RoadTek on 6 May 2021 with tender closing date on 14 May 2021. RoadTek priced the works and submitted the final quotation via email on 07 May 2021.
Project Manager	Name: Sina Louei Position: Engineer (Civil)
Project Manager details	Phone: P: (07) 3347 5263 M NR Email: Sina Z.Louei@tmr.qld.gov.au
Tendering Manager details	Name: Sina Louei Phone: P: (07) 3347 5263 M: NR Email: Sina.Z.Louei@tmr.qld.gov.au
ТАР	Panel Chair: Ram Ramachandran Panel Member: Sina Louei

Project Tender Assessment Report

Definitions





Term	Description
Best Tender	The most advantageous tender for the Principal in the overall assessment of tenders.
Invitation to Tender	means the tender documents used to invite Tenderers to participate in the full tender.
ТАР	Tender Assessment Panel. For official positions of the TAP refer to Appendix B1 Section 2.1 of the TEP (for complex project) and Appendix B3 (for simple project)
TAR	Tender Assessment Report
TEP	Tender Evaluation Plan
Tenders in Contention	relates to a ranked short list of the most advantageous tenders. For price- only selection (single stage), these are usually the lowest priced acceptable tenders, and for price and non-price selection, the tenders that received the best scores.

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1 Tender communication

The following documents are attached:

- Form C7501 Register of Tender Documents Issued
- Form C7817 Details of Tenders Received

2 Record of tenders submitted

The tender documents were issued to RoadTek as MIC-SI on 6 May 2021, with tender closing date on 14 May 2021. RoadTek submitted the final quotation via email on 7 May 2021.

3 Dealing with non-compliances and discrepancies

No non-conformance was identified with the tender.

4 Sensitivity analysis

A sensitivity analysis is a useful tool to investigate what the effects of increasing the price of schedule work items will have on the overall tender price. This is appropriate when assessing multiple tender submissions, from tenderers external to TMR. However, as this contract is Sole Invitee to RoadTek, and with RoadTek's experience with delivering similar projects in the past, there is a high degree of confidence that the submitted price in their TCE will be close to the actual cost of consideration.

5 Unusually low bids and responses

Not applicable as the contract is Sole Invitee.

6 Consideration of alternative tenders

Not applicable.

7 Dealing with conditions and assumptions

RoadTek has outlined thirteen (13) conditions and assumptions in their quote which have been checked and reviewed by the panel and have been accepted. The conditions and assumptions are considered in line with the contract outcome.

8 Adjustment of tender prices and working tender list

The RoadTek's quotation was submitted on 7 May 2021 with total price of \$435,981 (excluding GST). The tender submission was reviewed by the panel, no further clarification and/or price modifications

Page Number: 152 of 333

was required. The final tender submission has been attached with this report – please refer to attachment 2.

9 Tenders in contention and 'best' tender

As RoadTek has been nominated as Sole Invitee for this tender, the tender could not be compared with other tender documents.

10 Reference documents

The following documents have been attached with the report:

- Tender Evaluation Plan (Tender Evaluation Plan CN16730)
- RoadTek's Tender Submission (Tender Submission CN -16730)

Page Number: 153 of 333

Attachment 1 – Endorsements

In line with the TEP, the Panel is recommending the following Best Tenderer:

Best Tender: The tender submitted by RoadTek for total price of \$435,981 (excluding GST) **Endorsement Panel Members Responsibilities of Panel Members** The Panel Members are responsible for but not limited to: endorsing content and recommendations of TAR ensuring all evaluation material is held in a secure location at all times ٠ evaluating all offers in accordance with the TEP and documenting all outcomes in this TAR maintaining the highest standards of probity, transparency and official conduct • assisting the Panel Chair with the compilation of the final TAR. Date **Panel Member Name Position Title** Signature 10 May 2021 Ram Ramachandran **Principal Engineer** NR (Civil) Sina Louei Engineer (Civil) 10 May 2021 NR

Endorsement Panel Chair

Responsibilities of Panel Chair						
 chairing all meetings of th monitoring and actioned a seeking expertise from othe evaluating all offers in acc addressing any challenge 	prsement and approving content of the TAR					
Name:	Ram Ramachandran					
Position Title:	Principal Engineer (Civil)					
Branch: PDO / Metropolitan Region						
Signature: NR						
Date:	10 May 2021					

Endorsement Probity Advisor

Probity Arivisor engaged?	🗌 Yes 🖾 No
Company:	
Name:	
Signature:	
Date:	

Endorsement Procurement Delegate

As a Procurement Delegate with the appropriate level of delegation, I am satisfied that this request:

- meets the requirements of the TMR procurement procedures
- the evaluation was conducted in accordance with the associated and approved invitation documentation and TEP
- probity, transparency, accountability was monitored and maintained throughout the evaluation process

I am aware of my responsibilities under the probity and accountability provisions of the Queensland Procurement Policy and I acknowledge that I am accountable for this decision.

Name:	Antonia Price
Position Title:	Advisor (Procurement)
Branch:	PDO / Metropolitan Region
Delegation Level:	
Additional Comments:	
Signature:	NR
Date:	10 May 2021

Authorised by Deputy Regional Director

As a Deputy Regional Director, I am satisfied that:

- The TAR has met the obligations of the infrastructure procurement processes, procurement plan and the TEP
- The process and the subsequent engagement will provide value for money to the department

I am aware of my responsibilities under the probity and accountability provisions of the Queensland Procurement Policy and I acknowledge that I am accountable for this decision.

Name:	J ack Ryan John Ryan
Position Title:	Deputy Regional Director (Metropolitan)
Branch:	PDO / Metropelitan Region
Signature:	NR
Date:	11 May 2021
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Attachment 2 – Forms

- Appendix F Tender Forms
 - o C7501: Register of Tender Documents Issued
 - C7817: Details of Tenders Received
- Tender Evaluation Plan
- RoadTek Tender Submission received on 7 May 2021

Transport Infrastructure Project Delivery System, Transport and Main Roads, August 2020

Appendix F – Tender forms

Transport Infrastructure Project Delivery System Volume 2 - Tendering for Infrastructure Works

August 2020



Appendix F – Tender forms

Register of Tender Documents Issued C7501



Contract Number:

CN - 16730

Tender Documents Copy Number	Date Issued	Name of Tendering Company	Tender Contact Name	Tender Contact Details
1	7/05/2021	RoadTek	Sang V To	M: NR
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Details of Tenders Received



C7817				Contract Number:	CN - 1673	0
District/Region	Metro	politan				
Lodgement details	Time	19:30	Date	7 May 2021	Location	Electronic
Name of Tendere	r .	Tender pr incl. G	ice (\$) ST	Appears complying		Comments
RoadTek	2	135,981				Sole Invitee
						\searrow
				\sim		
			\langle			
District Notes:						

Authorisation		
We certify that all tenders rec	ceived by the time for lodgement	of tenders are listed above.
Name/Position	Signature	Date
Antonia Price		10/05/2021
Name/Position	Signature	Date
Sina Louei	NR	10/05/2021
Tender for and on behalf of the Tender external personnel who are engaged to	n Roads collects personal information on this rer. The information on this form is accessible o assess tenders and if your organisation is t intact details to third parties as a point of con	e by authorised departmental officers and he successful tenderer, the Department

Sina Z Louei

From: Sent: To: Cc: Subject: Pinak H Dholakia Friday, 7 May 2021 10:23 AM Sina Z Louei; Sang V To Ram Ramachandran; Matthew A Baylis RE: Tender Documents CN-16730

Hi Sina,

We will see how we go with changes in SAP with the new items. We will try to submit the price today if not then it will have to be Monday.

Regards,

Pinak Dholakia BE Eng.(Civil) M Eng. (Environment) MIEAust CPEng RPEQ (Civil) Senior Project Manager (Civil) | RoadTek South (Brisbane) RoadTek Branch | Department of Transport and Main Roads

Hemmant Depot

<u>10 Oregon Street | Hemmant Qld 4174</u> P: (07) 30664422 | F: (07) 30664457 M: NR E: pinak.h.dholakia@tmr.qld.gov.au W: www.tmr.qld.gov.au

ThinkSAFE, WorkSAFE, StaySAFE



From: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>
Sent: Friday, 7 May 2021 10:03 AM
To: Pinak H Dholakia <Pinak.H.Dholakia@tmr.qld.gov.au>; Sang V To <Sang.V.To@tmr.qld.gov.au>
Cc: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>
Subject: RE: Tender Documents CN 16730

Hi Pinak, Sang,

Thank you for your email.

We acknowledge your response that you will only be providing us with the documents outlined below.

I wanted to send the latest schedule (attached) for you to use when pricing (I understand that Sang has priced the electrical portion already). There were few missing items in the schedule that was issued to you as part of the MIC SI documentation. Please use this attached schedule for your quotation.

Key changes:

- We have checked the drawings against the cost schedule and we identified that the some work items for the footpath ramps and the quantities are missing. This has now been added to the spreadsheet under sheet one under "Work Package A - Road Construct".

- We have also included "Provision for Traffic" 3 times for each work package. I have not deleted this from package B and C yet. Since the works are going to happen at same time, please feel free to only provide price for one the Provision for Traffic for the total duration of the works.

Apologise in advance for the back and forth with the schedule and the confusion that I might have caused. I will endeavour to check all schedules from now on that I receive from the designers and make sure it is in the standard format before it hits your mail box for next projects. For this project, I am more than happy to compile what you have priced already and add it to the attached spreadsheet so you don't have to do it.

Please let me know if you have any queries.

Kind regards, Sina Louei Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division Department of Transport and Main Roads Floor 15 | Adelaide Street | Brisbane QLD 4000 PO Box 70 | Spring Hills QLD 4000 P: (07) 3347 5263 M: NR E: Sina.Z.Louei@tmr.qld.gov.au | W: www.tmr.qld.gov.au Queensland **Customers first** Ideas into action Unleash potential Be courageous Empower people Governmen Great state. Great opportun From: Pinak H Dholakia < Pinak.H.Dholakia@tmr.qld.gov.au> Sent: Thursday, 6 May 2021 3:49 PM To: Ram Ramachandran < Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au > Cc: Sang V To <Sang.V.To@tmr.qld.gov.au>; Ashley W Williams <Ashley.w.Williams@tmr.qld.gov.au>; Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>> Subject: FW: Tender Documents CN-16730 Hi Ram,

We will only submit below documents with tender and not what is attached in Part 3.

C7012- Offer Submission Schedule M4 Tender Program S10 – Ethical supplier Threshold

Documents which will not be submitted are

M-Tender Schedule Summery - Covered in Submission Schedule

M1 – Tender Schedule- Covered in Submission Schedule

M3 – Cashflow- Varies due to start date and scope so not accurate anyway.

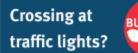
M7A M7B – Day works Schedules – Never Used

S5 - Building code- This is not a federally funded project so it does not apply

Regards,

Pinak Dholakia BE Eng.(Civil) M Eng. (Environment) MIEAust CPEng RPEQ (Civil) Senior Project Manager (Civil) | RoadTek South (Brisbane) RoadTek Branch | Department of Transport and Main Roads Hemmant Depot <u>10 Oregon Street | Hemmant Qld 4174</u> P: (07) 30664422 | F: (07) 30664457 M: ______ M: _____ E: pinak.h.dholakia@tmr.qld.gov.au W: www.tmr.qld.gov.au

ThinkSAFE, WorkSAFE, StaySAFE



Don't touch the button, elbow bump it instead!



From: Janelle L Cash <<u>janelle.l.cash@tmr.qld.gov.au</u>> Sent: Thursday, 6 May 2021 3:39 PM To: Pinak H Dholakia <<u>Pinak.H.Dholakia@tmr.qld.gov.au</u>> Cc: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>; Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Metropolitan Projects <<u>Metropolitan.Projects@tmr.qld.gov.au</u>>; Janelle L Cash <<u>janelle.l.cash@tmr.qld.gov.au</u>> Subject: Tender Documents CN-16730

Good Afternoon Pinak,

Please find attached Tender Documents for CN-16730 for your consideration.

Please respond by the closing date 14th May before 5.00pm to Metropolitan.Projects@tmr.qld.gov.au

Regards,

Janelle Cash

Project Number: 201/U14/1928208 Contract Number: CN-16730 Project Boundary: BRISBANE CITY COUNCIL Asset Name: U14 Gympie Arterial Location: Brisbane, Gympie and Webster Intersection A



NOTE: Estimate must be considered absolutely as the property of Transport and Main Roads until the acceptance of a tender, and must under no circumstances be divulged.

	0				
Item Number	Description	Unit of Measure	Quantity	Unit Rate (\$)	Amount (\$)
MRS02 Jul 20					\mathcal{T}
	Provision for Traffic			MAS -	
20017.01	Planning of temporary traffic management (TMP)	lumpsum	1.00	0.00	0.00
20018.01	Design of temporary traffic management (TGS)	lumpsum	1.09	0.00	0.00
20019.01	Implementation, maintenance and removal of temporary traffic management	lumpsum	1.00	0.00	0.00
20020.01	Administration of temporary traffic management	lumpsum	1.00	0.00	0.00
		~(()			
MRS03 Jan 19					
	Drainage, Retaining Structures and Protective Treatments (January 2019)				
30004.01	Removal or demolition of concrete kerb including kerb crossings	m	12.00	0.00	0.00
30006.01	Removal or demolition of concrete kerb and channel including kerb crossings	m	6.00	0.00	0.00
30452.01	Concrete kerb crossings, [Type 13 with 2 x compliant pedestrian ramp 3m wide + wingwalls]	m	12.00	0.00	0.00
30455.01	Concrete kerb and channel crossings, [Type 6 with 1 x compliant pedestrian ramp 3m wide + wingwalls]	m	6.00	0.00	0.00
30661.01	Hand placed concrete paving, 125mm thick concrete footpath with SL72 mesh (concrete strength 32/20) including 12mm bar where required. Finished surface to match existing	m^2	5.00	0.00	0.00

Work Package A - Road Construction

MRS14 Jul 20					
	Road Furniture				
50002.01	Removal and salvage of road furniture, as listed in Sign Schudule	lumpsum	1.00	0.00	0.00
	Guidance and Information Systems				
	Installation of regulatory, warning and hazard signs, as listed in Sign Schedule	s lumpsum	1.00	0.00	0.00
MRS45 Nov 20					
	Line Marking				
52116.01	Transverse lines (stop lines, holding lines, markings at	m^2	9.00	0.00	0.00
52119.01	Removal of existing transverse lines or shapes, by	m^2	30.00	0.00	0.00
	Continuity line, 200 mm wide, colour white, Cold Applied Plastic	m	15.00	0.00	0.00
52113.01	Outline, 150 mm wide, colour [White], material [Cold applied plastic]	m	55.00	0.00	0.00
	Transverse lines (diagonal and chevron markings, parking areas and kerb markings), colour [white], material [Cold applied plastic]	m^2	35.00	0.00	0.00
MRS50 Oct 20				~	
	Specific Quality System Requirements				
20151.01	Supply of As Constructed documents	item	1.00	0.00	0.00
MRS51 Jul 20				0.00	0.00
	Environmental Management		\rightarrow		
20202.01	Develop Environmental Management Plan (Construction)	lumpsum	1.00	0.00	0.00
20203.01	Implement Environmental Management Plan (Construction)	lumpsum	1.00	0.00	0.00
Non-Standard	90000 Series Items				
	Non-Standard Items				
	Trimming of trees (northern intersection approach)	lumpsum	1.00	0.00	0.00
	Reinstatement of footpath (Due to electrical trenching) (Provisional Item if ordered)	·		0.00	0.00
	Supply and install warning TGSI (Provisional Quantity if ordered)		12.60	0.00	0.00
92002.01P	Supply and install directional TGSI (Provisional Quantity if ordered)	m^2	20.00	0.00	0.00
	\vee		Workpackage Tota	l: \$	-

Project Number: 201/U14/1928208 Contract Number: CN-16730 Project Boundary: BRISBANE CITY COUNCIL Asset Name: U14 Gympie Arterial Location: Brisbane, Gympie and Webster Intersection B



NOTE: Estimate must be considered absolutely as the property of Transport and Main Roads until the acceptance of a tender, and must under no circumstances be divulged.

Work Package B - Road Construction (Traffic Signals)

Item Number	Description	Unit of Measure	Quantity	Unit Rate (\$)	Amount (\$)
MRS02 Jul 20				V2	<u></u>
	Provision for Traffic		4] [[~	
20017.01	Planning of temporary traffic management (TMP)	lump sum	1.00	0.00	0.00
20018.01	Design of temporary traffic management (TGS)	lump sum	1.00	0.00	0.00
	Implementation, maintenance and removal of	lump sum	1.00	0.00	0.00
20019.01	temporary traffic management				
		lump sum	1.00	0.00	0.00
20020.01	Administration of temporary traffic management	$\langle \rangle$	~		
MRS96 Jul 17					
	Management and Removal of Asbestos				
21301.01	Identifying and managing asbestos on Site [pits and conduits within scope of works]	lump sum	1.00	0.00	0.00
21302.01	Removing and disposing of Asbestos Containing Material on Site [pits and conduits within scope of works]	lump sum	1.00	0.00	0.00
MRS91 Jul 20					
	Conduit and Conduit Fittings Underground				
60007.01	Supply and installation of [2] of [100] mm, [HD], [rigid PVC orange electrical] conduit(s), in [concrete island].	m	20.00	0.00	0.00
60007.02	Supply and installation of [2] of [100] mm, [HD], [rigid PVC orange electrical] conduit(s), in [road].	m	20.00	0.00	0.00
	Ancillary Works				

60154.01	Removal of cable jointing pit(s) (all types)	each	2.00	0.00	0.00
	Cable Jointing Pits				
60204.01	Supply and installation of cable jointing pit [Circular].	each	6.00	0.00	0.00
RS92 Mar 18					
	Traffic Signal Footings				
60301.01	Traffic signal post footing	each	4.00	0.00	0.00
	Road Lighting Footings				
60351.01	Road lighting pole footing, [600] mm diameter.	each	2.00	0.00	0.00
RS93 Oct 17					/
	Traffic Signal Equipment				5
60403.01	Supply and installation of traffic signal equipment, [7x new finials to suit 36 core cable]	lumpsum	1.00	0.00	0.0
60403.02	Supply and installation of traffic signal equipment, [1x 8-Group Lamp Control Module]	lumpsum	1.00	0.00	0.0
	Traffic Signal Posts and Mast Arms				>
60459.01	Supply and installation of traffic signal post [4.1] metres long, [without] hinged baseplate.	each	4.00	0.00	0.0
60461.01	Supply and installation of joint use traffic signal and road lighting pole, [8.5] metres long.	each	2.00	0.00	0.0
	Traffic Signal Lanterns		$\langle \langle c \rangle \rangle$		
60507.01	Supply and installation of [ground mounted] traffic signal lantern, [LED], [2] aspect, [200] mm aspect diameter, and [single] target board.	each	6.00	0.00	0.0
60508.01	Supply and installation of pedestrian lantern, [LED].	each	4.00	0.00	0.0
	Supply and installation of traffic signal pedestrian push button, [audio-tactile].	each	4.00	0.00	0.0
	Detector Loops				
60556.01	Supply and installation of Personality EPROM	lumpsum	1.00	0.00	0.0
60557.01	Commissioning and testing of Personality EFROM	lumpsum	1.00	0.00	0.0
RS256 Jul 18					
	Power Cables				
67103.01	Supply of traffic signal cable, [1.5mm ²], [36] cores, [XLPE], [PVC], [Cu].	m	420.00	0.00	0.0
67103.02	Supply of traffic signal cable, [1.5mm ²], [19] cores, [XLPE], [P/C], [Cu].	m	10.00	0.00	0.0
67110.01	Installation, jointing and termination of traffic signal cable, [36] cores.	m	420.00	0.00	0.0
	Installation, jointing and termination of traffic signal		10.00	0.00	0.0



67191.01 Removal of underground cable	m	200.00	0.00	0.00
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Project Number: 201/U14/1928208 Contract Number: CN-16730 Project Boundary: BRISBANE CITY COUNCIL Asset Name: U14 Gympie Arterial Location: Brisbane, Gympie and Webster Intersection C



NOTE: Estimate must be considered absolutely as the property of Transport and Main Roads until the acceptance of a tender, and must under no circumstances be divulged.

Work Package C - Road Construction (Road Lighting)

Item Number	Description	Unit of Measure	Quantity	Unit Rate (\$)	Amount (\$)
MRS02 Jul 20				NZ	
	Provision for Traffic		~] [[~	
20017.01	Planning of temporary traffic management (TMP)	lump sum	1.00	0.00	0.00
20018.01	Design of temporary traffic management (TGS)	lump sum	1.00	0.00	0.00
	Implementation, maintenance and removal of	lump sum	1.00	0.00	0.00
20019.01	temporary traffic management				
		lump sum	1.00	0.00	0.00
20020.01	Administration of temporary traffic management	$\langle \langle \rangle \rangle$	~		
MRS91 Jul 20		<u> </u>			
	Conduit and Conduit Fittings Underground				
60007.01	Supply and installation of [2] of [100] mm, [HD], [rigid	m	115.00	0.00	0.00
	PVC orange electrical] conduit(s), in [earth].				
	Cable Jointing Pits				
60204.01	Supply and installation of cable jointing pit [Circular].	each	3.00	0.00	0.00
60204.02	Supply and installation of cable jointing pit [P4].	each	1.00	0.00	0.00
MRS94 Nov 19					
	Road Lighting				
60702.01	Supply of [single] read lighting outreach arm, [3000] mm long.	each	2.00	0.00	0.00
60711.01	Installation of road lighting outreach arm	each	2.00	0.00	0.00

60724.01	Supply and installation of road lighting luminaire, [Gerard], [ROADLED 175W 02A AERO 4K 216150M].	each	2.00	0.00	0.00
RS228 Jul 18					
	Switchboards				
64201.01	Supply of top mounted switchboard and ancillary components	each	1.00	0.00	0.00
64202.01	Supply and construction of a concrete pad for the erection of switchboard post	lump sum	1.00	0.00	0.00
64203.01	Installation of top mounted switchboard and ancillary components	each	1.00	0.00	0.00
RS228 Jul 18					
	Mains Connection			~	
64251.01	Supply of mains connection equipment, including the supply of mains connection cable, [110m], [LV mains to 80A fuse], [25mm ²], [2] cores, [XLPE], [PVC], [Cu].	each	1.00	0.00	0.00
64252.01	Installation of mains connection including mains connection cable	each	1.00	0.00	0.00
RS256 Jul 18					
	Power Cables				
67101.01	Supply of underground road lighting cable, [16mm ²], [2] cores, [XLPE], [PVC], [Cu].	m	130.00	0.00	0.00
67105.01	Supply of cable joint, [fused].	each	2.00	0.00	0.00
67109.01	Installation, jointing and termination of underground road lighting cable, [2 cores]	m	130.00	0.00	0.00
			Workpackage To	tal: \$	-



Page Number: 170 of 333

Sina Z Louei

From: Sent: To: Cc:

Subject: Attachments: Pinak H Dholakia Friday, 7 May 2021 7:30 PM Metropolitan Projects Sina Z Louei; Ram Ramachandran; Janelle L Cash; Sang V To; Gavin D Mann; Matthew A Baylis RE: Tender Documents CN-16730 Tender Submission - CN -16730.pdf

Hello,

Please find attached Tender submission for CN-16730

Regards,

Pinak Dholakia BE Eng.(Civil) M Eng. (Environment) MIEAust CPEng RPEQ (Civi!) Senior Project Manager (Civil) | RoadTek South (Brisbane) RoadTek Branch | Department of Transport and Main Roads

Hemmant Depot <u>10 Oregon Street | Hemmant Qld 4174</u> P: (07) <u>30664422 | F: (07) 30664457</u> M <u>NR</u> E: <u>pinak.h.dholakia@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u>

ThinkSAFE, WorkSAFE, StaySAFE



From: Janelle L Cash <janelle.l.cash@tmr.qld.gov.au>
Sent: Thursday, 6 May 2021 3:39 PM
To: Pinak H Dholakia <Pinak.H.Dholakia@tmr.qld.gov.au>
Cc: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>; Ram Ramachandran
<Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; Metropolitan Projects
<Metropolitan.Projects@tmr.qld.gov.au>; Janelle L Cash <janelle.l.cash@tmr.qld.gov.au>
Subject: Tender Documents CN-16730

Good Afternoon Pinak,

Please find attached Tender Documents for CN-16730 for your consideration.

Please respond by the closing date 14th May before 5.00pm to Metropolitan.Projects@tmr.qld.gov.au

Regards,

Janelle Cash

Offer Sole Invitation Contract



C7012	Contract Number:	CN-16730					
To: The Principal	District/Region						
The State of Queensland acting through the Department of Transport and Main Roads PO Box 70 Brisbane QLD 4001	Metropolitan Region						
To be completed by the Offeror		\bigcirc					
I/We (Name of Offeror)		$\langle Q \rangle$					
Name of Offeror	ACN or ABN (if applica	ble)					
RoadTek	39 407 690 291						
of	1						
Street Address	Postal Address						
10 Oregon Street, Hemmant 4174	10 Oregon Street, Hem						
 offer to construct the Works as describe for the Schedule of Rates; on or before the Date for Practical (in accordance with the requirement Amount in Words 	Completion;	Documents.					
Four hundred and thirty five thousand nine	\$ 435,981 Ex GS						
hundred eighty one Dollars Excl. GST							
The following details are provided as pa	rt of our Offer						
Insurance Warkerla equar							
Worker's cover							
Policy Number GAA100744508	Expiry date 30/09/2021						
Public liability	Insured amount						
Insurer/Policy Number DTMR / LIA / 2020-2021	Expiry date 30/6/2021	\$ 100,000,000 any one Occurrence					
Insurance of the Works (if option exercise	sed)	Insured amount					
Insurer/Policy Number DTMR / CW / 2020-2021	Expiry date 30/06/2021	\$ 30,000,000					
Health and Safety Officer							
Name	Telephone num	ber					
Janet Schulz	(07) 3066 5594						
Contractor's Representative							
Name Sana Ta	Telephone num						
Sang To	NR	Sang.V.To@tmr.qld.go v.au					
Proposed Working Days and Hours		•					
Days Hours							
Sunday to Thursday 1830 - 0500	Refer to Annexu	ire A, Item 33.					
Authorisation							
Name	Position						
Pinak Dholakia	Senior Project N	lanager, RoadTek Brisbane					
Signature NR	Date 07/05/2021						

The Department of Transport and Main Roads collects Personal Information on this Form so that you may authorise the Tender for and on behalf of the Tenderer. The information on this Form is accessible by authorised departmental officers and external personnel who are engaged to assess Tenders and if your Offer is accepted, the department may from time to time disclose your contact details to third parties as a point of contact.

7th May 2021 The Regional Director Department of Main Roads Po Box 70 Spring Hill Qld 4004

Attn: Ram Ramachandran,

Dear Sir

Tender Submission Gympie Road and Webster Road Slip Lane Upgrade Contract No: CN-16730

RoadTek are pleased to submit the offer for the associated works for Gympie Road and Webster Road Slip Lane Upgrade Works for the value of **\$435,981 excl. GST. Based** on information provided.

Please note that our quotation is based on the following assumptions/conditions:

- RoadTek requires 10 working days to allow for organisation of labour and preparation of Project Management plans.
- Submission schedule rates reflect project specific information received from PD&O.
- RoadTek have allowed for traffic management in accordance with MUTCD Part 3 Works on Roads. Any outstanding requirement beyond this such as RPEQ intervention. will constitute a variation to the contract.
- RoadTek has assumed that PD&O will undertake public notification of all stakeholders.
- RoadTek offer does not include removal of hazardous material. If removal is required, it will constitute variation and warrant extension of time.
- Estimate is prepared based on cost plus reimbursable basis
- RoadTek's offer does not include stoppages to program due to public accidents. This will constitute variation and warrant extension of time.
- No services relocation has been allowed in price by RoadTek. It is assumed that Design prepared considered services in the area
- RoadTek offer does not include delays caused by hard ground. If delay is experienced, it will constitute variation and warrant extension of time.
- RoadTek offer does not include delays caused by inclement weather. If delay is experienced, it will constitute variation and warrant extension of time.
- RoadTek has assumed that all Frosion & Sediment Control planning is low risk. If engagement of a RPEQ is required, it will constitute variation and warrant extension of time.
- Working hours allowed for at Sunday Thursday 1830pm 0500am
- RoadTek rates are valid for 90 days

If any additional details are required, please do not hesitate to contact Sang To on NR

Yours sincerely

NR

Pinak Dholakia Senior Project Manager RoadTek South (Brisbane)

> Infrastructure Management and Delivery RoadTek 10 Oregon St Hemmant 4174

 Telephone
 +61 7 3066 4422

 Facsimile
 +61 7 30664457

 Website
 www.tmr.qld.gov.au

 Email
 Pinak.H.Dholakia@tmr.qld.gov.au

 ABN 39 407 690 291

Department of

Transport and Main Roads

ABN 39407690291

RoadTek Brisbane Operations 10 Oregon Street Hemmant, QLD, 4174 Enquiries: 07 3066 4436

Submission Schedule



Queensland Government

Department of Transport and Main Roads

Metropolitan Region SPRING HILL , QLD, 4000

> Contract Number: Customer Number: Customer Reference: Date:

6110010582 500111 TBA 07.05.2021

BW - Gympie Rd/Webster Rd Slip lane

Item	Description	Unit	Quantity	Unit Rate	Amount(AUD)
	MRS02 Jul 20	· · · · ·			
	Provision for Traffic				
20017.01B	Planning of temporary traffic management (TMP)	lump sum	1.00		
20018.01B	Design of temporary traffic management (TGS)	lump sum	1.00		
20019.01B	Implementation, maintenance and removal of temporary traffic management	lump sum	1.00		
20020.01B	Administration of temporary traffic management	iump sum	1.00		
20020.02B	Service Location	LMP	1.00		
20020.03B	Site surveying	LMP	1.00		
	MRS96 Jul 17	\square			
	Management and Removal of Asbestos				
21301.01B	Identifying and managing asbestos on Site	lump sum	1.00		
21302.01B	Removing and disposing of Asbestos Containing Material	lump sum	1.00		
	on Site				CTPI
	MRS91 Jul 20				
	Conduit and Conduit Fittings Underground				
60007.01B	S+I of [2] of [100] mm, [HD], [rigid PVC orange electrical] conduit(s),in [concrete island].	m	20		
60007.02B	S+I of [2] of [100] mm, [HD], [rigid PVC orange electrical] conduit(s),in [road].	m	20		
	Ancillary Works				
60154.01B	Removal of cable jointing pit(s) (all types)	each	2		
	Cable Jointing Pits				
60204.01B	Supply and installation of cable jointing pit [Circular].	each	6		
	MRS92 Mar 18				
	Traffic Signal Footings				
60301.01B	Traffic signal post footing	each	4		
	\sim				

Page 1 of 5

Name of Tenderer: RoadTek

Tenderer's signature...... Witness

ltem	Description	Unit	Quantity	Unit Rate	Amount(AUD)
	Road Lighting Footings				
60351.01B	Road lighting pole footing, [600] mm diameter.	each	2		\searrow
	MRS93 Oct 17				\bigcirc
	Traffic Signal Equipment				\geq
60403.01B	S+I of traffic signal equipment, [7x new finials to suit 36 core cable]	lumpsum	1.00		
60403.02B	S+I of traffic signal equipment, [1x 8-Group Lamp Control Module]	lumpsum	1.00	\sum	
	Traffic Signal Posts and Mast Arms				
60459.01B	S+I of traffic signal post [4.1] metres long, [without] hinged baseplate.	each	4		
60461.01B	S+I of joint use traffic signal and road lighting pole, [8.5] metres long.	each	2		
	Traffic Signal Lanterns				
60507.01B	S+I of traffic signal lantern, [LED], [2] aspect, [200] mm aspect diameter, and [single] target board.	each	6		
60508.01B	S+I of pedestrian lantern, [LED].	each	4		
60511.01B	S+I of traffic signal pedestrian push button, [audio-tactile].	each	4		
	Detector Loops				
60556.01B	S+I of Personality EPROM	lumpsum	1.00		CTPI
60557.01B	Commissioning and testing of Personality EPROM MRS256 Jul 18	iumpsum	1.00		
	Power Cables	ĺ			
67103.01B	Supply of traffic signal cable, 36 cores,	m	420		
67103.02B	Supply of traffic signal cable, 19 cores	m	10		
67110.01B	Installation, jointing and termination of traffic signal cable, [36] cores.	m	420		
67110.02B	Installation, jointing and termination of traffic signal cable, [19] cores.	m	10		
67191.01B	Removal of underground caple	m	200		
	Sub-Total				
	MRS02 Jul 20 Provision for Traffic				
20017.01C	Planning of temporary traffic management (TMP)	lump sum	1.00		
20018.01C	Design of temporary traffic management (TGS)	lump sum	1.00		
20019.01C	Implementation, maintenance and removal of temporary traffic management	lump sum	1.00		

Page 2 of 5

Name of Tenderer: RoadTek

...... Witness

Tenderer's signature......

NR

ltem	Description	Unit	Quantity	Unit Rate	Amount(AUD)
20020.01C	Administration of temporary traffic management	lump sum	1.00		
20020.02C	Site surveying	LMP	1.00		\leq
20020.03C	Asbestos Management Plan	LMP	1.00		\supset
	MRS02 Jul 20				\geq
	Conduit and Conduit Fittings Underground			$\langle \langle \cdot \rangle$	
60007.01C	S+I of 2 of 100 mm conduit(s),	m	115		
	Cable Jointing Pits				
60204.01C	S+I of cable jointing pit Circular	each	3		
60204.02C	S+I of cable jointing pit [P4].	each	1	Ň.	
	MRS94 Nov 19		\square		
	Road Lighting		\sim		
60702.02C	Supply and Install JU Pole footing	each	2		
60702.03C	Supply and Install Joint-Use Pole 8.5m	each	2		
60702.01C	Supply of singleroad lighting outreach arm 3000 mm long.	each	2		
60711.01C	Installation of road lighting outreach arm	each	2		
60724.01C	S+I of road lighting luminaire, ROADLED 175W 02A.	each	2		
00.2.00.0	MRS228 Jul 18		_		
	Switchboards				CTPI
64201.01C	Supply of top mounted switchboard and ancillary components	each	1		
64202.01C	Supply and construction of a concrete pad for the erection of switchboard post	lump sum	1.00		
64203.01C	Installation of top mounted switchboard and ancillary components MRS228 Jul 18	each	1		
	Mains Connection				
64251.01C	Supply of mains connection equipment, including the	each	1		
04201.010	supply of mains connection cable, [110m], [LV mains to 80A fuse], [25mm ²], [2] cores, [XLPE], [PVC], [Cu].	Cuon			
64252.01C	Installation of mains connection including mains connection cable	each	1		
	MRS256 Jul 18 Power Cables				
67101.01C	Supply of underground road lighting cable, [16mm ²], [2] cores, [XLPE], [PVC], [Cu].	m	130		
67105.01C	Supply of cable joint, [fused].	each	2		

Page 3 of 5

Name of Tenderer: RoadTek

Tenderer's signature.....

NR

ltem	Description	Unit	Quantity	Unit Rate Amount(AUD)
67109.01C	Installation, jointing and termination of underground road lighting cable, [2 cores] Sub-Total	m	130	СТРИ
	Civil works schedule			
	Civil works schedule			
	Provision for Traffic			
20017.01	Planning of temporary traffic management (TMP)	lumpsum	4	
20018.01	Design of temporary traffic management (TGS)	lumpsum	1	
20019.01	Implementation, maintenance and removal of temporary traffic management	lumpsum	¹	ř
20020.01	Administration of temporary traffic management	lumpsum	1	
	Drainage, Retaining Structures and Protective Treatments (January 2019)			
30004.01	Removal or demolition of concrete kerb including kerb crossings	m	12 7	
30006.01	Removal or demolition of concrete kerb and channel including kerb crossings	m	6	
30452.01	Concrete kerb crossings, [Type 13 with 2 x compliant pedestrian ramp 3mwide + wingwalls]	m	12	
30455.01	Concrete kerb and channel crossings, [Type 6 with 1 x compliant pedestrian ramp 3m wide + wingwalls]	m	6	
30661.01	Hand placed concrete paving, 125mm thick concrete footpath with SL72 mesh (concrete strength 32/20) including 12mm bar where required. Finishedsurface to match existing Road Furniture	m2	5	СТРІ
50002.01	Removal and salvage of road furniture, as listed in Sign Schudule	lumpsum	1	
	Guidance and Information Systems			
50056.01	Installation of regulatory, warning and hazard signs, as listed in SignSchedule Line Marking	lumpsum	1	
52116.01	Transverse lines (stop lines, holding lines, markings at Stop and Give Way signs, pedestrian crosswalk lines, arrows, shapes, symbols and numerals), colour white, Cold Applied Plastic	m2	9	
52119.01	Removal of existing transverse lines or shapes, by [WATERBLASTING]	m2	30	

Page 4 of 5

Name of Tenderer: RoadTek

...... Witness

Tenderer's signature......

NR

ltem	Description	Unit	Quantity	Unit Rate	Amount(AUD)
52111.01	Continuity line, 200 mm wide, colour white, Cold Applied Plastic	m	15		
52113.01	Outline, 150 mm wide, colour [White], material [Cold applied plastic]	m	55		
52117.01	Transverse lines (diagonal and chevron markings, parking areas and kerbmarkings), colour [white], material [Cold applied plastic] Specific Quality System Requirements	m2	35		~
20151.01	Supply of As Constructed documents	item		\sim	
20101.01	Environmental Management	lion		\checkmark	
20202.01	Develop Environmental Management Plan (Construction)	lumpsum			
20203.01	Implement Environmental Management Plan (Construction)	lumpsum	1		СТРІ
	Non-Standard Items				
90101.01	Trimming of trees (northern intersection approach)	lumpsum	1		
90101.02P	Reinstatement of footpath (Due to electrical trenching) (Provisional Item if ordered)	Lump Sum	1.00		
92001.01P	Supply and install warning TGSI (Provisional Quantity if ordered)	m2	12.600		
92002.01P	Supply and install directional TGSI (Provisional Quantity if ordered)	m2	20		
	Subtotal	\geq			

 Total for project(excluding GST)
 435,981

 GST for project(GST rate =10.00 %)
 43,598

 Total for project(including GST)
 479,579

 Page 5 of 5
 Name of Tenderer: RoadTek

......Witness

Page Number: 178 of 333

Tenderer's signature.....



C7810.M4

Contract Number: CN - 16730

The Tenderer's attention is directed to the Conditions of Tendering for requirements for tender program. Where a Critical Path Network Program applies, as stated in the Annexure to the Conditions of Contract, a program in that format must be attached to this Tender Schedule.

Activity	Weeks/year										Weeks/year									
Light Works															~			$\langle \langle \rangle$		
Signal Works																	\sum			
Civil works																				
													1			/				
												<		\square	7					
							+			1										
		1				†	†		/			\supset								
						 	+		\sim		\supset		 	+ 						
						 	<u>+</u>	\langle			7									
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		1							>											
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		<u> </u>				Ŕ	17													
				2	$\left(\right)$	$\overline{\mathbf{b}}$	<u>/</u>							 						
			~	\bigcirc	\sum		<u> </u>													

or a Tender Program in an appropriate format is attached Yes \Box No \boxtimes

Authorisation		
For and on behalf of the Tende	erer	
Name/Position	Signature	Date
Pinak Dholakia (Senior Project Manager)		7/5/2021
Name of Tenderer		
RoadTek		
for and on behalf of the Tenderer. The in	Roads collects personal information on this for nformation on this form is accessible by author nders and if your organisation is the success	prised departmental officers and external

time to time disclose your contact details to third parties as a point of contact.



C7810.S10

Contract Number: CN - 16730

Tender Schedule S10 – Ethical Supplier Threshold

It is a mandatory criterion that the Tenderer must comply with the Ethical Supplier Threshold (Threshold). Please provide the following details about the Tenderer:

From 1 August 2019, has the Tenderer:

Contravened a civil remedy provision of chapter 2 or chapter 3 of the Fair Work	Yes	
Act 2009 (Cth), or committed an offence against the Fair Work Act?	No	\boxtimes
Contravened a civil remedy provision of chapters 2, 3, 4, 5, or 7 of the Industrial	Yes	
Relations Act 2016 (Qld), or committed an offence against the Industrial Relations Act, or failed to pay employment related levies, or other payments, established under the Industrial Relations Act?	No	\boxtimes
Failed to make superannuation contributions on behalf of employees in	Yes	
accordance with law?	No	\boxtimes
Purported to treat employees as independent contractors, where they are not?	Yes	
Pulponed to treat employees as independent contractors, where they are not?	No	\boxtimes
Required persons who would otherwise be employees to provide an Australian	Yes	
Business Number so that they could be treated as independent contractors?	No	\boxtimes
Engaged persons on unpaid work trials or an unpaid intern, where they should be	Yes	
treated as employees?	No	\boxtimes
Entered into an arrangement for the provision of labour hire services with a	Yes	
person who is not licensed under the <i>Labour Hire Licensing Act</i> 2017 (Qld), or a supplier who is an unlicensed provider under the Act?	No	\boxtimes
Poid employee's wegee balaw these provided for in an applicable modern eword?	Yes	
Paid employee's wages below those provided for in an applicable modern award?	No	\boxtimes

If the response to any of the question above is 'yes', please provide details and confirm if the issue has now been resolved.

I confirm the response to the above questions is true and is to the best of my knowledge. I understand this tender may not be considered and the Tenderer's prequalification status may be affected if I supply incorrect and / or misleading information.

Signature	NR	

Name of individual signing on behalf of the tenderer: Pinak Dholakia (Senior Project Manager)



C7810.S10

Contract Number: CN - 16730

Tenderers should note the following:

- Compliance with the Ethical Supplier Threshold is mandatory in order for a tender to be considered. Failing to comply with the requirements of the Ethical Supplier Threshold is a 'substantial breach' in accordance with Clauses 44.2(a) and (b) of the General Conditions of Contract.
- If the response to any of the questions above is 'yes', and without valid justification to the satisfaction of the Principal, the tender may be deemed as non-conforming.
- The Principal may obtain information about the Tenderer relevant to the Tenderer's compliance with the Ethical Supplier Threshold that may be held by the QPP Compliance Unit or any Government Department or Instrumentality and take the information into account in assessing the tender.
- The Contractor acknowledges that a failure to comply with the Principal's policies that apply to the work under the proposed contract or the Contractor's obligations under the proposed contract may result in the imposition of a demerit or sanction under the Ethical Supplier Mandate, in addition to any other remedies available to the Principal under this Contract.
- Once the contract is awarded, the Contractor is required to comply with the Ethical Supplier Threshold during the contract term. The Principal reserves the right to give a show cause notice if the Principal reasonably suspect the Contractor is not complying with the Ethical Supplier Threshold.

Definitions:

- Ethical Supplier Mandate means the Queensland Government Policy titled 'Ethical Supplier Mandate' or any policy that replaces that policy;
- Ethical Supplier Threshold means the Ethical Supplier Threshold in paragraph 2.3 of the Queensland Procurement Policy;
- Government Department or Instrumentality means any governmental regulator, including Work Health Safety Queensland, the Queensland Building and Construction Commission, the Fair Work Commission and the Australian Building and Construction Commission; and
- QPP Compliance Unit means the Queensland Procurement Policy (QPP) Compliance Unit, Office of the Chief Advisor – Procurement, Department of Housing and Public Works.

Page Number: 181 of 333

From: Sent: To: Subject: Attachments: Ram Ramachandran Monday, 10 May 2021 10:41 AM Sina Z Louei FW: NBB - Aspley - TMR Query Responses 210077 - North Brisbane Bikeway Construction Issue Drawings for TMR.ZIP

Follow Up Flag: Flag Status: Follow up Flagged

Sina

Please have a look and discuss if there are any issues/concerns

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

From: Junwei Ang <Junwei.Ang@tmr.qld.gov.au> Sent: Wednesday, 5 May 2021 5:27 PM To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au> Subject: FW: NBB - Aspley - TMR Query Responses

FYI, BCC's final plans.

Kind Regards,

Junwei Ang Principal Engineer | Metropolitan Region / Brisbane Office Program Delivery & Operations Branch | Infrastructure Management & Delivery | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane City Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 4181 E: junwei.ang@tmr.gld.gov.au W: www.tmr.gld.gov.au

From: Luke Manley <<u>Luke.Manley@brisbane.qld.gov.au</u>> Sent: Wednesday, 5 May 2021 4:47 PM To: Junwei Ang <<u>Junwei.Ang@tmr.qld.gov.au</u>> Cc: Hamish Turner <<u>Hamish.Turner@brisbane.qld.gov.au</u>>; Adelaide Anderson <<u>Adelaide.Anderson@brisbane.qld.gov.au</u>> Subject: NBB - Aspley - TMR Query Responses Hey Junwei

Sorry for the slow response. See below which should close out all of the issues.

Let me know if there is anything outstanding.

Thanks

Luke Manley

Project Delivery Manager, Civil Infrastructure Project Management Branch | City Projects Office Brisbane Infrastructure | **BRISBANE CITY COUNCIL**

Green Square | Level 1, 505 St Paul's Tce, Fortitude Valley, Qld 4006 Phone: +61-7-3178 7437



NR
\sim $(B)^{\sim}$
nt: Friday, 30 April 2021 3:46 FM

S

To: Luke Manley <<u>Luke Manley@brisbane.qld.gov.au</u>> Cc: Imtiaz M Abdul <<u>imtiaz.m.abdul@tmr.qld.gov.au</u>>; Hamish Turner <<u>Hamish.Turner@brisbane.qld.gov.au</u>>; Adelaide Anderson <<u>Adelaide.Anderson@brisbane.qld.gov.au</u>> Subject: RE: RDS - NBB - Aspley - Drawing set for TMR approval

Hi Luke,

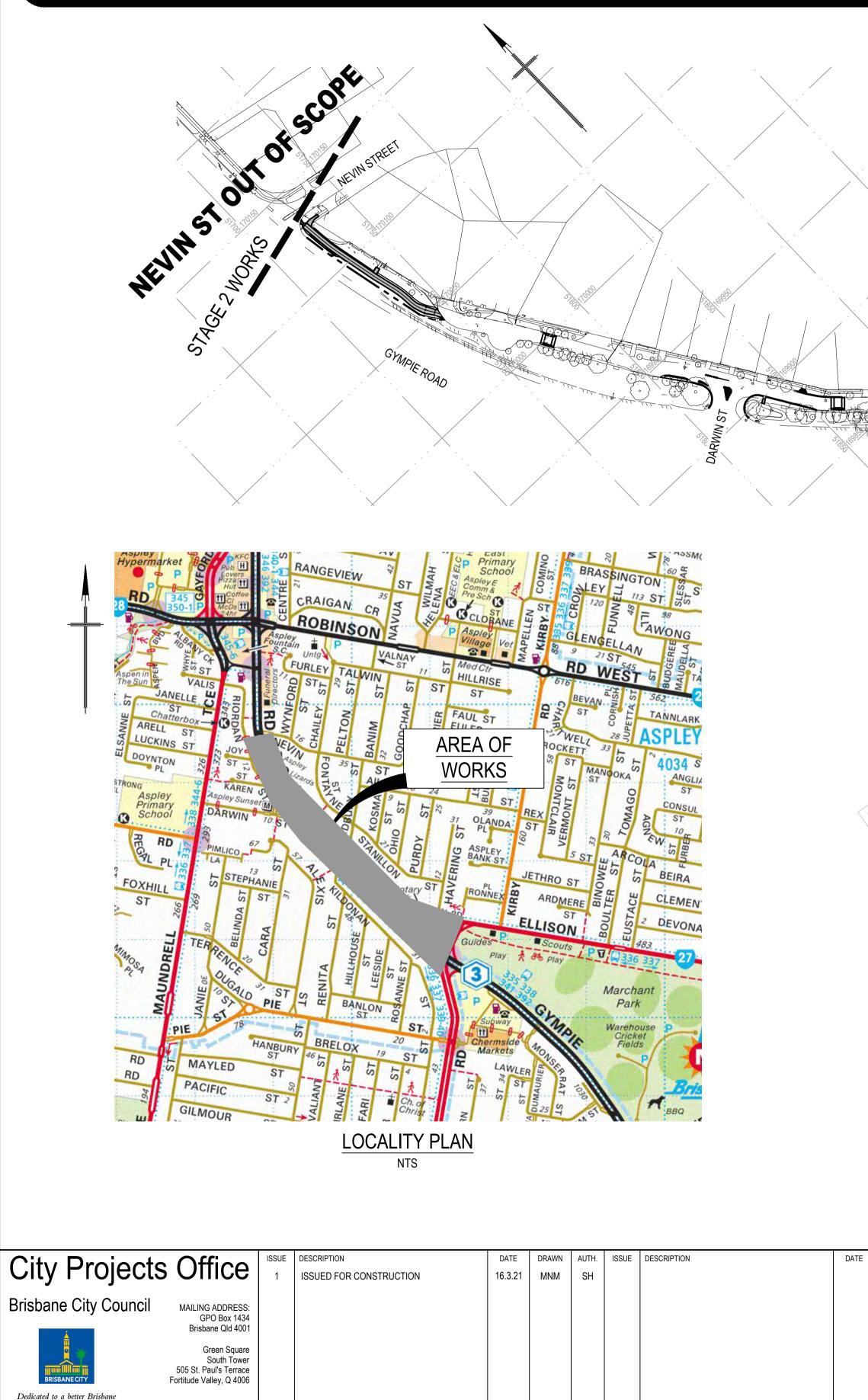
Any further update since our meeting of 14/4/2021?

Kind Regards,

Junwei Ang Principal Engineer | Metropolitan Region / Brisbane Office Program Delivery & Operations Branch | Infrastructure Management & Delivery | Department of Transport and Main Roads



NORTH BRISBANE BIKEWAY - CHERMSIDE TO ASPLEY WEBSTER ROAD TO NEVIN STREET, ASPLEY - STAGE 1



e-mail: cityprojects@brisbane.qld.gov.au

GYMPIE ROAD

GENERAL ARRANGEMENT NTS

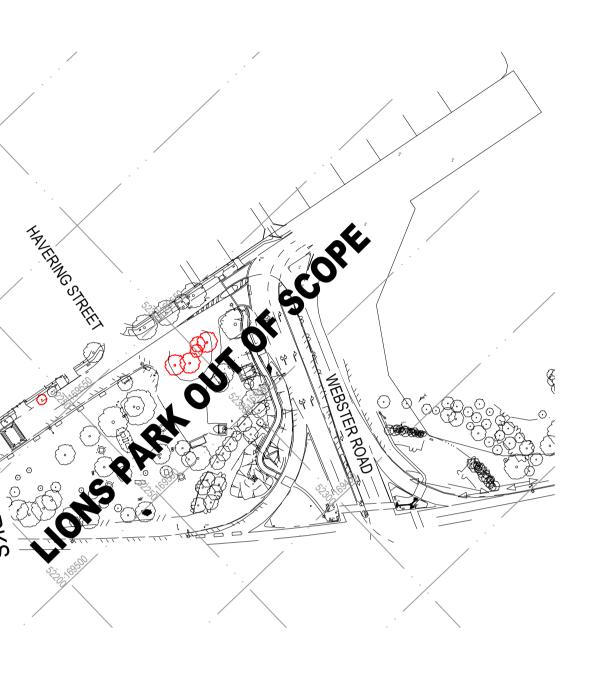
DRAWING LIST				
DRAWING NUMBER	DRAWING TITLE			
101	LOCALITY PLAN, DETAILS, DRAWING LIST AND NOTES			
102	PAVEMENT DETAILS AND TYPICAL DETAILS			
103	WSUD TYPICAL DETAILS			
1001	CLEARING AND GRUBBING SHEET 1			
1002	CLEARING AND GRUBBING SHEET 2			
1003	CLEARING AND GRUBBING SHEET 3			
1004	CLEARING AND GRUBBING SHEET 4			
1005	CLEARING AND GRUBBING SHEET 5			
1051	LAYOUT AND EXISTING FEATURES SHEET 1 OF 5			
1052	LAYOUT AND EXISTING FEATURES SHEET 2 OF 5			
1053	LAYOUT AND EXISTING FEATURES SHEET 3 OF 5			
1054	LAYOUT AND EXISTING FEATURES SHEET 4 OF 5			
1055	LAYOUT AND EXISTING FEATURES SHEET 5 OF 5			
1101	LEVELS AND SETOUT SHEET 1			
1102	LEVELS AND SETOUT SHEET 2			
1151	DRAINAGE AND PUBLIC UTILITY PLANT - SHEET 1 OF 5			
1152	DRAINAGE AND PUBLIC UTILITY PLANT - SHEET 2 OF 5			
1153	DRAINAGE AND PUBLIC UTILITY PLANT - SHEET 3 OF 5			
1154	DRAINAGE AND PUBLIC UTILITY PLANT - SHEET 4 OF 5			
1155	DRAINAGE AND PUBLIC UTILITY PLANT - SHEET 5 OF 5			
1250	DRAINAGE LONGITUDINAL SECTION			
1351	LONGITUDINAL SECTIONS			
1450	CROSS SECTIONS CONTROL LINE 6 SHEET 1 OF 2			
1451	CROSS SECTIONS CONTROL LINE 6 SHEET 2 OF 2			
1651	SIGNS AND PAVEMENT MARKING SHEET 1 OF 6			
1652	SIGNS AND PAVEMENT MARKING SHEET 2 OF 6			
1653	SIGNS AND PAVEMENT MARKING SHEET 3 OF 6			
1654	SIGNS AND PAVEMENT MARKING SHEET 4 OF 6			
1655	SIGNS AND PAVEMENT MARKING SHEET 5 OF 6			
1656	SIGNS AND PAVEMENT MARKING SHEET 6 OF 6			

REFER TO BRISBANE CITY COUNCIL NE STYLES AND BSD-1002 FOR DRAWING SYMBOLS

DRAWN	AUTH.	DATA INFORMATION Brisbane City Council (unless stated below) Cadastre © 2013 Department of Natural Resources and Mines Contours © 2002 AAMHatch	DATA DISCLAIMER In consideration of Council, and the copyright owners listed above, permitting the use of this data, you acknowledge and agree that Council, and the copyright owners, give no warranty in relation to the data (including accuracy, reliability,	3	PROJECT	TITLE		ATE DESIGN CH	IECK	DATE 14/10/20
		2012 - 2016 Aerial Imagery © 2011 AAM Pty Limited 2009 Aerial Imagery © 2009 AAMHatch Pty Limited	completeness, currency or suitability) and accept no liability (including without limitation, liability in negligence) for any loss, damage or costs (including consequential damage), relating to any use of this data.		NORTH BRISBANE BIKEWAY	LOCALITY PLAN,	DRAWN D	ATE DRAWING (CHECK	DATE
		2007 Aerial Imagery © 2007 Fugro Spatial Solutions 2005 Aerial Imagery © 2005 QASCO			WEBSTER ROAD TO NEVIN STREET	DETAILS, DRAWING	APF SEPT	20 CIS		14/10/20
		2014 Brisway street map © 2009 Melway Publishing					AUTHORISED FOR ISSUE		REFERENCE NO.	
		SURVEY INFORMATION	SURVEY FILENAME 210077	DATUM	ASPLEY	LIST AND NOTES				
		HORIZ. DATUM BCSG02 CORS NETWORK +							SCALE	ORIG. SIZE
		PSM43252 + PSM113479 +			STAGE 1				NTS	A1
		CP203,CP505,CP501,CP106A,CP108A. VERT					PROJECT NUMBER / SHEET		ISS	UE
		DATUM AHD(Der) CONTROL BY BCC +PSM43 RL23.253 +CP203 AND CP501 RL34.918.	3252			SECURITY LABEL: FOR OFFICIAL USE ONLY	21007	7 / 101		1







CONSTRUCTION

From: Sent: To: Subject: Ram Ramachandran Monday, 10 May 2021 1:34 PM Sina Z Louei RE: NBB - Aspley - TMR Query Responses

Thanks Sina

Kind Regards

Ram Ramachandran
Principal Engineer (Civil) | Metropolitan Region
Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 1333 | F: (07) 3220 6071 M: <u>NR</u> E: <u>ram.z.ramachandran@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u> **Tomorrow's Queensland: strong, green, smart, healthy and fair -** <u>www.towardO2.qld.gov.au</u> P Please consider the environment before printing this email

From: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au> Sent: Monday, 10 May 2021 1:19 PM To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au> Subject: RE: NBB - Aspley - TMR Query Responses

Hi Ram,

I have reviewed the latest drawings that BCC prepared for the new bike path that runs from the slip lane (Gympie to Webster road) to Ellison Road. I can confirm that there aren't any clashes with our scope of works and BCC's scope of works.

The pedestrian/bicycle ramp width is going to be minimum of 3m which has been shown on BCC drawings and consistent with:

1. IFT Drawings for 1928208 - Gympie/Webster Road Project

2. Cost schedule submitted by RoadTek

There aren't any design proposed for the ramp on the BCC drawings which is acceptable since the scope of works for the ramp modification fall into the scope of works for Gympie/Webster Road Project and has been included in our project.

No further action/design clarification is required from BCC.

Kind regards, Sina Louei

From: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>
Sent: Monday, 10 May 2021 10:41 AM
To: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Subject: FW: NBB - Aspley - TMR Query Responses

Sina

1

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 1333 | F: (07) 3220 6071 M:______ E: <u>ram.z.ramachandran@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u>

Tomorrow's Queensland: strong, green, smart, healthy and fair - <u>www.towardQ2.qld.gov.au</u> P Please consider the environment before printing this email

From: Junwei Ang <<u>Junwei.Ang@tmr.qld.gov.au</u>> Sent: Wednesday, 5 May 2021 5:27 PM To: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Subject: FW: NBB - Aspley - TMR Query Responses

FYI, BCC's final plans.

Kind Regards,

Junwei Ang Principal Engineer | Metropolitan Region / Brisbane Office Program Delivery & Operations Branch | Infrastructure Management & Delivery | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane City Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 4181 E: junwei.ang@tmr.qld.gov.au W: www.tmr.qld.gov.au

From: Luke Manley <<u>Luke.Manley@brisbane.qid.gov.au</u>> Sent: Wednesday, 5 May 2021 4:47 PM To: Junwei Ang <<u>Junwei.Ang@tmr.qld.gov.au</u>> Cc: Hamish Turner <<u>Hamish.Turner@brisbane.qld.gov.au</u>>; Adelaide Anderson <<u>Adelaide.Anderson@brisbane.qld.gov.au</u>> Subject: NBB - Aspley - TMR Query Responses

Hey Junwei

Sorry for the slow response. See below which should close out all of the issues.

Let me know if there is anything outstanding.

Thanks

Luke Manley

Project Delivery Manager, Civil Infrastructure Project Management Branch | City Projects Office Brisbane Infrastructure | **BRISBANE CITY COUNCIL**

Green Square | Level 1, 505 St Paul's Tce, Fortitude Valley, Qld 4006 Phone: +61-7-3178 7437

Pages 188 through 193 redacted for the following reasons: NR

From:	sharepoint@intranet.tmr.qld.gov.au
Sent:	Monday, 10 May 2021 2:16 PM
То:	Sina Z Louei
Subject:	Your QLeave application has been received

[Submitted by Sina.Z.Louei@tmr.qld.gov.au]

Hi Thank you for submitting your request to initiate QLeave on your project. Please ensure you keep us up to date with any project amendments via metropolitan_qleavecontractcloseout@tmr.qld.gov.au Kind Regards QLeave and Contracts team

Metropolitan Region Q Leave Form

Initiation

QLeave is a legal requirement which imposes a levy/fee to be payable to the Government based on the TOTAL PROJECT COST at the commencement of all building and construction work on projects more than \$150k excluding GST.

Refer to QLeave website for more info www.qleave.qld.gov.au

This	project has financial endorsement by the relevant financial delegate?	27
Yes		

Project name & description METD 201-

U14; Gympie Arterial Road and Webster Road intersection, install pedestrian signals; 1928208

Estimated construction: Start date 24/05/2021 End date 30/06/2021

Total Project Cost estimation \$500,000.00

Estimated Exemption Cost \$64,019.00 Supporting documents <u>MUST</u> be provided for any exemption amounts

Related projects: No other related project.

Project Manager Name

Attachments

Project Number 1928208

Contract phase being completed Construction QLeave needs to be captured for the life of the project including the following phases; Planning, Concept, Development, Implementation and Finalisation.

Main contractor RoadTek If other, please provide the Contractor Name and ABN N/A

Payment options Lump sum

Estimated total with exemptions 2070.90975000000

WBS Element 52-01928208.C.IM.5 for Q Leave Payment

Actioning officer

Handover document attached? N/A please provide

Note: The QLeave levy is based on the TOTAL PROJECT COST (excl. GST): with exemptions for (State Government Employees) CATS, the cost of feasibility studies, environmental impact statements and land resumptions. Please refer to <u>QLeave's T&C's</u> for further details.

QLeave will again be calculated on the actual costs at the end of construction and the difference between what was initially quoted and exempted. The re-calculation at the end represents the true figure for the remaining levy whether it be a refund to TMR or a balance payable to QLeave.

Updates to project information can be made to QLeave under the initial notification number, i.e Revised Completion Date, additional costs/contracts etc. Please advise by email to <u>metropolitan_gleave@tmr.gld.gov.au</u> if any updates are required

Finance team processing	\sim
Date request received	Initiation due date2/01/1900
Date submitted to QLeave	QLeave Levy number
Invoice Number Invoice Number:	Invoice Amount
Payment method	Date invoice paid
Initiation finance processing comments	
	ý

2

Catherine R Troccaz

From:	Sang V To
Sent:	Wednesday, 12 May 2021 4:58 PM
То:	Sina Z Louei
Cc:	Ram Ramachandran; Peter N Calligeros; Matthew A Baylis; Bruce A Sielaff; Gavin D Mann; Pinak H Dholakia
Subject:	Site pre-start meeting next week - Gympie and Webster

Hi Sina,

When you have a minute can you please send out an invite to all of the above for our first site pre-start meeting .

Can you please do it early next week as Peter Cal's calendar is full but maybe give him a call first and see what time he will be available.

Kind Regards,

Sang To Project Manager BEng MIEAust CPEng NER RPEQ APEC (Electrical) | Brisbane Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

10 Oregon Street | Hemmant Qld 4174 M: NR sang.v.to@tmr.qld.gov.au www.tmr.qld.gov.au

*Think*SAFE, *Work*SAFE, *Stay*SAFE



Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Sent: To: Cc:	Sang V To Wednesday, 12 May 2021 4:51 PM Ram Ramachandran Pinak H Dholakia; Matthew A Baylis; Brandon Z Le; Abu Sayeed S Choudhury; Sina Z Louei
Subject:	RE: Ordering materials
Hi Ram,	
Ok will do.	
Kind Regards,	
	PEC (Electrical) Brisbane Operations Unit agement & Delivery Department of Transport and Main Roads
10 Oregon Street Hemmant Qld 417 M: NR sang.v.to@tmr.qld.gov.au www.tmr.qld.gov.au	4
ThinkSAFE, WorkSAFE, StayS	SAFE
Crossing at traffic lights?	Don't touch the button, elbow bump it instead!
Crossing at traffic lights? Don't tou	ch the button, elbow bump it instead!
From: Ram Ramachandran <kana Sent: Wednesday, 12 May 2021 2 To: Sang V To <sang.v.to@tmr ql<="" th=""><td></td></sang.v.to@tmr></kana 	

Cc: Pinak H Dholakia <Pinak H Dholakia@tmr.qld.gov.au>; Matthew A Baylis <Matthew.A.Baylis@tmr.qld.gov.au>; Brandon Z Le <brandon.z.Le@tmr.qld.gov.au>; Abu Sayeed S Choudhury

<AbuSayeed.S.Choudhury@tmr.qld.gov.au>; Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>

Subject: Re: Ordering materials

Sang

Thanks for the update

I would like you to purchase " the easy to get materials" as well and make claims by end of May. That will help to show higher expenditure for my program.

Thanks Ram From: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>
Sent: Wednesday, May 12, 2021 2:06:10 PM
To: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>
Cc: Pinak H Dholakia <<u>Pinak.H.Dholakia@tmr.qld.gov.au</u>>; Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>;
Brandon Z Le <<u>brandon.z.Le@tmr.qld.gov.au</u>>; Abu Sayeed S Choudhury
<<u>AbuSayeed.S.Choudhury@tmr.qld.gov.au</u>>; Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Subject: RE: Ordering materials

Hi Ram,

All the long lead time materials have been ordered for all projects.

1. Gympie/We	ebster – Conduits have been ordered and have arrived into our store, Rate 3 switchboard have
	ed (Poles , pits , lanterns and cabling – no issues with materials)
2.	
3.	
	NR
4.	
ope this helps	
nd Degende	\sim
nd Regards,	
ang To	
oject Manager	
	9 NER RPEQ APEC (Electrical) Brisbane Operations Unit astructure Management & Delivery Department of Transport and Main Roads
bad rek South Init	astructure Management & Delivery Department of Transport and Main Roads
) <u>Oregon Street H</u> e	mmant Qld 4174
/l: NR Ing.v.to@tmr.qld.gov	
ww.tmr.qld.gov.au	<u>au</u>
hinkSAFE, Worl	kSAFE, StaySAFE
	(7/6)
Crossing at	BUMP C Don't touch the button, WASH T
traffic lights?	elbow bump it instead!
ossing at traffic lig	ghts? Bon't touch the button, elbow bump it instead!
4	
(
	///////////////////////////////////////
-/n	
	andran < <u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u> >
	L2 May 2021 12:28 PM
-	g.V.To@tmr.qld.gov.au>
	a < <u>Pinak.H.Dholakia@tmr.qld.gov.au</u> >; Matthew A Baylis < <u>Matthew.A.Baylis@tmr.qld.gov.au</u> >;
	don.z.Le@tmr.qld.gov.au>; Abu Sayeed S Choudhury
AbuSaveed.S.Chou	udhury@tmr.gld.gov.au>: Sina Z Louei <sina.z.louei@tmr.gld.gov.au></sina.z.louei@tmr.gld.gov.au>

Subject: RE: Ordering materials

Sang

I haven't seen any reply from you. Can you please advise?

Kind Regards

Ram Ramachandran

Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

P Please consider the environment before printing this email

From: Ram Ramachandran Sent: Monday, 10 May 2021 10:50 AM To: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>> Cc: Pinak H Dholakia <<u>Pinak.H.Dholakia@tmr.qld.gov.au</u>>; Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>; Brandon Z Le <<u>brandon.z.Le@tmr.qld.gov.au</u>>; Abu Sayeed S Choudhury <<u>AbuSayeed.S.Choudhury@tmr.qld.gov.au</u>>; Sina Z Louei <<u>Sina.Z.touei@tmr.qld.gov.au</u>> Subject: Ordering materials

Sang

Are you able to order materials for the following and charge to the respective projects by end of May please?

a.	Gympie/Webster
b.	

NR

С.

d.

Kind Regards

Ram Ramachandran Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Bristiane Old 4000 PO Box 70 | Spring Hill Old 4004 P: (07) 3066 1333 | F: (07) 3220-6071 M: NR E: ram.z.ramachandran@tmr.gld.gov.au

W: www.tmr.qld.gov.au

Tomorrow's Queensland: strong, green, smart, healthy and fair - <u>www.towardQ2.qld.gov.au</u> P Please consider the environment before printing this email

From: Sent: To: Cc:

Subject:

Attachments:

Janelle L Cash Wednesday, 12 May 2021 2:42 PM Metropolitan Costing Sina Z Louei; Ram Ramachandran; Victor D Jayawardana; Janelle L Cash; Metropolitan Procurement CN-16730 CTS-1 \$435,981.00 Signed ISWO\$435,981.00.pdf

Good Afternoon all,

Can you please arrange and organise Financial Approval CTS -1 \$435,981.00 for CN-16730

Please use CTS-1 in 3PCM to create Financial Approval.

Reviewer: Sina Louei

Endorser: Ram Ramachandran

Approver: Victor Jayawardana

Cheers

Janelle.



Internal Supply Works Order

Delivery / RoadTek

Not to be used for external providers

Queensland Government

Department of **Transport and Main Roads**

Note: The procurement process must be followed when dealing with external providers

Purchaser Details (buyer)

District/Division

Program Delivery and Operations - Metropolitan

Project Manager

Sina Louei

Project Manager's Telephone Number

(07) 3347 5263

Contact Officer

Sina Louei

Contact Officer's Telephone Number

Provider Detail	S (supplier)
Cluster/Group	
Infrastructure Manager	nent and Del
D' L' UD' ' '	

District/ Division

RoadTek (South)

Branch/Business Unit RoadTek (South) / Brisbane

Road Tek (South / Blisba

Contact Officer

NR

Sang V To

Contact Officer's Telephone Number

Job Details -

(07) 3347 5263

Project Description (no more than 50 characters)

CN-16730 – Gympie Arterial Road and Webster Road intersection, install pedestrian signal and lighting at the slip lanes

Work Description (attach further details if required)

1- Installation of pedestrian signals and lighting on the northern side of slip lanes of Gympie and Webster Road

2- Provision of 3 new ramps for the slips lanes located on the Webster Road

3- Provision of chevron line marking on the shoulders of southern slip lane

CONTRACT BUDGET CANNOT BE EXCEEDED WITHOUT PRIOR WRITTEN APPROVAL FROM METRO REGION

Costing Details -

Contract Budget \$	Purchaser SAP WBS (eg 52-xxxxxx.x.x or xxxxxxxxxx.x.x)	Planned Work Start Date	Planned Work Finish Date
\$ 435,981.00	52-01928208.C.IM.6.1.1	24 May 2021	30 June 2021
\$			
\$	(73)		
\$	6		

Certification -

I certify that the above works are not excessive, are required for the job, funds are available, and the costing information is correct.

Requestor's name		 Full designation
Sina Louei	1	Engineer (Civil)
Requestor's signature		Date
	NR	10/05/2021
Legislative Delegate's name		Full Designation
Jeffrey Weeks		Manager (Delivery)
Legislative Delegate's signature		 Date
	2	11.5.21.

From:	Metropolitan Costing
Sent:	Wednesday, 12 May 2021 3:52 PM
То:	Sina Z Louei; Ram Ramachandran; Victor D Jayawardana
Cc:	Janelle L Cash; Metropolitan Procurement
Subject:	unifier task CN-16730 - Contract Financial Approval Request

Good afternoon

The contract financial approval request for CN-16730 MTR - Gympie & Webster Road Intersection - Pedestrian signals on slip lanes has now been sent through the workflow in Unifier for actioning.

Unifier Task: FAP- 00024165

Sina (Review) - Could you please go into the contract, select and accept the task and in the workflow actions send for "Endorsement".

In the action details tab, please send to Ram

Ram (Endorsement) - Could you please go into the contract, select and accept the task and in the workflow actions send for "FF & PCA Balance Check". In the action details tab, please send to Victor

<u>Victor</u> (Approval) Could you please go into the contract, select and accept the task and review the documentation. In the workflow actions you will need to select "Approve".

As the task progresses through the workflow, please notify each other via email to prevent delays.

If you require any assistance, please let me know.

Thank you

Kind regards

Enya Timperley Finance Support Officer | Costing Metropolitan Region | **Program Delivery & Operations Branch** Infrastructure Management & Delivery Division | Department of Transport and Main Roads PO Box 70 | Spring Hill Qld 4004 P: (07) 30665832 | F: (07) 30664232 E: metropolitan_costing@tmr.gld.gov.au

W: www.tmr.qld.gov.au

From:	Abu Sayeed S Choudhury
Sent:	Wednesday, 12 May 2021 10:44 AM
То:	Melanie Z Castles; Sina Z Louei
Cc:	Ram Ramachandran; MetroProjectComms
Subject:	RE: Gympie and Webster Road Intersection - Signals and Lighting
-	Installation_Project_Start of Works Notification_May 2021.docx

Hello Melanie,

No matter how big or small, there should be some sort of approval before any purchase. Given the low value of such notification work, an one line email from the PM/ TL with Financial delegate will be sufficient for such procurement. Please contact Metropolitan Procurement (<u>metropolitan.procurement@tmr.qld.gov.au</u>) for any procurement enquiry.

Kind Regards, Abu Sayeed Choudhury

From: Melanie Z Castles <Melanie.Z.Castles@tmr.qld.gov.au>

Sent: Wednesday, 12 May 2021 10:11 AM

To: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>

Cc: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; Abu Sayeed S Choudhury

<AbuSayeed.S.Choudhury@tmr.qld.gov.au>

Subject: RE: Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works Notification_May 2021.docx

Noted: however, sometimes it's not possible with timeframes.

Melanie Castles

Senior Communications Officer | Metropolitan Region Department of Transport and Main Roads Metropolitan Region / Brisbane Office **Program Delivery and Operations Branch** | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 **T:** (07) 3066 1314 M: <u>NR</u> E: <u>metropolitanregion@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u>

From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Sent: Wednesday, 12 May 2021 9:58 AM
To: Melanie Z Castles <<u>Melanie Z.Castles@tmr.qld.gov.au</u>>
Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Abu Sayeed S Choudhury
<<u>AbuSayeed.S.Choudhury@tmr.qld.gov.au</u>>
Subject: RE: Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works
Notification May 2021.docx

Hi Melanie,

Please see attached an email I received from my approver for your information. I would appreciate it if next time you could send us two quotation for the works and grant approval prior to ordering the works please.

Kind regards, Sina Louei

From: Melanie Z Castles <<u>Melanie.Z.Castles@tmr.qld.gov.au</u>> Sent: Wednesday, 12 May 2021 8:37 AM To: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>; Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>

Subject: RE: Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works Notification_May 2021.docx

Hi Sina

I didn't sent a quote through - the initial one I got was for a 2 sided colour job. Turned out we just needed 1 side and it was only CTPI I didn't think that anyone would have an issue with it.

Cheers Mel

Melanie Castles

Senior Communications Officer | Metropolitan Region Department of Transport and Main Roads Metropolitan Region / Brisbane Office Program Delivery and Operations Branch | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 T: (07) 3066 1314 M: NR E: metropolitanregion@tmr.gld.gov.au W: www.tmr.qld.gov.au

From: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au> Sent: Tuesday, 11 May 2021 5:00 PM To: Ram Ramachandran < Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au > Cc: Melanie Z Castles <<u>Melanie.Z.Castles@tmr.qld.gov.au</u>> Subject: RE: Gympie and Webster Road Intersection Signals and Lighting Installation_Project_Start of Works

Notification_May 2021.docx

Hi Ram,

Are you able to approve the quotation sent by Melanie please? I wasn't able to find any correspondence from you approving the attached quotation.

Kind regards, Sina Louei

From: Melanie Z Castles < Melanie Z.Castles@tmr.gld.gov.au>

Sent: Thursday, 6 May 2021 3:21 PM

To: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>

Cc: MetroProjectComms < MetroProjectComms@tmr.qld.gov.au>; Ros Mack < ros.mack@targetedcomms.com.au>; Anna Blair <anna.blair@targetedcomms.com.au>; Ram Ramachandran

<Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>

Subject: RE: Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works Notification_May 2021.docx

Hi Sina

Please find attached the quote for printing and distribution.

Cheers Mel

Melanie Castles Senior Communications Officer | Metropolitan Region Department of Transport and Main Roads Metropolitan Region / Brisbane Office Program Delivery and Operations Branch | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 **T:** (07) 3066 1314 M: **NR** E: <u>metropolitanregion@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u>

From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>> Sent: Thursday, 6 May 2021 9:48 AM To: Melanie Z Castles <<u>Melanie.Z.Castles@tmr.qld.gov.au</u>> Cc: MetroProjectComms <<u>MetroProjectComms@tmr.qld.gov.au</u>>; CTPI @targetedcomms.com.au>; CTPI @targetedcomms.com.au>; Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Subject: RE: Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works

Hi Melanie,

Thank you for your email.

Notification May 2021.docx

Please charge the invoice to **52-01928208.C.DE.2.1.** Could you please let me know how much is the quotation you received from the distribution company?

Please let me know if you have any queries.

Kind regards,

Sina Louei

Engineer (Civil) | Metropolitan Region

Program Delivery & Operations Branch | Infrastructure Management and Delivery Division Department of Transport and Main Roads

Floor 15 | Adelaide Street | Brisbane QLD 4000 PO Box 70 | Spring Hills QLD 4000

P: (07) 3347 5263 M: NR

E: Sina.Z.Louei@tmr.qld.gov.au | W: www.tmr.qld.gov.au



From: Melanie Z Castles <<u>Melanie Z Castles@tmr.qld.gov.au</u>>

Sent: Thursday, 6 May 2021 9:42 AM

To: Sina Z Louei <<u>Sina.Z,Louel@tmr.qld.gov.au</u>>; Ram Ramachandran

<Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>

Cc: MetroProjectComms <WetroProjectComms@tmr.qld.gov.au>;

CTPI @targetedcomms.com.au>

Subject: Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works Notification_May 2021.docx

Hi Gents

NB: the distribution for the Gympie and Webster Road Intersection - Signals and Lighting Installation_Project as been completed.

Can you please provide the WBS for the distribution company to charge to (reply all).

@targetedcomms.com.au>;

CTPI

Page Number: 205 of 333

Cheers Mel

Melanie Castles Senior Communications Officer | Metropolitan Region Department of Transport and Main Roads Metropolitan Region / Brisbane Office Program Delivery and Operations Branch | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 T: (07) 3066 1314 M: NR E: metropolitanregion@tmr.qld.gov.au W: www.tmr.qld.gov.au

From: @targetedcomms.com.au> CTPI Sent: Thursday, 6 May 2021 9:40 AM To: Melanie Z Castles <<u>Melanie.Z.Castles@tmr.qld.gov.au</u>> @targetedcomms.com.au> Cc: CTPI

Subject: RE: Gympie and Webster Road Intersection - Signals and Lighting Installation Project Start of Works Notification_May 2021.docx

Hi Melanie

Just letting you know that this distribution has now been completed. Could you let us know the project number for invoicing.

Thanks

CTPI

From: Melanie Z Castles < Melanie.Z.Castles@tmr.gld.gev.au

Sent: Tuesday, 4 May 2021 2:50 PM

CTPI To: @targetedcomms.com.au> @targetedcomms.com.au> Cc:

CTPI

Subject: RE: Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works Notification_May 2021.docx

Perfect...

Thanks heaps Cheers Mel

Melanie Castles

Senior Communications Officer | Metropolitan Region Department of Transport and Main Roads Metropolitan Region / Brisbane Office Program Delivery and Operations Branch | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 T: (07) 3066 1314 NR M: E: metropolitanregion@tmr.gld.gov.au W: www.tmr.qld.gov.au

From: CTPI @targetedcomms.com.au> Sent: Tuesday, 4 May 2021 2:49 PM To: Melanie Z Castles < Melanie.Z.Castles@tmr.gld.gov.au> Cc: @targetedcomms.com.au> CTPI

Subject: RE: Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works Notification_May 2021.docx

Hi Mel

Is it okay to sent it out this Thursday?

Kind Regards CTPI target communi ations 'the specialists in short notice distributio WE MAKE IT HAPPEN Anna Blair Ph: NR CTPI @targetedcomms.com.au CTPI Website: www.targetedcomms.com.au This communication may contain confidential or copyright information of Targeted Communications Pty Ltd. If you are not an intended recipient, you must not keep, forward, copy, use, save or rely on this communication, and any such action is unauthorised and prohibited. If you have received this communication in error, please reply to this email to notify the sender of its incorrect delivery, and then delete both it and your reply. From: Melanie Z Castles < Melanie.Z.Castles@tmr.gid.gov.au> Sent: Tuesday, 4 May 2021 10:12 AM CTPI To: Subject: RE: Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works Notification_May 2021.docx Thanks – works aren't starting until late May – so even early next week is fine... Just let me know, I'll have to send it to the MPs and my database at the same time.

Cheers Mel

Melanie Castles Senior Communications Officer | Metropolitan Region Department of Transport and Main Roads Metropolitan Region / Brisbane Office Program Delivery and Operations Branch | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 T: (07) 3066 1314 M: NR E: metropolitanregion@tmr.qld.gov.au W: www.tmr.qld.gov.au

 From:
 CTPI

 Sent:
 Tuesday, 4 May 2021 10:04 AM

To: Melanie Z Castles <melanie.z.castles@tmr.qld.gov.au>;</melanie.z.castles@tmr.qld.gov.au>	CTPI	<pre>@targetedcomms.com.au></pre>
Cc: MetroProjectComms < MetroProjectComms@tmr.qld.gov	v.au>	

Subject: RE: Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works Notification_May 2021.docx

Morning Mel

No worries at all we'll get that out for you. I'll look at the schedule and let you know when it's going. Have a great day.

From: Melanie Z Castles <<u>Melanie.Z.Castles@tmr.qld.gov.au</u>>

Sent: Tuesday, 4 May 2021 10:00 AM

 To:
 CTPI
 @targetedcomms.com.au>;
 CTPI
 @targetedcomms.com.au>

 Cc:
 MetroProjectComms@tmr.qld.gov.au>

Subject: Gympie and Webster Road Intersection - Signals and Lighting Installation_Project_Start of Works Notification_May 2021.docx

Hi ladies

Hope you enjoyed your long weekend.

This notification can go out later this week, whenever you can fit it in?

NB: A4 colour (one-side)

Cheers Mel

6



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Opinions contained in this email do not necessarily reflect the opinions of the Department of Transport and Main Roads, or endorsed organisations utilising the same infrastructure.

Catherine R Troccaz

From:	Pinak H Dholakia
Sent:	Thursday, 13 May 2021 5:01 PM
То:	Sina Z Louei; Ram Ramachandran; Peter N Calligeros; Matthew A Baylis; Bruce A Sielaff; Gavin D
	Mann; Sang V To
Subject:	Re: 1928208 - Gympie/Webster Road Project - CN1730 - Pre-start site meeting

Hi Sina,

Sang is managing this project including Civil works so I will not need to attend this meeting.

Thanks

Regards,

Pinak Dholakia BE Eng.(Civil) M Eng. (Environment) MIEAust CPEng RPEQ (Civil)

Senior Project Manager (Civil) | RoadTek South (Brisbane) RoadTek Branch | Department of Transport and Main Roads

Hemmant Depot

10 Oregon Street | Hemmant Qld 4174 P: (07) 30664422 | F: (07) 3 0664457 M: ______ R: ______ E: pinak.h.dholakia@tmr.qld.gov.au W: www.tmr.qld.gov.au W: www.tmr.qld.gov.au ThinkSAFE, WorkSAFE, StaySAFE

From: Sina Z Louei <Sina.Z.Louei@tmr.gid.gov.au>

Sent: Thursday, May 13, 2021 4:43:03 PM

To: Ram Ramachandran <Kanagaratnam,Z.Bamachandran@tmr.qld.gov.au>; Peter N Calligeros <peter.n.calligeros@tmr.qld.gov.au>; Matthew A Baylis <Matthew.A.Baylis@tmr.qld.gov.au>; Bruce A Sielaff <Bruce.A.Sielaff@tmr.qld.gov.au>; Gavin D Mann <Gavin.D.Mann@tmr.qld.gov.au>; Pinak H Dholakia <Pinak.H.Dholakia@tmr.qld.gov.au>; Sang V To <Sang.V.To@tmr.qld.gov.au>

Subject: 1928208 - Gympie/Webster Road Project - CN1730 - Pre-start site meeting

When: Monday, 17 May 2021 1:00 PM-2:00 PM.

Where: Intersection of Gympie and Webster Road

Hi Team,

What?

- The pre start site meeting for the project located at Gympie/Webster Road has been scheduled prior to commencement of construction works.
- Scope of works:
 - o Traffic Management
 - o Design and installation of signals, lighting, appropriate signage and line marking
 - Supply and installation of conduits, conduits fittings, detector loops and power cables underground
 - Design and construction of traffic signal footings
 - $\circ \quad \mbox{Reconstruction of pedestrian/cyclists ramps x 3}$

When?

• 17 May 2021 (next Monday) at 01:00PM to 02:00PM

Page Number: 210 of 333

Where?



Please let me know if you have any queries. Kind regards,

Sina Louei

Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division Department of Transport and Main Roads

Floor 15 | Adelaide Street | Brisbane QLD 4000 PO Box 70 | Spring Hills QLD 4000 P: (07) 3347 5263 M: NR

E: Sina.Z.Louei@tmr.qld.gov.au | W: www.tmr.qld.gov.au



From:	Ashley W Williams
Sent:	Thursday, 13 May 2021 8:42 AM
То:	Sang V To; Nathan J Ward
Cc:	Matthew A Baylis
Subject:	RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

NR

Kind Regards,

Ashley Williams

Project Manager (Metropolitan) | RoadTek Branch Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Hemmant Depot 10 Oregon Street | Hemmant Qld 4174 P: (07) 30664406 | F: (07) 30664457 M: ______ R: _____ E: ashley.w.williams@tmr.qld.gov.au W: www.tmr.qld.gov.au

Tomorrow's Queensland: strong, green, smart, healthy and fair – www.towardQ2.qld.gov.au I acknowledge the traditional owners of country throughout Australia and their continuing connection to land, sea and community. I pay my respects to them and to their elders past, present and future.

YOUR MENTAL

Dear Mind, remember to make time f Wisit gld.gov.au/mentalwellbeing

From: Sang V To <Sang.V.To@tmr.qld.gov.au>

Sent: Thursday, 13 May 2021 8:38 AM

To: Ashley W Williams <Ashley.w.Williams@tmr.qld.gov.au>; Nathan J Ward <Nathan.j.Ward@tmr.qld.gov.au> **Cc:** Matthew A Baylis <Matthew.A.Baylis@tmr.qld.gov.au>

Subject: RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

MR

You legend mate,

From: Ashley W Williams <<u>Ashley.w.Williams@tmr.qld.gov.au</u>> Sent: Thursday, 13 May 2021 8:37 AM To: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>; Nathan J Ward <<u>Nathan.j.Ward@tmr.qld.gov.au</u>> Cc: Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>> Subject: RE: 1928203 - Gympie/Webster Road Project - IFT Drawings

Thanks Sang,

Will order the signs asap.

Kind Regards,

Ashley Williams Project Manager (Metropolitan) | RoadTek Branch Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Hemmant Depot

10 Oregon Street | Hemmant Qld 4174 P: (07) 30664406 | F: (07) 30664457

M: NR

E: ashley.w.williams@tmr.qld.gov.au

W: <u>www.tmr.qld.gov.au</u>

Tomorrow's Queensland: strong, green, smart, healthy and fair - www.towardQ2.gld.gov.au

I acknowledge the traditional owners of country throughout Australia and their continuing connection to land, sea and community. I pay my respects to them and to their elders past, present and future.

YOUR MENTAL A

Dear Mind, remember to make time f Visit gld.gov.au/mentalwellbeing

From: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>> Sent: Thursday, 13 May 2021 8:27 AM To: Ashley W Williams <<u>Ashley.w.Williams@tmr.qld.gov.au</u>> Cc: Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>> Subject: FW: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Ashley,

Just giving you the heads up if you could please start ordering the signs for this project.

This is a political project and we need to complete this by June.

Kind Regards,

Sang To Project Manager BEng MIEAust CPEng NER RPEQ APEC (Electrical) | Brisbane Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

10 Oregon Street | Hemmant Qld 4174 M: NR sang.v.to@tmr.qld.gov.au www.tmr.qld.gov.au

ThinkSAFE, WorkSAFE, StaySAFE



Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>> Sent: Thursday, 13 May 2021 1:09 AM To: Sang V To <Sang.V.To@tmr.qld.gov.au>; Peter N Calligeros <peter.n.calligeros@tmr.qld.gov.au> Cc: Ram Ramachandran < Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au > Subject: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sang, Peter,

I hope you are both well.

Please find attached the current set of drawings (IFT stage) as per your request. We are working with the design team to finalise the Energex approval process and issue the IFC drawings by next week.

Peter,

Are you available to attend the pre start site meeting next Tuesday (18 May) at 3:30PM? i am going to send invites out tomorrow morning. Your calendar shows that you are available but I just wanted to confirm with you.

Please let me know if you have any queries.

d. Ki

Ind regards,	
Sina Louei	
ingineer (Civil) Metropolitan Region	
Program Delivery & Operations Branch Infrastructure Management and Delivery Division Department of Transport and Main Roads	
loor 15 Adelaide Street Brisbane QLD 4000	
PO Box 70 Spring Hills OLD 4000 P: (07) 3347 5263 M: NR	
E: <u>Sina.Z.Louei@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u>	
Customers first Ideas Into action Unleash potential	
Great state. Great opportunity.	
$\langle \mathcal{D} \rangle$	
(707	

From: Sent: To: Subject: metropolitan_qleave Friday, 14 May 2021 1:54 PM Sina Z Louei Project 1928208 QLeave Levy S264438 Initiation

Follow Up Flag: Flag Status: Follow up Completed

Good afternoon

Please us this email as confirmation that the initiation for this project has been processed and paid.

Kind regards

Enya Timperley Finance Support Officer | Costing Metropolitan Region | **Program Delivery & Operations Branch** Infrastructure Management & Delivery Division | Department of Transport and Main Roads PO Box 70 | Spring Hill Qld 4004 P: (07) 30665832 | F: (07) 30664232 E: metropolitan_costing@tmr.qld.gov.au

W: <u>www.tmr.qld.gov.au</u>

 From:
 Referrals@1100.com.au

 Sent:
 Monday, 17 May 2021 7:59 AM

 To:
 Sang V To

 Subject:
 DBYD JOB:21628541 - Webster Road Aspley QLD 4034

 Attachments:
 21628541.PDF

DIAL BEFORE YOU DIG Call 1100 35 RAILWAY ROAD, BLACKBURN, VIC, 3130

Please DO NOT REPLY TO THIS EMAIL as it has been automatically generated and replies are not monitored.

For more information on Safe Site Excavation, please refer to the Dial Before You Dig Best Practices Guidelines https://urldefense.com/v3/__https://www.1100.com.au/safety-information/best-practiceguides__;!!OMLVqlk!hHmh0scBPpn9SdPzqSpEbGXyrZrmdjhNuDAyn2_Eu1UsCjlyj8sH3KMRtAtD0V6jCU-K654\$

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All users of this service acknowledge and agree that they have read and understood the terms and disclaimers on which this service is provided, which is set out at

https://urldefense.com/v3/__http://www.1100.com.au__;!!OMLVqIk!hHmh0scBPpn9SdPzqSpEbGXyrZrmdjhNuDAy n2_Eu1UsCjlyj8sH3KMRtAtD0V6jVAto{_0\$.

Please find attached your confirmation advice. To read your attachment, please use Acrobat Reader. For Acrobat Reader please visit

https://urldefense.com/v3/__http://get.adobe.com/reader/__;!!OMLVqIk!hHmh0scBPpn9SdPzqSpEbGXyrZrmdjhNu DAyn2_Eu1UsCjlyj8sH3KMRtAtD0V6j9_T5X5A\$

Notice: Please DO NOT REPLY TO THIS EMAIL as it has been automatically generated and replies are not monitored. Should you wish to advise Dial Before You Dig of any issues with this enquiry, please Call 1100

(See attached: "21628541.PDF")



Job No 21628541

Mobile:

Caller Details

Contact:	Mr Sang To	
Company:	TMR	
Address:	10 Oregon Street	
	Hemmant QLD 4174	

Caller Id: 2277483 Phone:

Not Supplied

NR

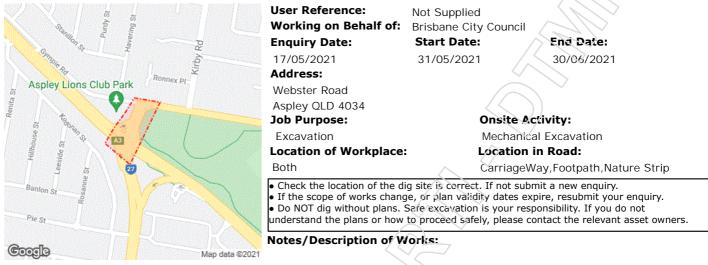
Email: sang.v.to@tmr.gld.gov.au

Not Supplied

Fax:

Dig Site and Enquiry Details

WARNING: The map below only displays the location of the proposed dig site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.



Your Responsibilities and Duty of Care

• The lodgement of an enquiry does not authorise the project to commence. You must obtain all necessary information from any and all likely impacted asset owners prior to excavation.

- If plans are not received within 2 working days, contact the asset owners directly & quote their Sequence No.
- ALWAYS perform an onsite inspection for the presence of assets. Should you require an onsite location, contact the asset owners directly. Please remember, plans do not detail the exact location of assets.
- Pothole to establish the exact location of all underground assets using a hand shovel, before using heavy machinery.
- Ensure you adhere to any State legislative requirements regarding Duty of Care and safe digging requirements.
- If you damage an underground asset you MUST advise the asset owner immediately.
- By using this service, you agree to Privacy Policy and the terms and disclaimers set out at www.1100.com.au
- . For more information on safe excavation practices, visit www.1100.com.au

Asset Owner Details

The assets owners listed below have been requested to contact you with information about their asset locations within 2 working days.

Additional time should be allowed for information issued by post. It is your responsibility to identify the presence of any underground assets in and around your proposed dig site. Please be aware, that not all asset owners are registered with the Dial Before You Dig service, so it is your **responsibility** to identify and contact any asset owners not listed here directly. ****** Asset owners highlighted by asterisks ****** require that you visit their offices to collect plans.

Asset owners highlighted with a hash require that you call them to discuss your enquiry or to obtain plans. #

Seq. No.	Authority Name	Phone	Status
109756059	APT Holdings - Origin (AGN North)	0881154500	NOTIFIED
109756055	Brisbane City Council	0734038888	NOTIFIED
109756056	Energex	0736645400	NOTIFIED
109756060	NBN Co, Old	1800626329	NOTIFIED
109756058	Optus and/or Uecomm, Old	1800505777	NOTIFIED
109756061	Queensland Urban Utilities	132364	NOTIFIED
109756057	Telstra QLD, South East	1800653935	NOTIFIED
109756054	TPG Telecom (QLD)	1800786306	NOTIFIED

END OF UTILITIES LIST

From:APADBYDNational@apa.com.auSent:Monday, 17 May 2021 7:58 AMTo:Sang V ToSubject:DBYD - Request ID: 109756059, Utility ID: 70710 is affectedAttachments:109756059.pdf

<u>PLEASE NOTE:</u> This is an automated response. Please <u>DO NOT REPLY to this email</u>. If you require further information in relation to this Dial Before You Dig response, please contact DBYDNetworksAPA@apa.com.au

Enquiry Details:

Impact Sequence Number Enquirer Id Activity Job Number User Reference Message affected 109756059 2277483 Mechanical Excavation 21628541

Site Details:

Address

Webster Road Aspley QLD 4034

Enquirer's Details:

Contact Company Email Phone Fax Mobile Address Mr Sang To TMR sang.v.to@tmr.qld.gov.au

10 Oregon Street Hemmant QLD 4174

For any excavation works, including vacuum excavations, an "Authority to Work" Permit may need to be required (refer to attached Duty of Care), and a Site Watch may need to scheduled. A minimum of 5 business days' notice is required to process permit applications.

Emergencies or to report damage to pipes: Ph. 1800 GAS LEAK (1800 427 532)

Gas Plant Relocations:

APA Capital Works Ph: (07) 3215 6709 or Fax: 3215 6699 Email: <u>capitalworksqldnetworks@apa.com.au</u>

Permit applications [Your sequence number may be requested when making your booking, please have this available when you request either a mains location or site watch]:

Permit Applications QLD PO Box 885 Hamilton Central QLD 4007

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Phone: (07) 3215 6644 or Fax: (07) 3215 6699 Email: <u>permitsqld@apa.com.au</u>

For further enquiries please contact your gas retailer. To find out who your gas retailer is call 1800 657 567.

APA Group

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2





apa

APA Group PO Box 6014 Halifax Street South Australia 5000

17/05/2021

Company: TMR Mr Sang To 10 Oregon Street Hemmant QLD 4174

sang.v.to@tmr.qld.gov.au

Dear Mr Sang To

Sequence Number:	109756059	
Worksite Address:	Webster Road	
	Aspley	
	QLD	4034

RE: REQUEST FOR APA GROUP (APA) UNDERGROUND DIAL BEFORE YOU DIG

Dear Sir/Madam

In response to the above enquiry we wish to confirm that APA **operates underground plant** (Mains and / or Services) at or in the vicinity of the above address.

Please check that the following map represents the area you requested - if the area is not correct please contact our Dial Before You Dig Officer - 1800 085 628. If works are proposed adjacent to any underground plant operated by APA please ensure compliance with the attached "DUTY OF CARE"

Please find enclosed the following information in support of the above: -

- 1. A location map of the **suburb** the service is in and an A4 location map showing the **status** of APA underground plant (Mains and / or Services) adjacent to the subject site
- 2. DUTY OF CARE statement which forms an integral part of any information supplied by APA

FOR GAS EMERGENCIES 24 HOURS - 1800 GAS LEAK (1800 427 532)

Please note that as work on APA underground plant is ongoing any information supplied on their status can only be considered current for **30 days from the date of this response**. Expired locations, i.e., over 30 days from the date of this response, require a new Dial Betore You Dig request to validate location information.

Should you have any questions with regards to the attached information please contact our Dial Before You Dig officer - 1800 085 628.

For any excavation works, including vacuum excavations, an "Authority to Work" Permit may be required and a Site Watch may need to be scheduled.

A minimum of 5 business days notice is required to process permit applications. Permit applications can be made by: -

Post: Permit Applications QLD, PO Box 885 Hamilton Central QLD 4007 or

Email: <u>permitsqld@apa.com.au</u> or Phone: (07) 3215 6644 though an application will most likely be required

Charges may apply for Site Watch requests. Your sequence number may be requested when making your booking, please have this available when you request either a mains location or site watch.

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For other enquiries please contact your gas retailer

To find out who your retailer is call 1800 657 567

<u>Warning:</u> if there are high or transmission pressure gas mains present in the vicinity of your area of interest, an APA employee must be in attendance during any excavation within 3 metres of high or transmission pressure mains, and an "Authority to Work" permit <u>must</u> be issued prior to work commencing.

Please contact us for a permit to work request if you believe your work is within this zone, by completing the <u>"Authority to Work" request form attached and sending to APA</u>. 5 days notice is required prior to the commencement of any excavation to assess and allocate resources. Contact phone numbers are shown at the end of the notice of location.

Please Note: For some DBYD enquiries, you might receive 2 responses from the APA Group. Please read both responses carefully as they will relate to different assets. It is your responsibility to action all requirements set out in APA Group responses.

Please take some time to review the entire response document and check the information supplied and please let us have any feedback by sending an email to <u>DBYDNetworksAPA@apa.com.au</u> or contacting us direct on 1800 085 628.

Yours faithfully

Dial Before You Dig Officer APA Group

Email DBYDNetworksAPA@apa.com.au

Ph. 1800 085 628

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Pages 222 through 223 redacted for the following reasons: Copyright







Working Around Gas Assets: Duty of Care and Responsibilities

It is illegal to interfere or tamper with gas infrastructure.

Offenders who interfere or tamper with gas infrastructure may be prosecuted under relevant legislation and there are very serious penalties for such offences

"Gas infrastructure" or "infrastructure" in this document refers to any infrastructure or property owned or operated by APA Group including, but not limited to natural gas mains, services and regulator/meter stations or regulator pits.

1. Planning Your Work

- a. The constructor must:
 - i. Request plans of APA Group infrastructure for a particular location at a reasonable time before construction begins (at least 5 business days);
 - ii. Design for minimal impact and ensure protection of APA Group infrastructure, this includes networks managed by APA on behalf of Australian Gas Networks and Allgas; and
 - iii. Contact APA Group if their infrastructure is in any way affected by planned construction activities.

2. Before You Start Work

- a. Please Note: You will be responsible to pay for the repair of any damage by you to gas assets.
- b. You must obtain Dial Before You Dig (DBYD) documentation before any on-site construction or excavation commences. This document is to be read in conjunction with the Dial Before You Dig plans and other relevant documentation. APA Group will provide free site plans if an APA Group infrastructure location request is made to APA on 1800 085 628
- c. If DBYD documents indicate you will be working within 3m of a high pressure or transmission gas pipeline, you must complete and submit the **Authority to Work Request** provided with your DBYD documentation **five (5) business days** prior to commencing the work. Requests **under** five (5) business days will incur extra charges.
- d. APA Group shall assess your Authority to Work Request and will inform you if a Site Watch is required. A Site Watch involves the presence of an APA representative at site to advise on locating and working around the asset. Where on-site location advice is provided, the constructor is responsible for all hand digging (potholing) to visually locate and expose APA Group infrastructure. Vacuum excavations may only be used if permission is granted by APA and if it is used on high pressure mains Site Watch will be required. Site Watch services are charged at an hourly rate.
- e. The principal contractor for the site must provide APA Group with a written construction methodology for all works impacting or encroaching on APA infrastructure. All construction methodology documents will be reviewed by APA Group prior to the commencement of site works. Construction methodology documents must be submitted as part of an Authority to Work Request (send to permitsqld@apa.com.au).
- f. Site Plans
 - i. Plans and/or details provided by APA Group through DBYD or otherwise are current for one (1) month from the date of dispatch and should be disposed of by shredding or any other secure disposal method after use.
 - ii. APA Group retains copyright in all plans and details provided in connection with any request.
 - iii. APA Group plans of other details are provided for the use of the applicant, its servants, employees, contractors and agents, and must not be used for any unauthorised purpose.
 - iv. APA Group plans are pipe indication diagrams only and indicate the presence of plant in the general vicinity of the geographical area shown. Exact ground cover and alignments cannot be given with any certainty as such levels can change over time.
 - v. APA Group, its servants, employees, or agents shall not be liable for any loss or damage caused or occasioned by the use of plans and/or details so supplied to the applicant/constructor, its servants, employees, contractors and/or agents, and the applicant/constructor agrees to indemnify APA Group against any claim or demand for any such loss or damage.
 - vi. The constructor is responsible for all infrastructure damage occasioned to APA Group infrastructure.
 - vii. APA Group reserves all rights to recover compensation for loss or damage caused by interference or damage, including consequential loss and damages to its property and gas infrastructure.
 - viii. All care is taken in the preparation of location drawings and plans, but NO responsibility is accepted by APA Group for errors or omissions.

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3. Working in the Vicinity of a Gas Pipeline

a. Excavation near Gas Mains and Services <u>PLEASE NOTE: Unless otherwise approved, mechanical excavation is not permitted above, or within 600mm of either side of</u>

APA Group infrastructure.

i. Location of Gas Mains and Services: Examining the DBYD documentation and other plans is not sufficient as reference points may change from the time of installation and recording on documentation. You MUST use appropriately qualified plant locators to accurately locate and prove the position of all assets and then validate these positions prior to commencing work. For all work to be done within 3.0 metres of APA Group infrastructure, the constructor is required to hand dig (pothole) and expose the plant, hence proving its exact location before work can commence. Vacuum excavation can cause failure of some types of gas mains and therefore APA Group must be contacted prior to any vacuum excavation.

Please note that new APA Group gas mains generally have a plastic warning tape or lightweight plastic board buried above the pipe but this is not the case for older mains or when pipe is laid by means of boring or located in conduit.

- ii. <u>IMPORTANT NOTE:</u> Not all gas services (i.e. pipe from gas main to a gas meter in an individual property) are captured on <u>APA Plans</u>. <u>Gas services shown on plans are indicative only and do not pinpoint the exact location of APA's asset</u>. A gas <u>service may also cross a road to reach a property</u>. To confirm the presence of a gas service, please contact the APA DBYD <u>number below for further information</u>.
- iii. Installation of Utilities Parallel to Gas Mains and Services: If construction work is being undertaken parallel to APA Group gas mains, then hand digging (potholing) at least every 4 m is required to establish the location of all gas mains. Nominal locations must be confirmed before work can commence. A minimum clearance of 600mm must be maintained from gas mains unless otherwise approved by APA. If an excavation exceeds the depth of the gas mains and it is likely that the covers or bedding material around the pipes will move, approval must be sought from APA Group's Capital Works team.
- iv. Installation of Utilities Across Gas Mains and Services: A minimum clearance of 300mm above and below and APA Group gas mains must be maintained unless otherwise approved by APA. If the width or depth of the excavation is such that the gas mains will be exposed or unsupported, then APA Group must be contacted to determine whether the gas mains should be taken out of service, or whether they need to be protected or supported. Protective cover strips when removed must be replaced under APA Group supervision.
- v. **Exposed Gas mains and Services:** Exposure of APA infrastructure shall be limited to potholing for location purposes. Any other exposure of pipe is not permitted unless expressly approved by APA Group. Exposed gas pipes must be protected by the constructor against the effects of heat by shielding or covering with a suitable material. Heating of exposed plastic pipes is dangerous. If depth of cover is compromised in any way due to works, please contact APA immediately.
- vi. Heavy machinery Operation over Gas Mains and Services: Where heavy "Crawler" or "Vibration" type machinery is operated over the top of gas mains, a minimum cover of 750mm to the gas mains must be maintained using load bearing protection whilst the machinery is in operation.
- vii. **Directional Drilling Near Gas Mains and Services:** When drilling parallel to gas mains, trial holes must be carefully hand dug at least every 4m to prove the actual location of the conduits/pipes before using drilling machinery. Where it is required to drill across the line of gas mains, the actual location of the gas mains must first be proven by the constructor by hand digging. A trench must be excavated one metre from the side of the gas mains where the auger will approach to ensure a minimum clearance of 600mm for gas mains can be maintained unless otherwise approved by APA.
- viii. **Explosives:** Clearances must be obtained from APA Group's Networks Engineering Manager for use of explosives in the vicinity of gas mains. Please contact the APA Group.
- b. Damage Reporting: All damage to conduits and pipes and any other gas infrastructure and property must be reported to APA Group no matter how insignificant the damage appears to be. Even very minor damage to protective coverings can lead to eventual failure through corrosicn. All work in the vicinity of damaged infrastructure should cease and the area should be vacated until a clearance to continue work has been obtained from an APA Group officer. Please contact the Emergency number below to report damage.
- c. Solutions and Assistance: If it is determined that APA Group infrastructure is likely to be impacted or encroached upon by planned construction, APA Group must be contacted to arrange for possible engineering solutions. If APA Group relocation or protection works are part of the agreed solution, then payment to APA Group for the cost of this work will be the responsibility of the principal contractor. APA Group will provide an estimated quotation for work on receipt of the order number before work will proceed.
- d. Reinstatement: APA assets affected by third party works as highlighted above are to be reinstated as per APA requirements, potentially including but not limited to; warning tape/marker board, soft bedding/backfill materials, trench dimensions, depth of cover, trace wire for PE mains, compaction requirements, concrete protection, and surface re-instatement.

4. <u>Contacting APA</u>

GAS EMERGENCIES 24 HRS 1800 GAS LEAK (1800 427 532)	GAS PLANT RELOCATIONS APA CAPITAL WORKS PH: 07 3215 6709 FAX: 07 3215 6699 <u>capitalworksqldnetworks@apa.com.au</u>	APA GROUP GAS ASSET LOCATIONS TEAM (PERMITS OFFICE) PH: 07 3215 6644 FAX: 07 3215 6699 permitsqld@apa.com.au	Dial Before You Dig Support PH: 1800 085 628
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_	Page 6 of 8 • 17/05/2021
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HIGH PRESSURE GAS DISTRIBUTION MAINS "AUTHORITY TO WORK" REQUEST

N.B.	THIS	IS NOT	TO WORK

SITE ADDRES	S:			
SUBURB:			UBD MAP REF:	
DBYD Sequence	ce Number:		Date of DBYD Enquiry	
(Note: Only valid	l enquiries will be accepted and the c are valid for one month only. Enquir	urrency of DBYD rec ries may need to be i	quests will affect your permit period. renewed and a new application may t	APA Group's DBYD requests be required)
COMMENTS:				<u>,</u>
BROAD DESC	RIPTION OF WORK (please pro		$\langle \langle \rangle \rangle$	iese works)
	CARRIED OUT:		Q_	
Class 1.	Location		$\langle \rangle$	
	Works crossing a high pressure	e gas mains	\leq	
Class 2.	Location	$\sim (7)$		
	Works within 3 metres of a higl	h pressure gas m	ains	
Class 3.	Location			
	Works involving large excavation	ons that would ca	use ground movement,	
	vibrations or blasting beyond 3	m of a high press	ure gas mains	
Class 4.	Location			
	Works within 1m of gas service	e or connection to	industrial gas meter	
DETAILS OF V	VORK INVOLVED (Tick Applic	able)		
Excavation			Change to surface level	
Service crossin	g (Gas CONNECTION)		Boring	
Proving (Dial Before You Dig)			Blasting	
Earthworks			Road Construction/Change?	
Vacuum Excav	ation		Other (give details)	
Relevant drawi	ngs, Block Plans etc, attached	Yes 🗆	No 🗆	
PROPOSED D	ATES AND TIMES	From:	То:	
Excavation		am/pm		am/pm
Backfill	/ / 20	am/pm		am/pm
Insura	ance Cover – Current Level No	one 🗌 🛛 \$5M 🗌	\$10M <u>□</u> \$20M <u>□</u> (Other

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NOTES

- 1. This Authority to Work applies only to work in the vicinity of the Gas Mains. It does not authorise work near or on the Gas Mains itself
- 2. A minimum of 5 business days must be allowed between receipt by APA Group of this Request and a response. However, more time for notification may be necessary
- 3. For Class 1 and Class 2 classifications, this application must be accompanied by a detailed sequence of events, outlining all aspects of work involved and work is not permitted until an Authority to Work is issued
- 4. For class 1 and 2 Dial Before You Dig, APA Group will arrange for an inspector to be on site as necessary during the work. An inspector must be present at all times for works involving excavation within 1m of the Gas Mains. APA Group will advise the requirement for an inspector for other works within 3m of the Gas Mains
- 5. The applicant is responsible for any damage resulting from the work and all consequential damages and losses arising from such damage and therefore must insure against every liability of the contractor in respect of or arising out of any loss of life, loss of or damage to property of person (both real and personal), arising out of or in any way connected to this permit

Such insurance must be arranged for an indemnity of not less than \$20 Million unless otherwise agreed.

Permit Requested By:(print name)Date/
Company: Postal Address:
Phone No: Fax number Email
Requestors PO Number Site Contact Details: Name
Site Contact Number
Principal Contractors Details(if required)
Principal Contractors Contact details:
Please be advised; Under the Work Health and Safety Act 2011, each work place has an obligation to comply to Workplace Health and Safety Regulations and Codes of Practice.
APA Group brings to your attention Work Health and Safety Regulations 2011, Chapter 4: Hazardous Work. Failure to comply to the above regulation may result in APA Group reporting the non-compliance to Workplace Health and Safety.
Office use only Site Watch required? Yes/No (please circle)
Pipeline Officer: (print name)Date://
Further information can be requested via: Post: Permit Applications QLD PO Box 885 Hamilton Central QLD 4007 Phone: (07) 3215 6644 though an application will most likely be required Email: permitsqld@apa.com.au

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From: Sent: To: Subject: Attachments:	Performance @tpgtelecom.com.au Monday, 17 May 2021 7:59 AM Sang V To TPG DBYD Response > Utility ID:30705 Sequence:109756054 is affected 109756054.pdf
Request: 109756054	4
Enquirer: TMR - 227	7483
Contact: Mr Sang To	
Email: sang.v.to@tn	nr.qld.gov.au
Phone: NR	
Fax: Not Supplied	
Mobile: Not Supplie	rd
Address: 10 Oregon	Street
Hemmant QLD	4174
Site Address: Webst	ter Road
Aspley QLD	4034
Activity: Mechanical	I Excavation
Job Number: 21628	541

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Date: 17/05/2021

Enquirer Name: Mr Sang To Enquirer Address: 10 Oregon Street Email: sang.v.to@tmr.qld.gov.au Phone: ______NR____

Dear Mr Sang To

The following is our response on behalf of each of the TPG carriers (listed below) to your Dial Before You Dig enquiry – Sequence 109756054 It is provided to you on a confidential basis under the following conditions and must be shredded or securely disposed of after use.

Assets Affected:

Carriers (each a "TPG carrier") and assets affected:

PIPE Networks

Location: Webster Road

According to our records, the underground assets in the vicinity of the location stated in your enquiry are AFFECTED. Please read the below information and disclaimers in addition to the any attached plans provided prior to any construction activities.

IMPORTANT INFORMATION

- The information provided is valid for 30 days from the date of this response. If your work site area changes or your construction activity is beyond 30 days please contact Dial Before You Dig on 1100 or www.1100.com.au to re-submit a new enquiry.
- Due to the nature of underground assets and the age of some assets and records, our plans are indicative of the general location only and may not show all assets in the location. You should not solely rely on these plans when undertaking construction works. It is also inaccurate to assume depth or that underground network conduit and cables follow straight lines, and careful on-site investigations are essential to locate an asset's exact position prior to excavation. It is your responsibility to locate and confirm the exact location of our infrastructure using non-destructive techniques. We make no warranty or guarantee that our plans are complete, current or error free, and to the maximum extent permitted by law we exclude all liability to you, your employees, agents and contractors for any loss, damage or claim arising out of or in connection with using our plans.
- Please note that some of our conduits carry electrical cables and gas pipes. Please exercise extreme care when working within the vicinity of these conduit and take into account the minimum clearance distances under Duty Of Care below.
- You (and your employee and contractors) must not open, move interfere, alter or relocate any of our assets without our prior approval.
- <u>Note</u> It is a criminal offence under the *Criminal Code Act* 1995 (*Cth*) to tamper or interfere with communication facilities owned by a carrier. Heavy penalties may apply for breach of this prohibition, and any damages suffered, or costs incurred by us as a result of such unauthorised works may be claimed against you.

DAMAGE

• You must report immediately any damage to our retwork on **1800 786 306** (24hrs). We will hold you liable and seek compensation for any loss or damage to our network, our property and our customers that is caused by or arises out of your activities.

DUTY OF CARE

You have a duty of care to carefully locate, validate and protect our assets when carrying out works near our infrastructure. For construction activities that may impact on or interfere with our retwork, you will need to call us on **1800 786 306** to discuss a suitable engineering solution, lead time and cost involved. The below precautions must be taken when working in the vicinity of our network:

- Contact us on 1800 786 303 to discuss and obtain relevant information and plans on our infrastructure in a particular location if the information
 provided in this response is insufficient.
- Physically locate and mark on-site our network infrastructure using non-destructive techniques i.e. pot holing or hand digging every 5 metres prior to commencing any construction activities. Assets located must be marked to AS5488 standard. NO CONSTRUCTION WORK IS ALLOWED UNTIL THIS STEP IS COMPLETED. You must use an approved telecommunications accredited locator, or we can provide a locator for you at your expense. If we provide you with a locator, and this locator attended the site and is proven to be grossly negligent in physically locating and marking our infrastructure, then to the extent any TPG carrier is liable for this locator's negligence, acts and omissions, the total liability aggregated for all TPG carriers is limited, at our option, to attend the site and re-mark the infrastructure or to pay for a third party to re-mark the infrastructure.
- If you require us to locate or monitor our infrastructure, please allow five business days' notice for us to respond.
- Ensure all information, including our network requirements and any associated plans provided by us are kept confidential and remain on-site throughout your construction works.

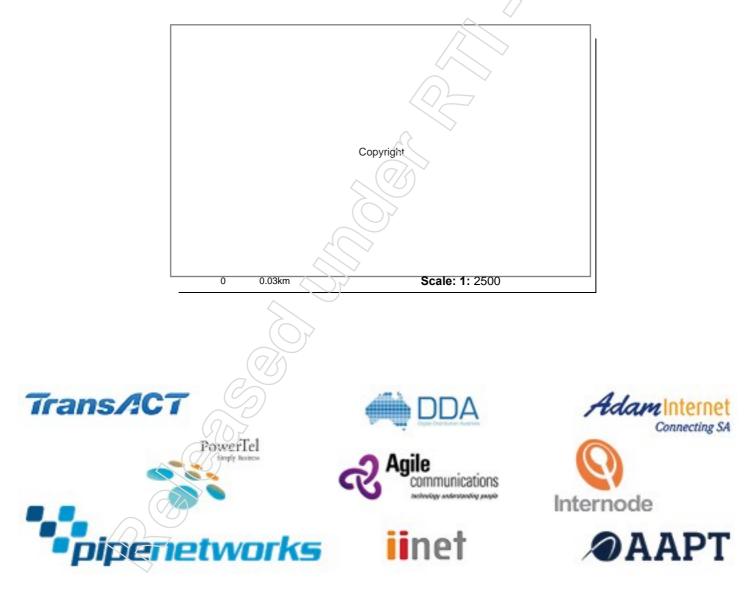
- Use suitably qualified and supervised professionals, particularly if you are working near assets that contain electricity cables or gas pipes.
- Ensure the below minimum clearance distances between the construction activities and the actual location of our assets are met. If you need clearance
 distances for our above ground assets, or if the below distances cannot be met, call 1800 786 306 to discuss.

Minimum assets clearance distances.

- o 300mm when laying asset inline, horizontal or vertical.
- o 1000mm when operating vibrating equipment. Eg: vibrating plates. No vibrating equipment on top of asset.
- o 1000mm when operating mechanical excavators or jackhammers/pneumatic breakers.
- o 2000mm when performing directional bore in-line, horizontal and vertical.
- No heavy vehicle over 3 tonnes to be driven over asset with less than 600mm of cover.
- Reinstate exposed TPG network infrastructure back to original state.

PRIVACY & CONFIDENTIALITY

- Privacy Notice Your information has been provided to us by Dial Before You Dig to respond to your Dial Before You Dig enquiry. We will keep your personal information in accordance with TPG's privacy policy, see www.tpg.com.au/about/privacy.
- Confidentiality The information we have provided to you is confidential and is to be used only for planning and designing purposes in connection
 with your Dial Before You Dig enquiry. Please dispose of the information by shredding or other secure disposal method after use. We retain all
 intellectual property rights (including copyrights) in all our documents and plans.



TPG Corporation Limited

Page 231 redacted for the following reason: Copyright

From:	TAMS@dominoapp.in.telstra.com.au
Sent:	Monday, 17 May 2021 8:04 AM
То:	Sang V To
Subject:	DBYD JOB: 21628541 SEQ: 109756057 - Webster Road, Aspley QLD 4034
Attachments:	Telstra Duty of Care v28.9.pdf; Telstra Map Legend v3_2.pdf; Find a Locator - V1.pdf; 109756057.pdf

Attention: Sang To

Site Location: Webster Road, Aspley, QLD 4034

The attached files contain Telstra information relating to your recent Dial-Before-You-Dig request.

All damages to Telstra Network must be reported immediately

• Call **13 22 03** Say "Damages" at the voice prompt, then press 1 to speak to an Operator

Or report
 online <u>https://service.telstra.com.au/customer/general/forms/report-</u>
 <u>damage-to-telstra-equipment</u>

For all Telstra DBYD map related enquiries -

- reply to this email (preferred method)

- or email - TAMS_Helpdesk@dominoapp.in.telstra.com.au

(see more contacts in the Telstra Duty of Care document attached)

For all Telstra asset relocation enquiries: 1800 810 443 or <u>https://www.telstra.com.au/consumer-advice/digging-construction/relocating-network-assets</u>



Find the closest Cable Location Company: Certified Locator Organisation (CLO) https://dbydlocator.com/certified-locating-organisation/ Please refer to attached Find a Locator.pdf

Information for new developments (developers, builders, home owners) Telstra Smart Communities <u>https://www.telstra.com.au/smart-community</u> Please note:

When working in the vicinity of telecommunications plant you have a 'Duty of Care' that must be observed. Please ensure you read the 'Telstra Duty of Care' document (attached) - it contains important information including essential steps that must be undertaken prior to commencing construction activities. Ensure the Cable Locator you use can show you their current Telstra Accredited Plant Locator photo ID card - you may be liable for damage costs if unauthorised locators are used.

(mandatory requirements for Telstra Accredited Plant Locators include having appropriate training, equipment and having current insurance)

In particular Telstra wishes to advise -

The actual location of any network assets may differ significantly from the position shown on the attached plans. (refer to the attached Telstra Duty of Care for further information on the accuracy of supplied information)
 Only Telstra Accredited Plant Locators with a current photo ID card are authorised by Telstra to access Telstra network for location purposes. (refer to the attached Telstra Duty of Care for further information)
 All Telstra assets, including underground network, must be validated (physically sighted and identified), prior to commencing any construction.(refer to the attached Telstra Duty of Care for further information)
 All Telstra assets once validated must be protected from damage. (refer to the attached Telstra Duty of Care

for further information)

Telstra network is complex and requires expert knowledge to interpret information, to trace and identify components, to pothole underground assets for validation purposes and to safely work around assets without causing damage. If you are not an expert and/or qualified in these areas then you should not be attempting these activities yourself.

Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.

If your project is dependent on the position of the underground network then it is recommended that you validate the position of the network prior to finalising your design. *(refer to the attached Telstra Duty of Care for further information)*

FURTHER INFORMATION - please copy and paste links into your internet browser.

For all Telstra DBYD map related enquiries -

- reply to this email (preferred method)
- or email TAMS_Helpdesk@dominoapp.in.telstra.com.au

(see more contacts in the Telstra Duty of Care document attached)

For all Telstra asset relocation enquiries: 1800 810 443 construction/relocating-network-assets https://www.telstra.com.au/consumer-advice/digging-

All damages to Telstra Network must be reported

immediately <u>https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment</u> Information for new developments (developers, builders, home owners) Telstra Smart Communities <u>https://www.telstra.com.au/smart-community</u>

OPENING ELECTRONIC MAP ATTACHMENTS -

If you are unable to launch any one of the attached files for viewing and printing, you may need to download and install free viewing software from the internet e.g.

PDF Map Files (max size A3)

Adobe Acrobat Reader (<u>http://get.adobe.com/reader/</u>), or Foxit Reader (<u>http://www.foxitsoftware.com/dcwnloads/</u>)

DWF Map Files (all sizes over A3)

If you have received a DWF map file it is because either (a) you have requested a large area or (b) requested a heavily congested area such as a central business district.

The information on the plans cannot be shown legibly on an A3 PDF which is why a vector friendly DWF has been sent.

Plans over A3 in size cannot be supplied in PDF format due to system constraints - i.e. even if you specifically request it. You either need to utilise DWF viewing/printing software (see below for details) or re-request a smaller area through DBYD which will result in a PDF (e.g. max length for a A3 PDF is approx 400m for all areas except CBD's)

Autodesk A360 (<u>https://360.autodesk.com/viewer</u>) Free online DWF viewer - Browser update may be required. Best viewed in Google Chrone Web Browser (<u>http://www.google.com/chrome/</u>) and Mozilla Firefox (<u>https://www.mozilla.org/en-US/</u>firefox/new/)

or

Autodesk Design Review (<u>http://usa.autodesk.com/design-review/</u>) for DWF files. (Windows) Mobile Apps.

Autodesk A360 (<u>https://360.autodesk.com/viewer</u>) Internet Browser window.

Etoolbox: Android http://play.google.com/store/apps/details?id=com.etoolbox.viewer&hl=en

Turbo Viewer iPhone http://itunes.apple.com/au/app/turboviewer/id440584381?mt=8

For assistance installing and using the above software please consult the manufacturer's website for more information.

Important note: The construction of Telstra's network dates back over many years. Some of Telstra's pits and ducts were manufactured from asbestoscontaining cement.

You must take care in conducting any works in the vicinity of Telstra's pits and ducts. You must refrain from in any way disturbing or damaging Telstra's network infrastructure when conducting your works.

We recommend that before you conduct any works in the vicinity of Telstra infrastructure that you ensure your processes and procedures eliminate any possibility of disturbing, damaging or interfering in any way with Telstra's infrastructure.

WARNING - MAJOR CABLES and/or OPTIC FIBRE IN THE AREA.

Phone 1800 653 935 for further assistance. Note: In some areas Telstra fibre routes may be marked as "Amcom", as Telstra has purchased much of this infrastructure. If in doubt please contact Telstra Plan services on the number above. Telstra plans and information are only valid for 60 days from the date of issue. WARNING - Due to the nature of Telstra underground plant and the age of some cables and records, it is impossible to ascertain the precise location of all Telstra plant from Telstra's plans. The accuracy and/or completeness of the information supplied cannot be guaranteed as property boundaries, depths and other natural landscape features may change over time, and accordingly the plans are indicative only. To the extent permitted by law, Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy shown on the plans. It is your responsibility to locate Telstra's underground plant by careful hand pot-holing prior to any excavation in the vicinity and to exercise due care during that excavation. Please read and understand the information supplied in the duty of care statement attached with the Telstra plans. TELSTRA WILL SEEK COMPENSATION FOR LOSS CAUSED BY DAMAGE TO ITS PLANT. Telstra plans and information supplied are valid for 60 days from the date of issue. If this timeframe has elapsed, please reapply for plans. Telstra's plans contain Telstra's confidential information and are provided on the basis that they are used solely for identifying the location or vicinity of Telstra's infrastructure to avoid damage to this infrastructure occurring as part of any digging or other excavation activity. You must not use Telstra's plans for any other purpose or in a way that will cause Telstra loss or damage and you must comply with any other terms of access to the data that have been provided to you by Telstra (including Conditions of Use or Access).

(See attached file: Telstra Duty of Care v28.9.pdf)

(See attached file: Telstra Map Legend v3_2.pdf)

(See attached file: Find a Locator - V1.pdf)

(See attached file: 109756057.pdf)

Pages 235 through 236 redacted for the following reasons: Copyright

From:UrbanUtilities@ticketaccess.pcges.com.auSent:Monday, 17 May 2021 8:01 AMTo:Sang V ToSubject:DBYD Response for Job No 21628541, Sequence No 109756061Attachments:109756061 - Urban Utilities Plan.pdf; Urban Utilities Important Information.pdf

×	

GPO Box 2765 Brisbane QLD 4001

Date: 17 May 2021

Dial Before You Dig Response

Please DO NOT SEND A REPLY to this email as it has been automatically generated and replies are not monitored.

Dear Mr Sang To

We appreciate your diligence in contacting the Dial Before You Dig service (**DBYD**) prior to engaging in work or activities which may affect the water and sewerage infrastructure of Urban Utilities.

Job number:	21628541
Sequence number:	109756061
Enquiry date:	17/05/2021 7:56:00 AM
Enquiry Location:	Webster Road Aspley QLD 4034

WARNING: When working in the vicinity of Urban Utilities' assets you have a legal *Duty of Care* that must be observed.

Our records indicate the presence of infrastructure owned by Urban Utilities within your nominated search area, as shown on the attached plan.

Please note that you may be liable for any loss or damage to our infrastructure which is caused by any works or activities which you undertake over or near such infrastructure. Additionally, your works or activities may conflict with other works scheduled in your nominated search area. To avoid any unnecessary impacts, before any undertaking you must obtain the following approvals:

 And/or a Urban Utilities Network Access Permit for self assessable works or activities that are within two metres of our infrastructure (refer to <u>Urban Utilities Network Access</u> <u>Permit Webpage</u>) Either a Build Over Asset (BOA) Approval for assessable building works undertaken within specified distances of our infrastructure (refer to DHPW BOA Factsheet)

We have provided additional information about your responsibilities in relation to our infrastructure in the Important Information sheet attached to this letter. By accessing DBYD to obtain our records about our infrastructure, you warrant that you have read the sheet and agree to the terms and conditions set out therein.

For further enquiries or assistance with interpretation of plans and search content please contact our DBYD Support Team by email <u>QUU-dbyd.support@urbanutilities.com.au</u>. Alternatively, you can write to us at Urban Utilities, PO Box 2765, Brisbane QLD 4001.

Thank you for taking the time to consult the DBYD service.

Yours sincerely

Dial Before You Dig Support Team Urban Utilities QUU-dbyd.support@urbanutilities.com.au

To best manage the risk of damage and liabilitiy, we recommend that you engage the services of a <u>DBYD Certified Locator</u>

Important Notice

This enquiry response, including any associated documentation, has been assessed and compiled from the information detailed within the DBYD enquiry outlined above. Please ensure that the DBYD enquiry details and this response accurately reflect your proposed works.

This response is intended for use only by the addressee. If you have received the enquiry response in error, please let us know by telephone and delete all copies; you are advised that copying, distributing, disclosing or otherwise acting in reliance on the response is expressly prohibited.

Disclaimer: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Urban Utilities nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

If you are unable to lounch any of the files for viewing and printing, you may need to download and install free viewing and printing software such as Adobe Acrobat Reader (for PDF files)

Compiled with TicketAccess by PelicanCorp





Important Information

Disclaimer

All Urban Utilities' records, data and information supplied via DBYD ("**Data**") is **indicative** only. You agree that any Data supplied to you has been or will be provided only for your convenience and has not been and will not be relied upon by you for any purpose.

You also agree that Urban Utilities does not assume any responsibility or duty of care in respect of, or warrant, guarantee or make any representation as to the Data (including its accuracy, reliability, currency or suitability).

Because the location of Urban Utilities' infrastructure shown on the Data is approximate only, you must first physically locate the infrastructure by utilising relevant site detection methodologies prior to performing any works or undertaking any activities near or adjacent to infrastructure. Possible site detection methodologies include hand digging, potholing, trenching and/or probing. You are sciely responsible for the selection of appropriate site detection methodologies at all times.

To the fullest extent permitted by law, Urban Utilities will not be liable to you in contract, tort, equity, under statute or otherwise arising from or in connection with the provision of any Data to you via DBYD.

Compliance with laws

There may be both indicated and unmarked hazards, dangers or encumbrances, including underground asbestos pipes and abandoned mains within your nominated search area. You are solely responsible for ensuring that appropriate care is taken at all times and that you comply with all mandatory requirements relating to such matters, including in relation to workplace health and safety.

Damaged Infrastructure

Please note that it is an offence under Section 192 of the *Water Supply (Safety and Reliability) Act 2008* to interfere with our infrastructure without Urban Utilities' written consent.

You may be liable to Urban Utilities for any loss of or damage to our infrastructure, together with any consequential or indirect loss or damage (including without limitation, loss of use, loss of profits or loss of revenue) arising from or in connection with any interference with Urban Utilities' infrastructure by you or any other person for which you are legally responsible.

Any damage to Urban Utilities' infrastructure must be reported immediately to the (24 Hours) Faults and Emergencies Team on 13 23 64.

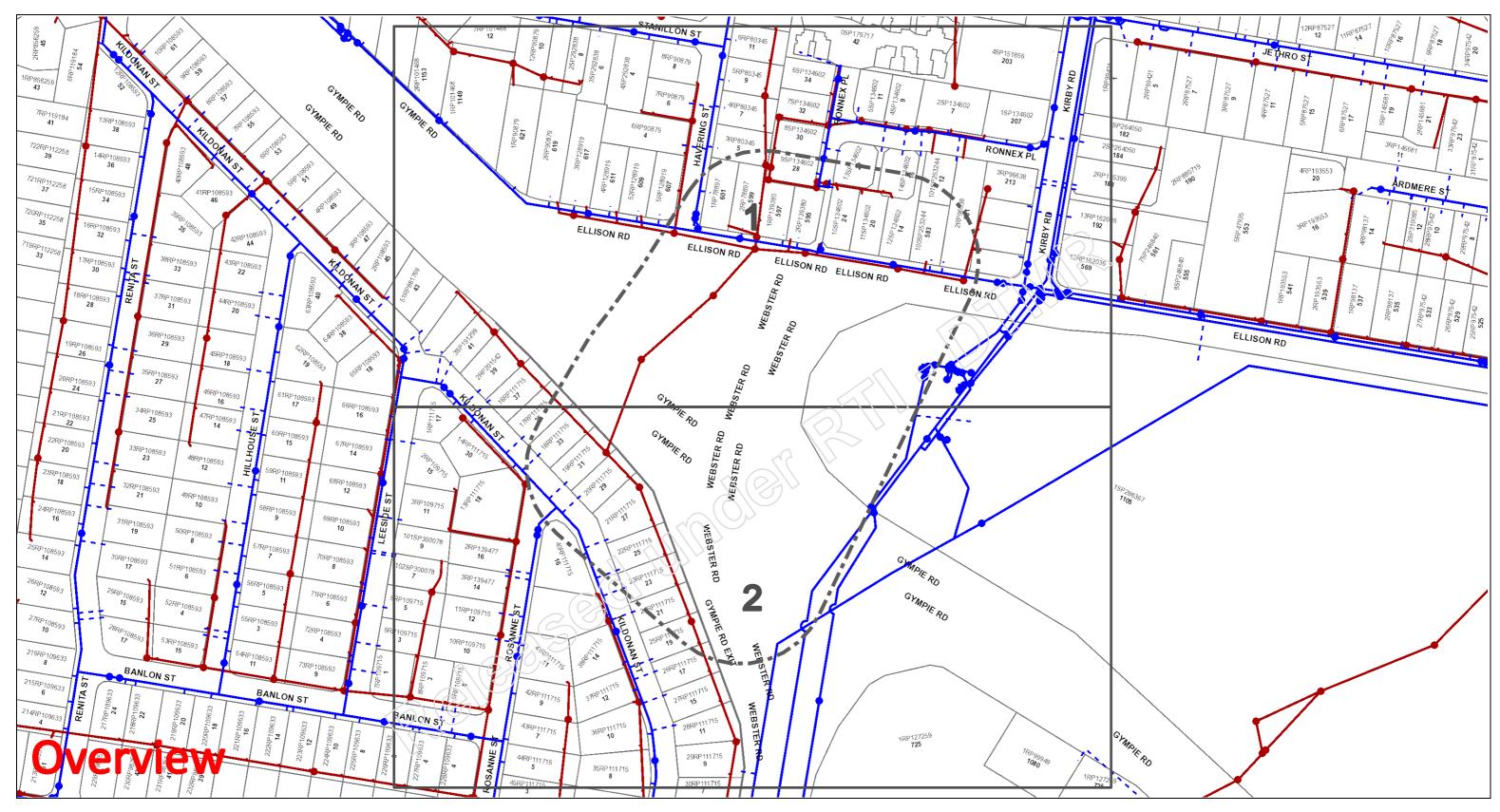
<u>Links</u>

Technical Standards: https://urbanutilities.com.au/development/help-and-advice/standards-and-guidelines

Copyright

All Data is copyright.

Urban Utilities - Water, Recycled Water and Sewer Infrastructure



Dial Before You Dig - Urban Utilities Water, Recycled Water and Sewer Infrastructure



DBYD Reference No: 109756061

Date DBYD Ref Received: 17/05/2021 Date DBYD Job to Commence: 31/05/2021 Date DBYD Map Produced: 17/05/2021

This Map is valid for 30 days

Produced By: Urban Utilities



Network Structures

Network Pipelines

Water Infrastructure

- Major Infrastructure
- Network Pipelines
- Network Structures
- - Water Service (Indicative only)

The plans are indicative and approximate only and provided without warranties of any kind, express or implied including in relation to accuracy, compl correctness, currency or fitness for purpose. This plan should be used as guide only. Any dimensions should be confirmed on site by the relevant authority. privacy laws. © State of Queensland Department of Natural Resources and Mines [2020]

tilities.com.au

www.urbanu

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Map Scale

1:2050

Plans generated [17 May 2021] by Pelicancorp TicketAccess Software | www.pelicancorp.com

Page Number: 240 of 333

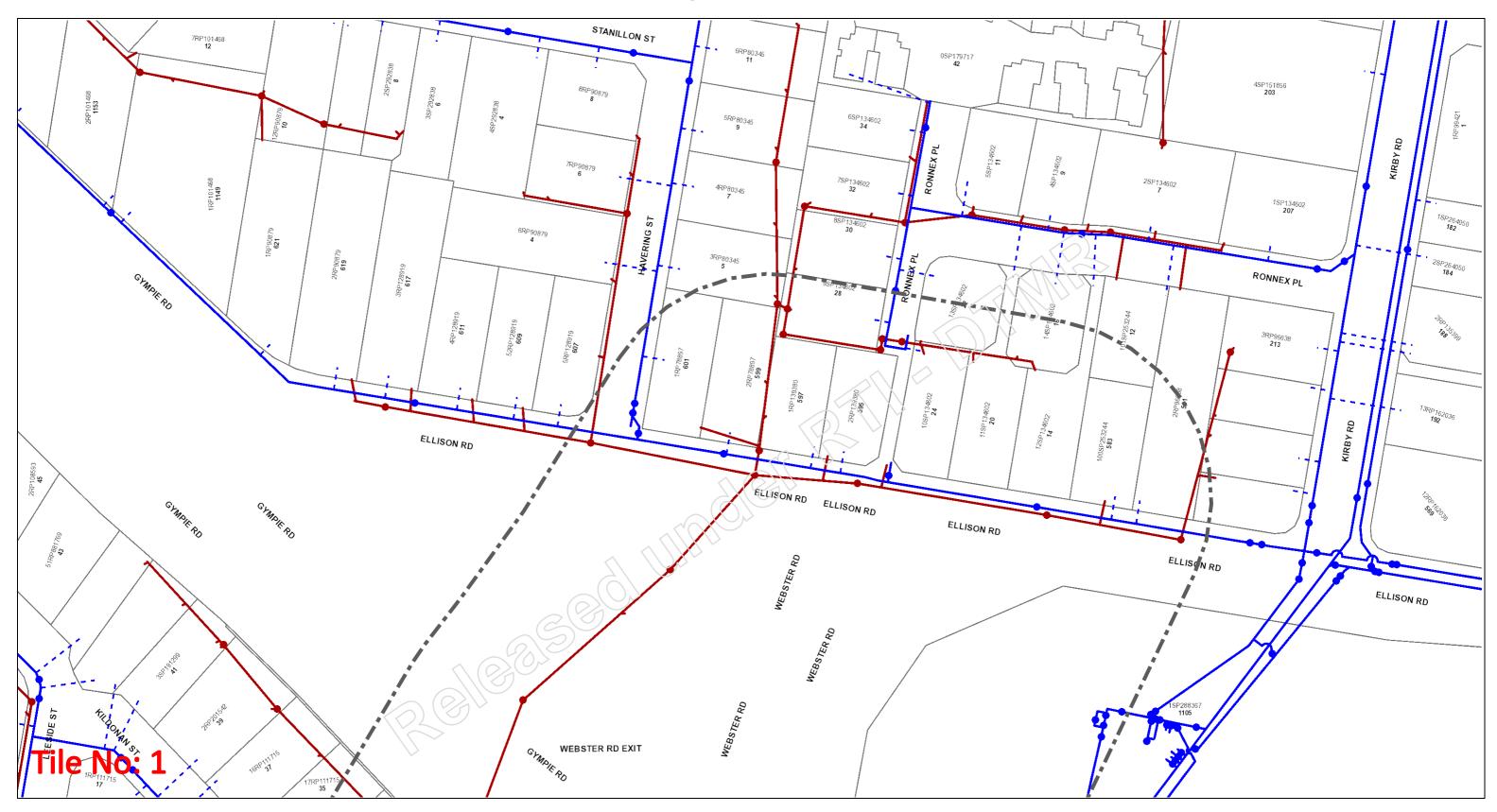
While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Urban Utilities nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms

Urban Utilities takes no responsibility and accepts no liability for any loss, damage, costs or liability that may be Urban Utilities takes no responsibility and accepts no liability for any loss, damage, costs or liability that may be incurred by any person acting in reliance on the information provided on the plans.

Based on or contains data provided by the State of Queensland (Department of Natural Resources and Mines) [2020]. In consideration of the State permitting the use of this data you acknowledge and agree that the State gives no warranty in relation to the data (including accuracy, liability in negligence) for any loss, damage or costs (including consequential damage) relating to any use of the data. Data must not be used for direct marketing or be used in breach of the

For further information, please call Urban Utilities on 13 26 57 (8am-6pm weekdays). Faults and emergencies 13 23 64 (24/7).

Urban Utilities - Water, Recycled Water and Sewer Infrastructure



Dial Before You Dig - Urban Utilities Water, Recycled Water and Sewer Infrastructure

DBYD Reference No: 109756061



Date DBYD Ref Received: 17/05/2021 Date DBYD Job to Commence: 31/05/2021 Date DBYD Map Produced: 17/05/2021

This Map is valid for 30 days

Sewer

Produced By: Urban Utilities

er.

Major Infrastructure

Network Pipelines

Infrastructure

Network Structures

Infrastructure

Water

- Major Infrastructure
- Network Pipelines
- Network Structures

- - - Water Service (Indicative only)

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Map Scale

1:1000

www.urbanu

tilities.com.au

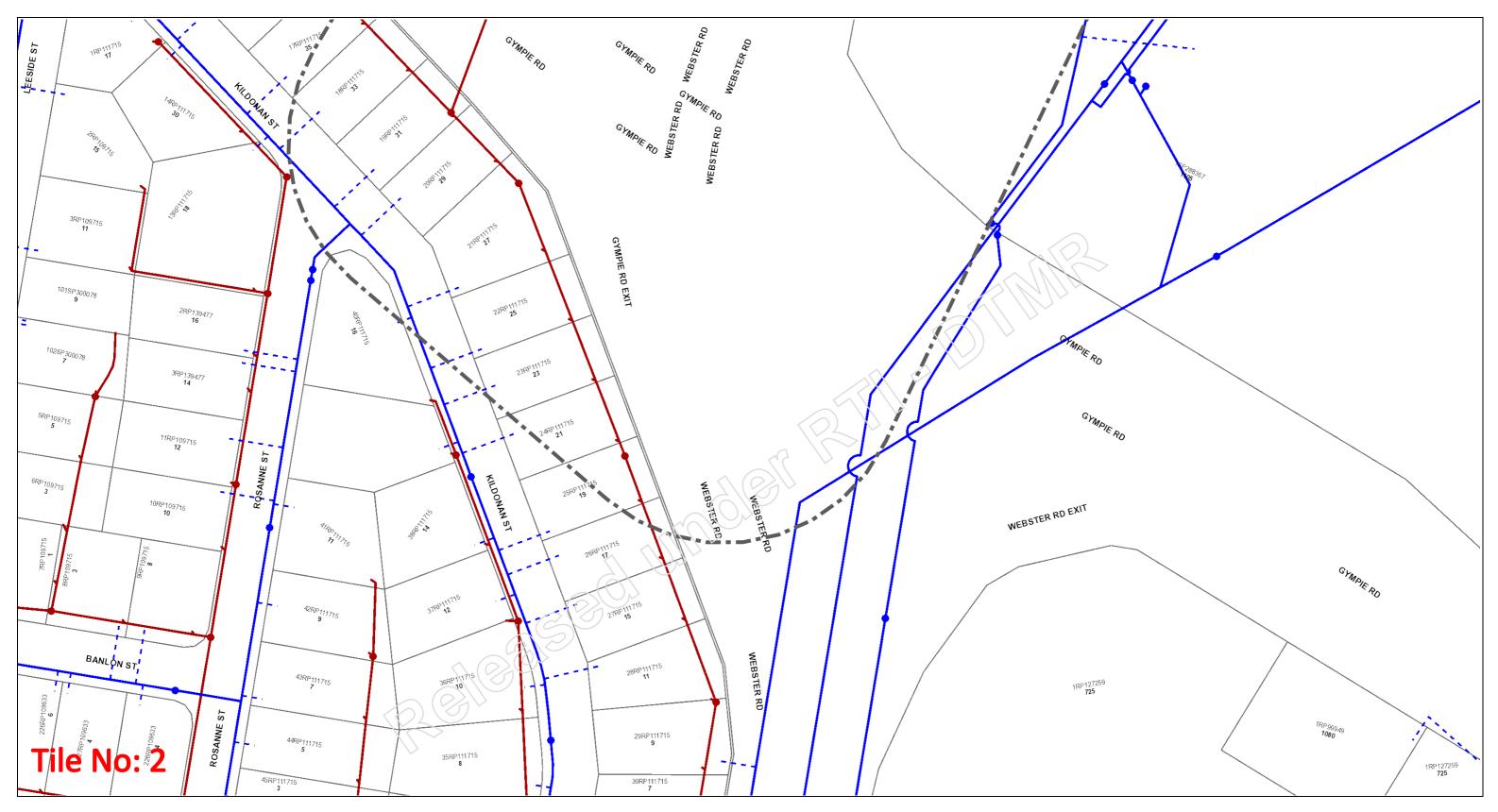
While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Urban Utilities nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms. The plans are indicative and approximate only and provided without warranties of any kind, express or implied including in relation to accuracy, completeness, correctness, currency or fitness for purpose. Urban Utilities takes no responsibility and accepts no liability for any loss, damage, costs or liability that may be Urban Utilities takes no responsibility and accepts no liability that may be incurred by any person acting in reliance on the information provided on the plans. This plan should be used as guide only. Any dimensions should be confirmed on site by the relevant authority. Based on or contains data provided by the State of Queensland (Department of Natural Resources and Mines) [2020]. In consideration of the State permitting the use of this data you acknowledge and agree that the State gives no warranty in relation to the data (including accuracy, liability in negligence) for any loss, damage or costs (including consequential damage) relating to any use of the data. Data must not be used for direct marketing or be used in breach of the privacy laws. © State of Queensland Department of Natural Resources and Mines [2020]

Plans generated [17 May 2021] by Pelicancorp TicketAccess Software | www.pelicancorp.com

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For further information, please call Urban Utilities on 13 26 57 (8am-6pm weekdays). Faults and emergencies 13 23 64 (24/7).

Urban Utilities - Water, Recycled Water and Sewer Infrastructure



Dial Before You Dig - Urban Utilities Water, Recycled Water and Sewer Infrastructure

Produced By: Urban Utilities

DBYD Reference No: 109756061



Date DBYD Ref Received: 17/05/2021 Date DBYD Job to Commence: 31/05/2021 Date DBYD Map Produced: 17/05/2021

This Map is valid for 30 days



Major Infrastructure

Network Pipelines

Network Structures

Water Infrastructure

- Infrastructure
- Major Infrastructure
- Network Pipelines
- Network Structures

- - Water Service (Indicative only)

correctness, currency or fitness for purpose. This plan should be used as guide only. Any dimensions should be confirmed on site by the relevant authority. privacy laws. © State of Queensland Department of Natural Resources and Mines [2020]

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Map Scale

1:1000

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Page Number: 242 of 333

While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Urban Utilities nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms

The plans are indicative and approximate only and provided without warranties of any kind, express or implied including in relation to accuracy, compl

Urban Utilities takes no responsibility and accepts no liability for any loss, damage, costs or liability that may be Urban Utilities takes no responsibility and accepts no liability for any loss, damage, costs or liability that may be incurred by any person acting in reliance on the information provided on the plans.

Based on or contains data provided by the State of Queensland (Department of Natural Resources and Mines) [2020]. In consideration of the State permitting the use of this data you acknowledge and agree that the State gives no warranty in relation to the data (including accuracy, liability in negligence) for any loss, damage or costs (including consequential damage) relating to any use of the data. Data must not be used for direct marketing or be used in breach of the

For further information, please call Urban Utilities on 13 26 57 (8am-6pm weekdays). Faults and emergencies 13 23 64 (24/7).

From:	Fibre.Locations@optus.com.au
Sent:	Monday, 17 May 2021 8:00 AM
То:	Sang V To
Subject:	DBYD Referral:109756058[21628541]
Attachments:	Cover Letter Uecomm.pdf; OFN5BNE4272-7.PDF; OFN5BNE4272-8.PDF

Optus - DigSAFE PRO Dial Before You Dig- REFERRAL NOTIFICATION

This referral has been successfully processed by Optus and the results are contained in the attached files.

Notice: Please DO NOT REPLY TO THIS EMAIL as it has been automatically generated and replies are not monitored.

If you have any queries or attachments missing please contact.

Network Operations Centre 1 Lyonpark Road, Macquarie Park, NSW 2113 Ph: 1800 505 777 Fax: 1300 307 035

You will require Adobe Reader to view attachments. https://urldefense.com/v3/__http://www.adobe.com/downloads/__;!!OMLVqIk!gLsM2iojI2FjPyDCjJYazOqEyPvke8 Hz1FSG3MqS3-Fiwaxmr0GBU0F8d4tl5ngRd3uG-2Y\$

We thank you for your enquiry and appreciate your continued use of the "Dial Before You Dig Service" Asset Analysis Service.

If you require further information in relation to Optus and/or Uemcomm cables please contact Optus on above.

This reply relates only to the location indicated above and is valid for 30 days from the sent date. Where additional works are planned that have not been specified within this reply, Optus require that an additional enquiry be submitted to Dial Before You Dig enquiry Service:

https://urldefense.com/v3/__http://www.1100.com.au__;!!OMLVqIk!gLsM2iojI2FjPyDCjJYazOqEyPvke8Hz1FSG3Mq S3-Fiwaxmr0GBU0F8d4tl5ngR_tTq9Ko\$

In the case of no additional location request being submitted, Optus will hold the relevant party responsible for any damage to Optus and/or Uecomm plant and all expenses incurred by Optus as a result of asset damage.

This e-mail may contain confidential information. If you are not the intended recipient, please notify Network Operations Centre immediately and delete this e-mail from your system. You must not disclose this e-mail to anyone without express permission from the sender. The contents of all e-mails sent to and received from Optus may be scanned, stored, or disclosed to others at Optus' discretion.

To: Mr Sang To

10 Oregon Street Hemmant, QLD, 4174



Building 8, 658 Church St, Richmond, VIC 3121 Ph: (03) 9221 4100 Fax: (03) 9221 4193 Ah: 1800 707 447

LOCATION OF UNDERGROUND FIBRE OPTIC CABLE INFORMATION SHEET

IMPORTANT: PLEASE READ ALL INFORMATION AND CONDITIONS BELOW AND THE NOTICE ON THE REVERSE SIDE OF THE PLAN/S.

"Dial Before You Dig" Sequence No 109756058	Issue Date: 17/05/2021
Customer ID 2277483	Issue By:

Location: Webster Road, Aspley, QLD 4034 Map Ref: 119N8, 119N9, 119P8 Uecomm Asset Location No. 109756058 Dial Before You Dig Job No. 21628541

In relation to your enquiry at the above address, Uecomm advises as follows:

The records of Uecomm Limited disclose that there ARE underground FIBRE OPTIC / TELECOMMUNICATIONS cables in the vicinity of the above enquiry as per attached plan/s.

- The underground cables referred to in this advice are defined as the underground communications cables owned or controlled by Uecomm Pty Limited.
- The person/company responsible for submitting the inquiry should take care to ensure all plans listed above have been received. For any plan listed above but not received please contact **1800 707 447**.
- Any information provided is valid only for **30 days** from the date of issue set out above.
- If the work operations extends beyond this period, or if the designs are altered in any way, you are requested to resubmit your proposal for reassessment.
- Further assistance may be obtained if necessary by telephoning **1800 707 447**.

PLEASE READ ALL INFORMATION AND DISCLAIMERS BELOW:

- Due to the nature of underground cables and the age of some cables and records, it is impossible to conclusively ascertain the location of all cables. The accuracy and/or completeness of the information cannot be guaranteed and, accordingly, they are intended to be indicative only and, as a result, Uecomm does not accept any responsibility for any inaccuracies of its plans. They should not be solely relied upon when undertaking underground works. It is also inaccurate to assume that fibre optic cables follow straight lines and careful on-site investigations are essential to locate its exact position.
- 2. The following minimum clearances must be maintained:
 - 300mm when laying asset's inline, horizontal or vertical.
 - 500mm when operating vibrating equipment, e.g., jackhammers or vibrating plates.
 - 1000mm when operating mechanical excavators.
- 3. Due to the inherent dangers associated with excavation in the vicinity of underground cables, precautions should be taken in the undertaking of any underground works, including (but not limited to) the following:
 - All excavation sites should be examined for underground cables by careful hand excavation. Cable cover slabs if present must not be disturbed. Hand excavation needs to be undertaken with extreme care to minimise the likely hood of damage to the cable, e.g., blades of hand equipment should be orientated parallel to the line of the cable rather than digging across the cable.
 - If any undisclosed underground cables are located, Uecomm Limited should be notified immediately.
 - All personnel must be properly briefed, particularly those associated with the use of earthmoving equipment, trenching, boring and pneumatic equipment.
 - All excavations must be undertaken in accordance with the relevant legislation and regulations.

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4. DAMAGE. ANY DAMAGE TO UECOMM'S NETWORK MUST BE REPORTED IMMEDIATELY TO 1800 707 447.

- 5. Uecomm recommends using Uecomm approved location contractors to provide on-site location services for Uecomm plant. You can arrange Uecomm on-site visits by calling Uecomm on 1800 707 447 and Uecomm or its approved representative will attend your site to provide guidance to the location of the Uecomm assets (the "Uecomm Asset Alignment"). Uecomm requires 3 clear business days notice to conduct an on-site location. The initial on-site visit by Uecomm will not normally incur a charge, but at the discretion of Uecomm, subsequent site visits may incur a charge to be applied at an hourly rate.
- 6. Uecomm will hold the relevant party responsible for any damage to Uecomm plant and all expenses incurred by Uecomm as a result of asset damage.
- 7. Except to the extent that liability may not be capable of lawful exclusion, Uecomm Pty Limited and its servants and agents and the related bodies corporate of Uecomm Pty Limited and their servants and agents shall be under no liability whatsoever to any person for any loss or damage (including indirect or consequential loss or damage) however caused (including, without limitation, breach of contract negligence and/or breach of statute) which may be suffered or incurred from or in connection with this information sheet or any Plans attached hereto. Except as expressly provided to the contrary in this information sheet or the attached Plans, all terms, conditions, warranties, undertakings or representations (whether expressed or implied) are excluded to the fullest extent permitted by law.

We thank you for your enquiry and appreciate your continued use of the Dial Before You Dig Service and/or Uecomm Asset Analysis Service. If you require further information please contact Uecomm on **1800 707 447**.

IMPORTANT This document may be confidential and privileged. Unauthorised use is prohibited. If you have it in error, please notify us and shred this document. Thank you.

Pages 246 through 247 redacted for the following reasons: Copyright

Released under BTH - DTHAR

From:	dbydsupport@energex.com.au
Sent:	Monday, 17 May 2021 8:04 AM
То:	Sang V To
Subject:	Energex - DBYD Seq No: 109756056 Job No: 21628541 - Webster Road Aspley
Attachments:	S2201230.pdf; Energex Terms & Conditions.pdf; Maps.pdf; Coversheet - Assets Found & Works
	Plans Found.pdf; PreviewMap.gif

Dear Mr Sang To,

Thank you for submitting your Dial Before You Dig referral, please find attached to this email the Energex response which may include the following supporting documents:

An Energex Coversheet, Preview Map for referral area; Energex Dial Before You Dig Terms & Conditions; Energex Maps for current assets found (if present); Extract(s) from Energex works plan for proposed assets (if proposed assets are in close proximity to the referral location).

Please refer to the Energex Coversheet for contact details should you have any questions about the information you have been supplied within this email.

Referral Details:

Asset Name: 50700

Date of Enquiry: 17/05/2021 7:56:00 AM Notification No: 21628541 (Job No) Sequence No: 109756056

Customer's Name: Mr Sang To Customer's Phone No Removed d Customer's Mobile No: Not Supplied

Address supplied for dig site location Webster Road, Aspley, QLD

Further supporting information can be found in the Electricity Entity Requirements: Working Near Overhead and Underground Electric Lines document, found by following the link below: https://urldefense.com/v3/__https://www.energex.com.au/__data/assets/pdf_file/0004/344470/Working-Near-Overhead-and-Underground-Electric-Lines-

WP1323.pdf__;!!OWLVqlkigp9zcUllR_JT7GW8c_dfeFfGSaiBPfEYdUBLrzwIGK_VAImTqL9iLXSDKGPyCjpieT_z-8k\$

Additional details and fact Sheets on Electricity Entity requirements for working near underground electrical assets are located on the following internet site.

https://urldefense.com/v3/__https://www.energex.com.au/home/safety/our-safety-resources/informationflyers__;!!OMLValk!gp9zcUIIR_JT7GW8c_dfeFfGSaiBPfEYdUBLrzwIGK_VAImTqL9iLXSDKGPyCjpikO_L1cQ\$

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Sender Details: Energex GPO Box 1461 Brisbane QLD Australia 4001 +61 7 3664 4000

https://urldefense.com/v3/__http://www.energex.com.au__;!!OMLVqIk!gp9zcUIIR_JT7GW8c_dfeFfGSaiBPfEYdUBLr zwIGK_VAImTqL9iLXSDKGPyCjpikOqE0bA\$

Energex policy is to not send unsolicited electronic messages. Suspected breaches of this policy can be reported by replying to this message including the original message and the word "UNSUBSCRIBE" in the subject.







ENERGEX DBYD RESPONSE "ASSETS FOUND – INC PLANNED WORK"

Our search has revealed there are existing and planned ENERGEX Underground Assets within the nominated search area. They are shown on the attached plan. (See Notes below). To: DBYD Sequence No: 109756056 Mr Sang To Date of Response: Company: TMR 17-May-2021 10 Oregon Street Period of Plan Validity: 28 Days Address: Hemmant QLD 4174 Email Address: Phone: Mobile: Fax: Not Supplied Not Supplied sang.v.to@tmr.qld.gov.au NR Webster Road Location of Search: Aspley QLD 4034 UBD Map Ref: 119N8,119N9,119P8 External Comments (if any): It is important that you note: Immediately report life threatening emergencies to ENERGEX on 13 19 62. 1. Please read and understand all the information and disclaimers provided - including the Terms and Conditions on 2. the attached pages. 3. We have only searched the area which has been nominated in the request. If this nominated area is not what you require, please resubmit another enquiry with DBYD. 4. Plans provided by ENERGEX are only an indication of the presence of underground assets within the nominated area. Locations provided are approximate and the plans are not suitable for scaling purposes, as exact ground cover and alignments cannot be provided. Plans provided by ENERGEX do not show the presence of any overhead Network. 5. In addition to underground cables marked on attached plan, there could be underground earth conductors or private underground cables (inc. consumers' mains that may run from ENERGEX mains onto private property) in the vicinity of the nominated work area(s) that are not marked on the plans. 7. Independent underground cable locators can be found via the DBYD Certified Locator website via http://www.dbydlocator.com/certified-locators/ 8. The ENERGEX Dial Before You Dig Information map(s) provide the vicinity of underground cable and will not be adequate for conveyancing purposes. A Request for Search (Property Search) can be arranged through ENERGEX. 9. The attached plans are only valid for a period of 28 days from receipt. In the event that excavation does not commence within 28 days, a new plan should be obtained. 10. Cable support for 33kV/110kV; Allow a minimum of 20 working days advance notice for Energex scheduling for investigations. Please contact the ENERGEX DBYD team on the details listed below to arrange the required investigation work. 11. The Energex DBYD map (named maps.pdf) may contain shaded area(s), indicating the location of planned work(s). This polygon will note the planned work project number in the centre of the shaded area(s). This number will correspond with additional pdf attachments, if they have been included. Should you find a planned worksplan not attached that you believe may affect your planned work(s), please contact the Energex DBYD team on the details listed below.

Contact ENERGEX DBYD Monday to Friday from 7 am to 3:30 pm on (07) 3664 5400 or <u>dbyd@energex.com.au</u> www.energex.com.au

ENERGEX Limited - ABN 40 078 849 055 26 Reddacliff Street Newstead QLD 4006 GPO Box 1461 Brisbane Queensland 4001 24 Hour Loss of Supply **13 62 62** 24 Hour Emergencies **13 19 62** General Enquires **13 12 53**

To resubmit or change the nominated search area contact DBYD via Phone 1100 or www.1100.com.au



Electricity Emergencies 24 Hours / 7 Days 13 19 62

Dial Before You Dig (DBYD)

Terms and Conditions

"Duty of Care" for Everyone"

General Enquiries 7am – 5:30pm Mon – Fri 13 12 53 custserve @energex.com.au Energex DBYD Enquiries 7am – 3:30pm Mon - Fri (07) 3664 5400 dbvd@energex.com.au

1. Responsibilities – (When Working in the Vicinity of Energex Plant)

Everyone has a legal "Duty of Care" that must be observed, particularly when working in the vicinity of electrical plant. Electrical plant includes underground cables, conduits and other associated underground equipment. When discharging this "Duty of Care" in relation to Energex plant, the following points must be considered:

- 1. It is the responsibility of the architect, consulting engineer, developer, and head contractor in the project planning stages to design for minimal impact and protection of Energex plant.
- 2. It is the constructor's responsibility to:
 - a) Anticipate and request plans of Energex plant for a particular location at a reasonable time before construction begins.
 - b) Visually locate Energex plant by hand or vacuum excavation where construction activities may damage or interfere with Energex plant.
 - c) Contact Energex (see above for details) if Energex plant is wholly or partly affected by planned construction activities.
 - d) For proposed excavations within <u>500mm</u> of any 33kV & 110/132kV underground networks or where the proposed excavation may affect the integrity of the asset or surrounding backfill, please allow a minimum of 20 working days' notice in your construction program for Energex to review proposed engineering designs, provide comment and allow some time for any required modifications to be made.
 - e) To notify Energex if the information provided is found to be not accurate or assets are found on site that are not recorded on the Energex DBYD plans.
 - f) Read and understand all the information and disclaimers provided

IMPORTANT NOTES:

- Plans and or details provided by Energex are current for one month from the date of dispatch and should be disposed of by shredding or any other secure disposal method after use. A new DBYD enquiry must be made for proposed works/activities to be undertaken outside of the 30 day period.
- As the alignment and boundaries of road ways with other properties (and roads within road ways) frequently change, the alignments and boundaries contained within Energex plans and maps will frequently differ from present alignments and boundaries "on the ground". Accordingly, in every case where it appears that alignments and boundaries have shifted, or new road ways have been added, the constructor should obtain confirmation of the actual position of Energex cables and pipelines under the road ways. In no case should the constructor rely on statements of third parties in relation to the position of Energex cables and pipelines. It is the applicant's responsibility to accurately locate all services as part of the design and/or prior to excavation.
- Energex does not provide information on private underground installations, including consumers' mains that may run from Energex mains onto private property. Assets located on private property are the responsibility of the owner for identification and location.
- Energex retains copyright of all plans and details provided in connection with your request.
- Energex plans or other details are provided for the use of the applicant, its servants, or agents, and shall not be used for any unauthorised purpose.
- Energex plans are circuit diagrams or pipe indication diagrams only and indicate the presence of plant in the general vicinity of the geographical area shown. Exact ground cover and alignments cannot be given with any certainty; as such levels can change over time.
- Energex, its servants or agents shall not be liable for any loss or damage caused or occasioned by the use of plans and or details so supplied to the
 applicant, its servants and agents, and the applicant agrees to indemnify Energex against any claim or demand for any such loss or damage.
- The constructor is responsible for all plant damages when works commence prior to obtaining Energex plans, or failure to follow agreed instructions, or failure to demonstrate all reasonable measures were taken to prevent the damage once plans were received from Energex.
- Energex reserves all rights to recover compensation for loss or damage caused by interference or damage, including consequential loss and damages to its cable network, or other property.
- All underground conduits are presumed to contain asbestos. Refer to "Code of Practice for the Management and Control of Asbestos in Workplaces [NOHSC: 2018 (2005)]
- · Plans provided by Energex do not show the presence of any Overhead Network
- In addition to underground cables marked on attached plan there maybe underground Earth Conductors in the vicinity of the nominated work area(s) that are not marked on the plans.
- There may also be other buried assets such as tanks for fluid filled cables that do not appear on GIS plots but are shown on detailed as constructed drawings.
- Being aware of your obligations in [s 304] Excavation work— underground essential services information under the Work Health and Safety Regulation 2011, Chapter 6 Construction work, Part 6.3 Duties of person conducting business or undertaking. This includes but is not limited to taking reasonable steps to obtain the current information & providing this information to persons engaged to carry out the excavation work. For further information please refer to: - http://www.legislation.qld.gov.au/LEGISLTN/SLS/2011/11SL240.pdf
- Energex plans are designed to be printed in colour and as an A4 Landscape orientation.
- Cable protection cover strips shall not be disturbed. Excavation below these cover strips, or into the surrounding backfill material is not permitted, unless by an Energex rated civil contractor, with prior Energex agreement.

Energex Limited

GPO Box 1461 Brisbane Queensland 4001

ABN 40 078 849 055

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2. Conditions – (When Working in the Vicinity of Energex Plant)

2.1 Records:

The first step before any excavation commences is to obtain records of Energex plant in the vicinity of the work. For new work, records should be obtained during the planning and design stage. The records provided by Energex must be made available to all construction groups on site. Where plant information is transferred to plans for the proposed work, care must be exercised to ensure that important detail is not lost in the process.

2.2 Location of Cables:

Examining the records is not sufficient, as reference points may change from the time of installation. Records must also be physically proven when working in close proximity to them. The exact location of plant likely to be affected shall be confirmed by use of an electronic cable and pipe locater followed by **careful hand or vacuum excavation to the level of cable protection cover strips or conduits.** When conducting locations Please be aware that **no** unauthorised access is permitted to Energex Assets– including Pits, Low Voltage Disconnection Boxes, Low Voltage Pillars or High Voltage Link Boxes.

Hand or vacuum excavation must be used in advance of excavators. In any case, where any doubt exists with respect to interpretation of cable records, Energex shall be contacted. For after hour's emergencies Energex should be contacted on Ph. 13 62 62.

2.3 Electrical Cable Installation Methods:

- Energex cables are installed with a variety of protection devices including:
- 1. Clay paving bricks or tiles marked "Electricity" or similar (also unmarked)
- 3. PVC, A/C or fibro conduit, fibre reinforced concrete, iron or steel pipe
- 5. Thin plastic marker tape

7.

Multiple duct systems, including earthenware or concrete 2-, 4-, and 6-way ducts and shamrocks

Note: Some cables are known to be buried without covers and cables may change depth or alignment along the route.

2.4 Excavating Near Cables:

For all work within 2.5 m of nominal location, the constructor is required to hand or vacuum excavate (octhole) and expose the plant, hence proving its exact location before work can commence.

2.5 Excavating Parallel to Cables:

If construction work is parallel to Energex cables, then hand or vacuum excavation (potholing) at least every 4 m is required to establish the location of all cables, hence confirming nominal locations before work can commence. Generally, there is no restriction to excavations parallel to Energex cables to a depth not exceeding that of the cable. If an excavation exceeds the depth of the cables and it is likely that the covers or bedding material around the cables/pipes will move, Energex must be contacted .**Note: Cable depths & alignment may change suddenly**.

2.6 Separation from Cables:

Any service(s) must be located at the minimum separation as per the tables below:

Table 1. Minimum Separation Requirements for Underground Services Running Parallel with Energex Assets

(Minimu	(Minimum Separation required in mm)									
Voltage	Gas	Communication	Water	Sanitary	Storm					
Level		or TV	≤DN 200 >DN200	≤DN 200	>DN 200	Water				
LV	250	100	500 *1000	500	1000	500				
HV		300		500	1000	500				
	*Contact Energex/council to obtain specific separation distances									

Table 2. Minimum Separation Requirements for Underground Services Crossing Energex Assets

(Minimum Separation required in mm)									
Voltage Level	Gas	Communication or TV	Water	Sanitary drainage	Storm Water				
LV & HV	100	100	300	300	100				

Where the above table does not list a separation requirement for a particular underground service then 300mm shall be used.

2.7 Excavating Across Cables:

The standard clearance between services shall be maintained as set down in Table 2 above. If the width or depth of the excavation is such that the cables will be exposed or unsupported, then Energes shall be contacted to determine whether the cables should be taken out of service, or whether they need to be protected of supported. In no case shall a cable cover be removed without approval. A cable cover may only be removed under the supervision of an Energex authorised representative. Protective cover strips when removed must be replaced under Energex supervision. Under no circumstances shall they be omitted to allow separation between Energex cables and other services.

2.8 Heavy Machinery Operation Over Cables:

Where heavy "Crawler" or "Vibration" type machinery is operated over the top of cables, a minimum cover of 450 mm to the cable protective cover mains must be maintained using load bearing protection whilst the machinery is in operation. For sensitive cables (i.e. 33 and 110kV fluid and gas filled cables), there may be additional constraints placed on vibration and settlement by Energex.

2.9 Directional Boring Near Cables:

When boring parallel to cables, it is essential that trial holes are carefully hand or vacuum excavated at regular intervals to prove the actual location of the conduits/cables before using boring machinery. Where it is required to bore across the line of cables, the actual location of the cables shall first be proven by hand or vacuum excavation. A trench shall be excavated one metre from the side of the cables where the auger will approach to ensure a minimum clearance of 500mm above and below all LV, 11kV, 33kV & 110/132kV cables shall be maintained.

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ABN 40 078 849 055

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Concrete or PVC cover slabs

2

6.

- Concrete encased PVC or steel pipe
- Large pipes housing multiple ducts

2.10 Explosives:

Explosives must not be used within 10 metres of cables, unless an engineering report is provided indicating that no damage will be sustained. Clearances should be obtained from Energex's Planning Engineer for use of explosives in the vicinity of Energex cables.

2.11 Damage Reporting:

All damage to cables, conduits and pipes must be reported no matter how insignificant the damage appears to be. Even very minor damage to cable protective coverings can lead to eventual failure of cables through corrosion of metal sheaths and moisture ingress. All work in the vicinity of damaged plant should cease and the area should be vacated until a clearance to continue work has been obtained from an Energex officer.

2.12 Plant Solutions and Assistance:

If plant location plans or visual location of Energex plant by hand or vacuum excavation reveals that the location of Energex plant is situated wholly or partly where the developer or constructor plans to work, then Energex shall be contacted to assist with your development of possible engineering solutions.

If Energex relocation or protection works are part of the agreed solution, then payment to Energex for the cost of this work shall be the responsibility of the principal developer or constructor. Energex will provide an estimated quotation for work on receipt of the developer's or constructor's order number before work proceeds.

It will be necessary for the developer or constructor to provide Energex with a written Work Method Statement for all works in the vicinity of, or involving Energex plant. This Work Method Statement should form part of the tendering documentation and work instruction.

2.13 Remote or On-Site Location Advice: This service shall be provided at Energex's discretion: In response to your request, Energex may provide a site visit when 33kV or above cables are present only, however any markings or pegs placed on the site will be indications of approximate equipment locations only. All markings must be confirmed by careful hand or vacuum excavation.

Energex may provide either remote over the phone or on-site location advice to assist in the location of Energex plant, including how to visually locate and protect the plant when excavating.

Where on-site location advice is provided, the constructor is responsible for all hand or vacuum excavation (potholing) to visually locate and expose Energex plant.

2.14 Vacuum Excavations (Hydro Vac)

When operating hydro vac equipment to excavate in vicinity of underground electrical assets (cables/conduits):

Fitted with:

- Nonconductive (neoprene rubber or equivalent) vacuum (suction) hose.
- > Oscillating nozzle on pressure wand with water pressure adjusted to not exceeding 2000 psi.

Maintain a minimum distance of 200mm between end of pressure wand and underground electrical assets. DO NOT insert the pressure wand jet directly into subsoil.

Ensure pressure wand is not directly aimed at underground electrical assets (cables/conduits).

2.15 Safety Notices (Underground Work)

There is no exclusion zone applicable for underground electrical assets - conduits, cables (unless cable is damaged, or conductors or terminations have been exposed) therefore there is <u>no requirement for a written Satety Advice</u> to be obtained provided the work location does not contain overhead electric lines or other exposed live parts.

Further information on working safely around Energex assets can be found within the following document:

https://www.energex.com.au/ data/assets/pdf_file/0004/344470/Working-Near-Overhead-and-Underground-Electric-Lines-WP1323.pdf

Thank you for your interest in maintaining a safe and secure Electricity Distribution network.

Energex welcomes your feedback on this document via email to dbyd@energex.com.au

Energex Limited • GPO Box 1461 Brisbane Queensland 4001 • ABN 40 078 849 055

Page Number: 253 of 333

Released under Bill - Dinnit

Sina Z Louei

From: Sent: To: Cc: Subject: Sang V To Monday, 17 May 2021 9:34 AM Ram Ramachandran; Sina Z Louei Peter N Calligeros; Matthew A Baylis; Bruce A Sielaff; Pinak H Dholakia RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Ram,

Thanks for clarifying and will you today at 1pm.

Kind Regards,

Sang To Project Manager BEng MIEAust CPEng NER RPEQ APEC (Electrical) | Brisbane Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

ThinkSAFE, WorkSAFE, StaySAFE



Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au> Sent: Monday, 17 May 2021 9:24 AM

To: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>; Sang V To <Sang.V.To@tmr.qld.gov.au> Cc: Peter N Calligeros <peter.n.calligeros@tmr.qld.gov.au>; Matthew A Baylis <Matthew.A.Baylis@tmr.qld.gov.au>; Bruce A Sielaff <Bruce.A.Sielaff@tmr.qld.gov.au>; Pinak H Dholakia <Pinak.H.Dholakia@tmr.qld.gov.au> Subject: RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

Sang

Please note that **signals**, **lighting and ped ramps** have to be completed by end of June as we discussed at recent MPP meetings.

Kind Regards

Ram Ramachandran Principal Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division | Department of Transport and Main Roads

Floor 15 | 313 Adelaide Street | Brisbane Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: (07) 3066 1333 | F: (07) 3220 6071 M: NR E: ram.z.ramachandran@tmr.qld.gov.au W: www.tmr.qld.gov.au Tomorrow's Queensland: strong, green, smart, healthy and fa

Tomorrow's Queensland: strong, green, smart, healthy and fair - <u>www.towardQ2.qld.gov.au</u> P Please consider the environment before printing this email

From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Sent: Monday, 17 May 2021 9:20 AM
To: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>
Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Peter N Calligeros
<<u>peter.n.calligeros@tmr.qld.gov.au</u>>; Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>; Bruce A Sielaff
<<u>Bruce.A.Sielaff@tmr.qld.gov.au</u>>; Bruce A Sielaff
<<u>Bruce.R.Sielaff@tmr.qld.gov.au</u>>; Subject: RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sang,

Please find attached the IFC drawings for your information.

I will bring a copy of these drawings to site today.

See you this afternoon.

Kind regards, Sina Louei

From: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>

Sent: Monday, 17 May 2021 8:52 AM

To: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>

Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Peter N Calligeros <<u>peter.n.calligeros@tmr.qld.gov.au</u>>; Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>; Bruce A Sielaff <<u>Bruce.A.Sielaff@tmr.qld.gov.au</u>>;

Subject: RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sina,

Hope you've had a good week end!

Can you please clarify if we are constructing both signals and Rate 3 or are we only constructing Rate 3 before the financial year.

From your email last week it only has Rate 3 and no signal drawings.

Kind Regards,

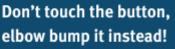
Sang To Project Manager BEng MIEAust CPEng NER RPEQ APEC (Electrical) | Brisbane Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

Page Number: 262 of 333

ThinkSAFE, WorkSAFE, StaySAFE

Crossing at traffic lights?

BUMP



, WASHT

Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Sent: Thursday, 13 May 2021 1:09 AM
To: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>; Peter N Calligeros <<u>peter.n.calligeros@tmr.qld.gov.au</u>>
Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>
Subject: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sang, Peter,

I hope you are both well.

Please find attached the current set of drawings (IFT stage) as per your request. We are working with the design team to finalise the Energex approval process and issue the IFC drawings by next week.

Peter,

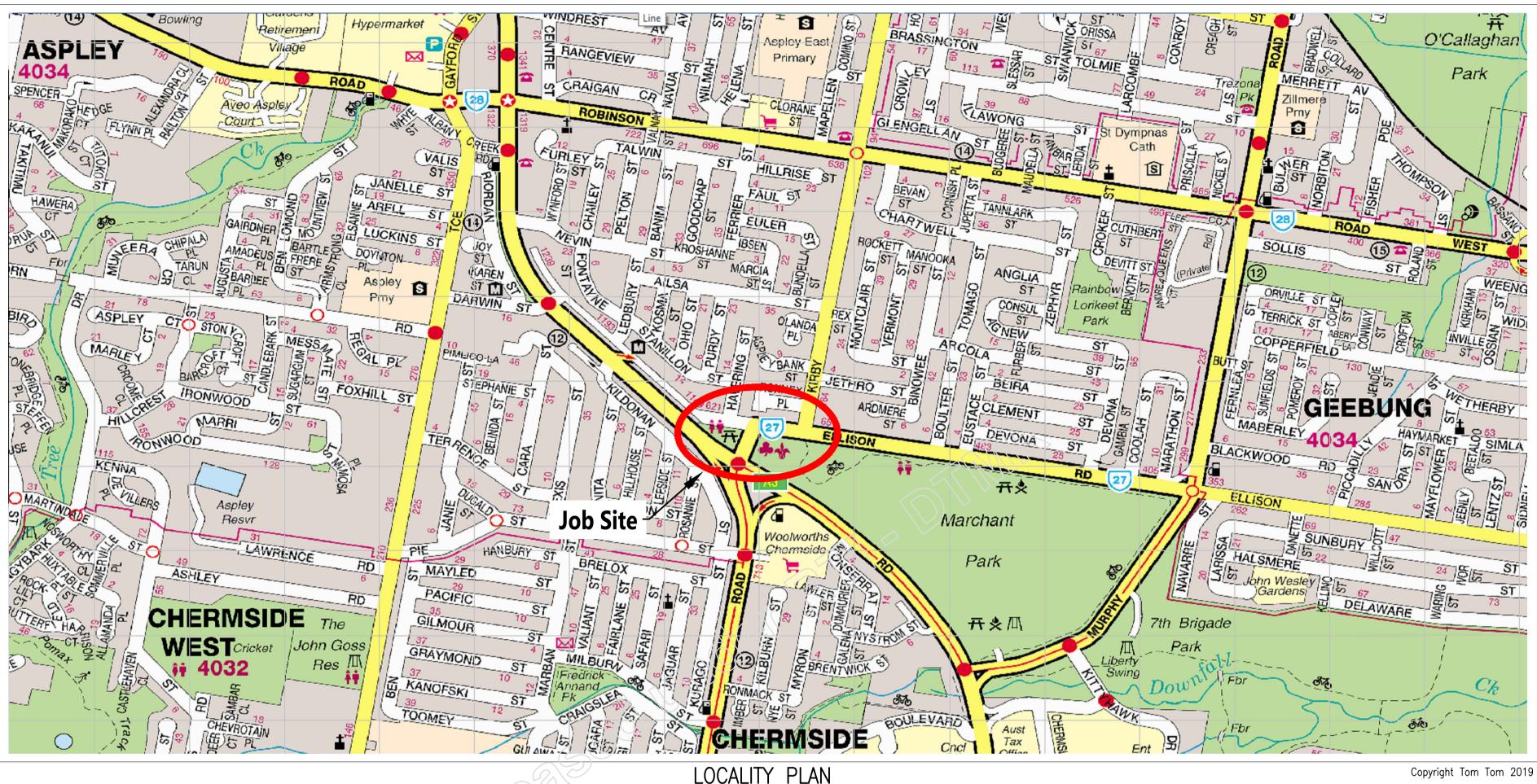
Are you available to attend the pre start site meeting next Tuesday (18 May) at 3:30PM? I am going to send invites out tomorrow morning. Your calendar shows that you are available but I just wanted to confirm with you.

Please let me know if you have any queries.

Kind regards,



BRISBANE CITY COUNCIL GYMPIE ARTERIAL ROAD (U14) WEBSTER ROAD SLIP LANES UPGRADE



CIVIL DRAWING INDEX

Drawing Number	Revision	Date	Series Number	
887548	A	04/2021	1	LOCALITY PLAN AND DRAWING IND
887549	A	04/2021	2	SIGNS AND LINEMARKING – SHEE
887549	A	04/2021	2	SIGNS AND LINEMARKING – SHEE

TOTAL NUMBER OF DRAWINGS = 2

ELECTRICAL DRAWING INDEX

Drawing Number	Revision	Date	Series Number	Drawing Description					
887550	A	04/2021	1	TRAFFIC SIGNAL INSTALLATION OPERATIONS AND ELECTRICAL CONNECTION – SHEET 1 OF 2					
887551	A	04/2021	2	TRAFFIC SIGNAL INSTALLATION OPERATIONS AND ELECTRICAL CONNECTION – SHEET 2 OF 2					
887552	A	04/2021	3	TRAFFIC SIGNAL INSTALLATION ELECTRICAL DESIGN LAYOUT					
887553	A	04/2021	4	TRAFFIC SIGNAL INSTALLATION NOTES AND SCOPE OF WORK, PITS, CONDUITS AND EQUIPMENT SCHEDULES					
887554	A	04/2021	5	RATE 3 ROAD LIGHTING SITE LAYOUT					
887555	A	04/2021	6	RATE 3 ROAD LIGHTING SINGLE LINE DIAGRAMS AND SCHEDULES					

TOTAL NUMBER OF DRAWINGS = 6

Associated Job No Surve Horiz. Datum Auxiliary Drg Nos Horiz. Grid Height Datum A Issued for Tender Survey Signatory: - RPEQ Full Name, Eng. Area and RPEQ No. or Revisions/Descriptions Date - Full Name and Position Title Books CAD FILES G:\WHRF-Projects\201 - Brisbane City Council (140)\201-U14-1095633 Gympie Webster\3_Development\Design\WM\02_Drawings\LOC001 LOCALITY PLAN AND DRAWI

Drawing	Description
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IDEX - SHEET 1 OF 1

ET 1 OF 1

<u>SCHEME SUBMITTED</u> : This design meets the Transport and Main Ro Guidelines and the req
FULL NAME: POSITION TITLE: SIGNED (IF WET INK):
SIGNED (IF WEITINK): <u>SCHEME SCOPE AND</u> I hereby certify that the relevant project on QT
program. FULL NAME: POSITION TITLE:
SIGNED (IF WET INK):

vey Data	Scales		LOCALITY							
\backslash			GYMPIE ARTERIAL ROAD (U14)							
	NTS	CTL CHGE	WEBSTER	r road inte	RSECTION					
			Reference Points							
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\backslash	Dimensions shown in metres		, ,		ÿ					
	except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7				
/ING INDEX.dwg		Through Chaina	ge from approx. 4	.751km – 4.611km			L			

DESIGN CLASS

This design has been undertaken in accordance with the Road Design "Class D" Guidelines as specified in Table 1.1 of the Department of Transport and Main Roads Guidelines for Road Design on Brownfield Sites (July 2013)

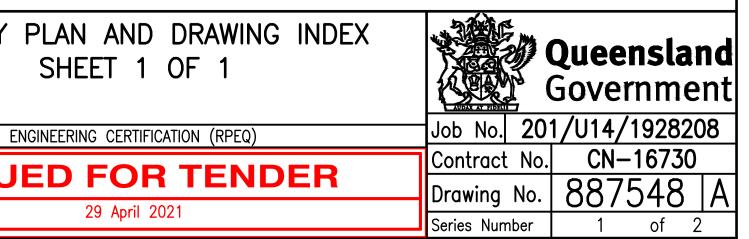
(External Consultants or Internal Business Unit): e requirements of all relevant Australian Standards, Austroads Guidelines and Roads — Policies. References, Standards, Planning and Design Instructions, equirements of the project brief/functional specifications.

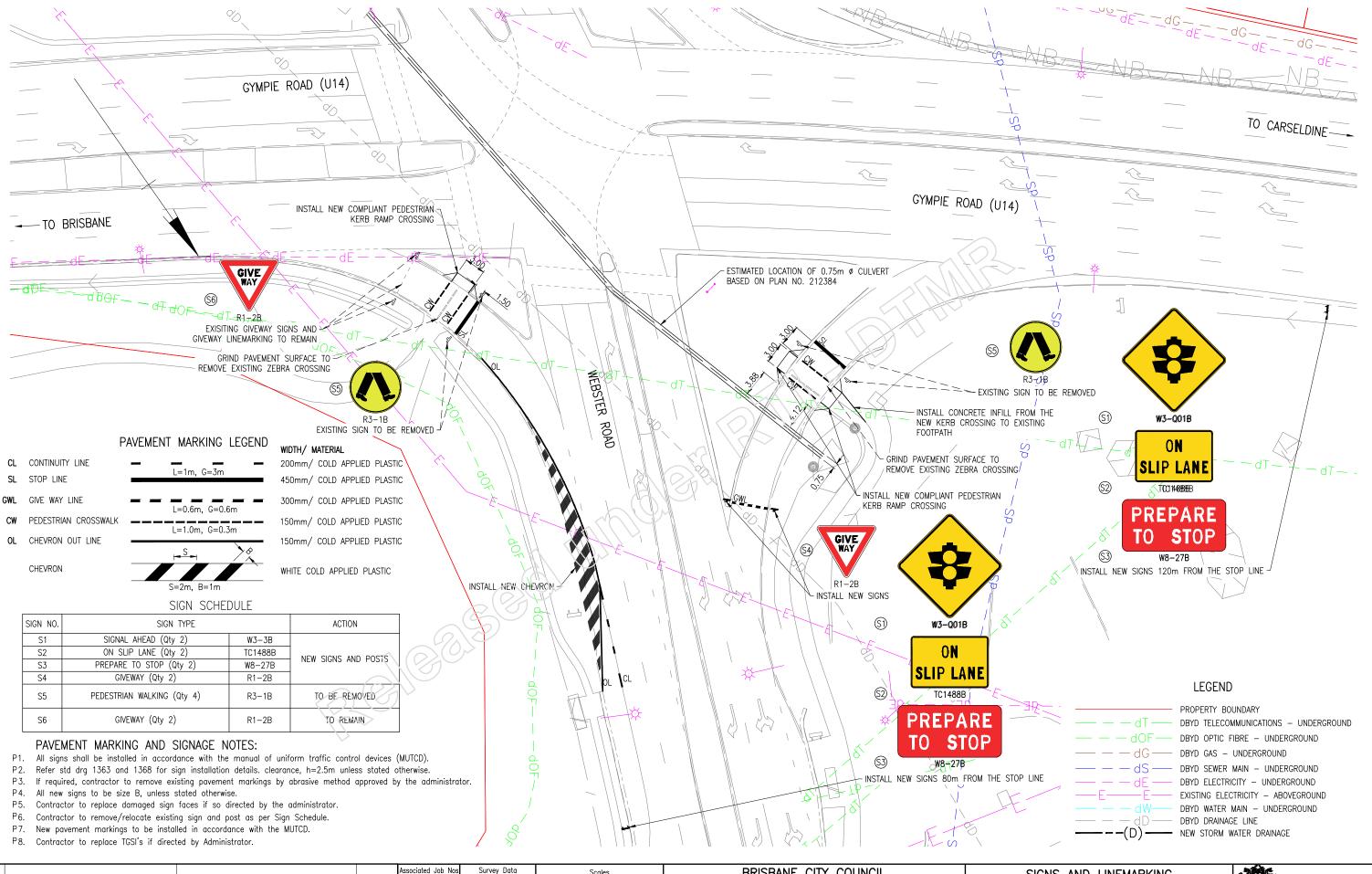
DATE:

ORGANISATION:

<u>D</u> FINANCIAL APPROVAL: (Regional Director or Delegate): this scheme complies with the intent of the scope and financial limits of the TRIP and the scheme is approved for release in accordance with that

DATE:





F				Associated Job Nos	Su	rvey Data	Scales		BRISBA	NE CITY C			SIG
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D					Datum		_		GIMFIE	ARTERIAL RO	AD (014)		
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	Revisions/Descriptions	Signatory: - RPEQ Full Name, Eng. Area and RPEQ No. or	Date		Survey	```	Dimensions shown in metres	- RP	of job (km)	· · · · ·	Ĵ	KP .	1330
	, ,	 Full Name and Position Title 			Books		V except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7	
CA	CAD FILES G:\WHRF-Projects\201 - Brisbane City Council (140)\201-U14-1095633 Gympie Webster\3_Development\Design\WM\02_Drawings\SIGNS AND LINEMARKING.dwg							Through Chainag	ge from approx. 4	.751km – 4.611km			

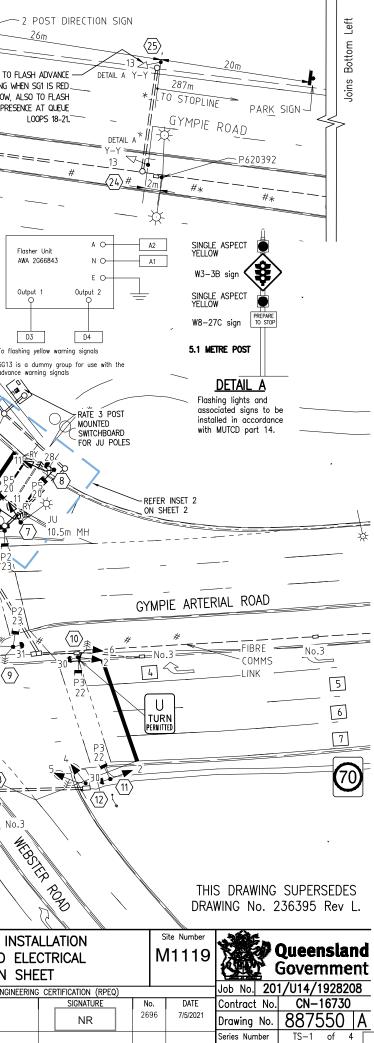
Page Number: 265 of 333

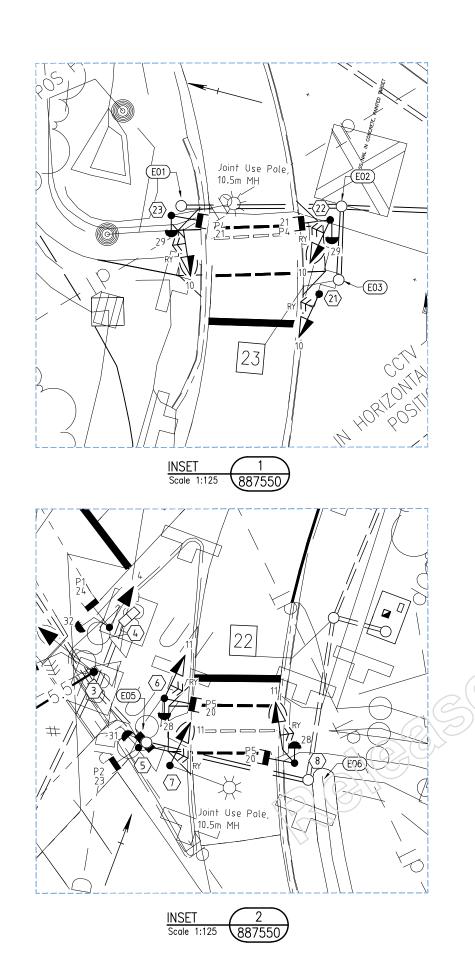
Department of Transport and Main Roads MRR_Detail (08/19)

IGNS AND LINEMARKING SHEET 1 OF 1	Queensland Government
ENGINEERING CERTIFICATION (RPEQ)	Job No. 201/U14/1928208
UED FOR TENDER	Contract No. CN-16730
	Drawing No. 887549 A
29 April 2021	Series Number 2 of 2

PHASE DIAGRAMS Image: constraint of the system ALT SEQ AFEDCB Image: constraint of the system ALT SEQ AFEDCB Image: constraint of the system SIGNAL GROUPS 1 2 20 24 VEHICLE/PED VG1 VG2 PG5 PG1 LOGICAL INPUT 15, 16, 17 5, 6, 7 28 32 CALL X X Image: constraint of the system INCREMENT X X Image: constraint of the system SPECIAL CONDITIONS VG11 red during PG5 wolk + clearance	VG2 VG6 PG5 PG4 VG4 VG7 PG4 5, 6, 7 4 28 29 2, 3 1 29 X X X X X X X X X X X X X X VG10 red during PG4 walk + clearance else off. VG10 red during PG5 walk + clearance else off. VG10 red during PG4 walk + clearance else off.	30 31 9, 10 2, 3 11, 12 29 30 X X X PED4 PED3 X X X X X X X X X X Walk + clearance VG10 red during PG4 walk + clearance else off. PG2 may overlap to C phase, PG3 PG3	PG2 VG3 VG8 VG9 PG5 PG4 PG3 VG1 VG5 VG 31 9, 10 8 11, 12 28 29 30 15, 16, 17 13, 14 11, 3PED2 X X X X X X X X X X X X X X X ance VG10 red during PG4 walk + clearance else off. VG11 red during PG5 walk + VG11 red during PG5 walk + else off.	Image: A constraint of the second
LOOP 7 P7 7 ADVANCE 29m LOOP 8 P8 8 STOP LINE 4m LOOP 9 Q9 9 STOP LINE 4m LOOP 10 Q10 10 STOP LINE 4m LOOP 11 Q11 11 STOP LINE 4m LOOP 12 Q12 12 STOP LINE 4m	1 2 3 4 5 6 7 8 9 10 11 1 2 3 4 5 1 X <td></td> <td>23 JU 10.5m MH 29 RY PL 21 21 21 21 21 21 21 21 21 21</td> <td>POS PP34689</td>		23 JU 10.5m MH 29 RY PL 21 21 21 21 21 21 21 21 21 21	POS PP34689
EXT2 E6 31 Pb2-AUDIO EXT1 E5 32 Pb1-AUDIO		WARNING	GYMPIE ARTERIAL ROAD	
 NOTES: 1. Refer Drg No. 887555 for Scope of Works, General Notes and Electrical Equipment Schedules. 2. Refer Drg No. 887552 for Design Layout drawing. 3. Communications connection to STREAMS is via TMR Fibre Network. The FOCS is located in a pit beside the controller. 4. This drawing and certification is limited to the Scope of Works stated on drawing 887555. This drawing has been compiled from As-Constructed information that hasn't been verified. Contractor to verify existing installation on-site. 	SERVICES 	Asbestos Material pits and conduits suspected onsite. WARNING SOME 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.		$\begin{array}{c} 1 \\ 2 \\ 18 \\ 12 \\ 18 \\ 14 \\ 13 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10$
Yei - - 1200 'go faw -	Auxiliary Drg Nos 887548 – 887555 Height Datum Survey	ey Data 0 2 4 6 8 10m ORIGINAL SIZE A3 Dimensions shown in metres except where shown otherwise Preceding RP U14/5 U14/5	of job (km) end of job Following RP RP 1.741 0.14 1.359 U14/7	Drawn L.KOLARIC ENG. AREA L.KOLARIC ENG. AREA L.KOLARIC ENG. AREA L.KOLARIC Checked J.CHUONG

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					RUN	1		RUN	2		RUN	3		RUN	4		RUN	5				
			CONTROLLER TERMINALS		CONNE	CTS	+	CONNEC			CONNEC			CONNEC	CTS		CONNEC					CONTROLLER TERMINALS
	SIGNAL GROUPS	Z	ERMII	ALS	12 22 23 1 22	(3)	ALS	145	\bigcirc	ALS	14	\square	ALS	19/18	(18)	ALS	1224	\square		SIGNAL GROUPS	z	ERMII
	GR(FUNCTION	E H	FINIAL TERMINALS	22/23	X3L)	FINIAL TERMINALS	$\overline{6}\overline{\sqrt{7}}$	\square	TERMINALS	(13)(12)	\square	FINIAL TERMINALS	(19)(18)	(81)	FINIAL TERMINALS	(25)	\square		GR(FUNCTION	R II
	NAL	NN-	OLLE	臣	1/2		E	8 (9)	\sim	Ē		\square	Ē	(17)(16)	\sim	E	KΧ	\sim		NAL	NN.	CLE
	SIG	L.	NTRC	NIAL	3 (4)]	NIAL			FINIAL	ЖX		NIAL			NIAL	KΧ			SIG	<u> </u>	LTRC
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					00050	1050		00050			00050	1050		00050	050		00050	1050				
		RED	A5	1	CORES (JSED 1	1	CORES L	JSED I		CORES I	JSED	1	CORES L	JSED		CORES (JSED				┢
	1	YELLOW	A4	2	2	2	2	2					2	2	\vdash					18		+
		GREEN	A3	3	3	3	3	3					3	3						10		+
		RED	A8				4	4		4	4		4	4	4							\square
	2	YELLOW	A7				5	5		5	5		5	5	5					19		1
		GREEN	A6				6	6		6	6		6	6	6					19		
		RED	A11	4	4					7	7										RED DW	AA1
	3	YELLOW	A10	5	5					8	8									20	PED5	
		GREEN	A9	6	6					9	9				\Box						GREEN W	
		RED	A14	7	7					10	10										RED DW	BB
	4	YELLOW	A13	8	8					11	11								\square	21		⊢
		GREEN	A12	9	9	<u> </u>	<u> </u>			12	12		47	47	\square			4	$\langle \rangle$	2	GREEN W	
		RED	B5				7	7		13	13		13	13				$ \ge $	11		RED DW	BB8
	5	YELLOW	B4				8	8		14 15	14 15		14 15	14 15		~		\mathbb{H}	$\langle \rangle \rangle$	22	PED3	
		GREEN RED	B3 B8	-			9 10	9 10		15	1 12		15 16	15	⊢4	24		4	\vee	-	GREEN W RED DW	
	6	YELLOW	B0 B7	-		-	11	11			-		10	10	ЬĄ		\rightarrow	$ \rightarrow $		23		BB1
	ľ	GREEN	B6				12	12					18	18	\square	$ \frown $				25	GREEN W	BR
		RED	B11	10	10		1	, 2		19	19		19	19		Ż					RED DW	
	7	YELLOW	B10	11	11		t			20	20		20	20	+					24		
		GREEN	B9	12	12		t			21	21		21	21						ר '	GREEN W	BB1
		RED	B14	13	13		İ		. <	16	16	\sim										T I
	8	YELLOW	B13	14	14		L		\sum	17	17											1
		GREEN	B12	15	15					18	18											
		RED	C5						1				22	22								
	9	YELLOW	C4							\sum			23	23								\vdash
		GREEN	C3				K	\rightarrow					24	24								⊢
		RED	C8	16	16		\wedge	\sim														⊢
	10	YELLOW	C7	17	17																5 DET 28	
		DES .		\rightarrow	<u> </u>	-	4 7	47							\square						4 DET 29	
	11	RED	C11	K	H^{\sim}		13	13		<u> </u>											T3 DET 30	
	11	YELLOW	610	-		-	14	14		-					\vdash						2 DET 31	
ام		44	5-2	-			\vdash			-			\vdash		\vdash					EX	1 DET 32 230V	2 E5 A2
22	12	\frown	í –			-	+			-	<u> </u>				\vdash					DET		
~ / / /	14														\vdash					N	COMMON	A1,8
$\langle \langle \rangle \rangle$	\sim	RED		AD	VANCED	FLA	SHE	R UNIT							\vdash						LVINAL	1.01,0
<u>S</u>	13	YELLOW	D4	FLA	SHER C)/PL	JT 1									1	1			.		DEC
		YELLOW	D3		SHER C											2	2				SPARE CO TO EART	
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	16						-								\vdash							

	Associated Job Nos Sur	urvey Data			BRISBA	NE CITY C	OUNCIL			TRFFIC SIGNAL II	NSTALLATION	Site Numb	
	Horiz.	\wedge 1			GYMPIE AF	RTERIAL R	OAD (U14)			OPERATIONS AND		M111	9 Queensland
	Auxiliary Drg Nos Horiz.	$\left[\begin{array}{c} \\ \end{array} \right]$	0 1 2 3 4 5m				ERSECTION			CONNECTION	SHEET		Government
	887548 – Bind 887555 Height Datum					eference Points			Drawn	ENC	SINEERING CERTIFICATION (RPEQ)		Job No. 201/U14/1928208
A lowed for Construction	Datain	\longrightarrow	ORIGINAL SIZE A3	Preceding	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	L.KOLARIC Designed	ENG. AREA NAME	SIGNATURE	No. DATE	
A Issued For Construction A Issued For Construction Revisions/Descriptions Drawn Checked Signed Date	Survey Books		Dimensions shown in metres except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7		ELECTRICAL J.CHUUNG	NR	2696 7/5/202	²¹ Drawing No. 887551 A
7			ectrical\Signals\M1119_877550-877553_	A. Hungough Chaina	ige from approx. 4	.751km – 4.611km		,	J.CHUONG				Series Number TS-2 of 4

							Depo	rtment (of Tr	ansp			Road			(08/19)
NALS		RUN CON	1 T.		RUN CON	2 T.		RUN CON			RUN CON			RUN CON		
CONTROLLER TERMINALS	FINIAL TERMINALS	CONNE 22 22 1 22 23 1 2 2 2 2 3 2 3 4	3 31	FINIAL TERMINALS	CONNEC 5 6 7 8 9 10		FINIAL TERMINALS	CONNEC 13(14) 13(12) 11)	\mathbb{R}	FINIAL TERMINALS	CONNET 20 19/18 17/16 15	(18)	FINIAL TERMINALS		8	
		CORES L	JSED		CORES l	JSED		CORES	JSED		CORES I	JSED		CORES l	JSED	
				15	15											
4A14				15	15											
AA12				16	16											
BB5	18	18														
	10	10														
BB3 BB8	19	19		17	17		22	22								
DDO				17	17		~~	~~~								
BB6				18	18		23	23								
3B11				19	19											
DDA				20	20											
BB9 3B14	20	20		20	20											
3B12	21	21														
E9				P4	P4											
E8	P4	P4														
E7				P3	P3		24	24								
E6 E5	P1	P1		P2	P2											
A2	26	26		26	26		26	26		A	RD					
E3	27			27	GY		27	GY		PR						
A1,B1 C1,D1	NL	BK	BK	NL	BK		NL	BK		NL	BK	BK	NL	BK		
		22-27 OG			21-27 OG			1-3 25			7-12					
ES	/	P2, P3	/		P1			20			25–27 P1–P4				/	
	/						/			/	OG	\backslash		4==-2		
E	/	36	19	/	36	/	/	29	/	/	36	19	/	4mm2 4C+E	V	
RΤ	YPE			Т	YCO EC	CLIP	SE	EC1-6	2-2	24						

NOTES:
1. Refer Drg No. 887553 for Scope of Works, General Notes and Electrical Equipment Schedules.
2. Refer Drg No. 887554 for Design Layout Drawing.
3. This drawing and certification is limited to the scope of works stated on this drawing. This drawing has been compiled from As Con information that hasn't been verified. Contractor to verify existing install on-site.

THIS DRAWING SUPERSEDES DRAWING No. 236395 Rev L.

	LEGEND
***** UNLES	S OTHERWISE STATED *****
 ====== 	1×100DIA HD ORANGE INSTALL NEW 2×100DIA HD ORANGE INSTALL NEW EXISTING 2×100DIA HD ORANGE EXISTING 1×100DIA HD ORANGE EXISTING COMMS CONDUIT EXISTING PIT TO REMAIN CIRCULAR PIT TO INSTALL POST/POLE STATION No.
(E3)	FLECTRICAL PIT No.
INSTALLED TO THE	O BE SUPPLIED & R SPECIFICATION MRTS91. D1436 FOR SYMBOL DETAILS

WARNING SOME 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.

WARNING

Asbestos Material pits and conduits suspected onsite.

EXISTING UTILITIES

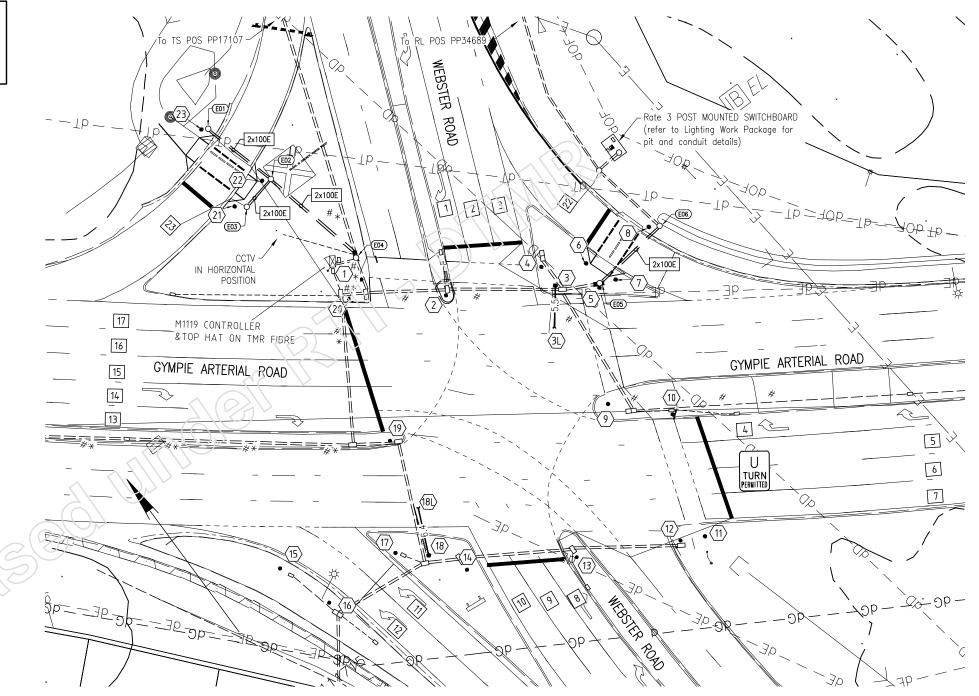
U/G TELECOMMUNICATIONS	
U/G WATER	— — — W— — — W—
U/G ELECTRICITY	— — — E— — — E—
U/G SEWER	
DRAINAGE	— — D— — — D— —
DBYD WATER	———dW———dW—
DBYD SEWER	$\mathrm{dS}\mathrm{dS}-$
DBYD TELECOMMUNICATIONS	dTdT-
DBYD DRAINAGE	dDdD-

SERVICES LOCATIONS AND CONFLICTS:

- 1. The service information shown on this plan is not intended to provide the Contractor with complete or accurate information concerning the location or extent of existing utility services.
- The Contractor is to make enquiries of the service authorities as to the location, depth and extent of utility services prior to commencement of
- The Contractor is to immediately advise the Principal and relevant service authority when an existing underground utility service not previously identified is found during construction.
- The Contractor will be solely responsible for any damage to existing services as a result of execution of work under the Contract.

NOTES:

- 1. Refer Drg No. 887553 for Scope of Works, General Notes and Electrical Equipment Schedules.
- 2. Refer Drg Nos. 887550 & 887551 for Operations & Electrical Connections Sheets.
- Communications Sneets.
 Communications connection to STREAMS is via TMR Fibre Network. The FOCS is located in a pit beside the controller.
 This drawing and certification is limited to the Scope of Works stated on drawing 887553. This drawing has been compiled from As-Constructed information that hasn't been verified. Contractor to verify existing installation on-site.



						Associated Job No	s Survey Horiz.	/ Data				NE CITY C			-		SIGNAL INST			Site Number	Sec.	Queensland
							Datum	、	02468m		GYMPIE A	RTERIAL RO	DAD (U14)			EL	ECTRICAL DES	IGN	N	M1119	IZERS.	
						Auxiliary Drg No	s Horiz. Grid				WEBSTER	ROAD INT	RSECTION				LAYOUT				THE R PERSON A	Government
						887548 - 887555	Height				Re	eference Points			Drawn		ENGINEERIN	NG CERTIFICATION (RPEQ)		Job No. 20	1/U14/1928208
						007333	Height Datum		ORIGINAL SIZE A3	Preceding	Dist. to start	From start to	From end to	Following	L.KOLARIC	ENG. AREA	NAME	SIGNATURE	No.	DATE	Contract No.	CN-16730
A	Issued For Construction Revisions/Descriptions	Drawn	Checked	Signed	Date		Survey Books		Dimensions shown in metres except where shown otherwise	RP U14/5	of job (km) 1.741	end of job 0.14	Following RP 1.359	RP U14/7	L.KOLARIC	ELECTRICAL	J.CHUONG	NR	2696	7/5/2021	Drawing No.	887552 A
CA	FILES \\corp.tmr.qld.gov.au\shares\Groups\WHRF-Proje	cts\201 - B	risbane City Cou	ncil (140)\201-	U14-1095633	Gympie Webster∖3_De				A.Bwgough Chaine	age from approx. 4	.751km - 4.611km		·	J.CHUONG						Series Number	TS-3 of 4

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THIS DRAWING SUPERSEDES DRAWING No. 236395 Rev L.

	NEW PIT SCHEDULE										
PIT NO.	COORE	INATES*	TYPE	REMARKS							
PIT NO.	EASTING	NORTHING		REMARKS							
E01	52291.038	169474.289	CIRCULAR	INSTALL NEW PIT							
E02	52293.755	169464.019	CIRCULAR	INSTALL NEW PIT							
E03	52289.011	169462.954	CIRCULAR	INSTALL NEW PIT							
E04	52296.677	169448.943	CIRCULAR	REPLACE EXISTING RECTANGULAR PIT WITH NEW CIRCULAR PIT							
E05	52320.636	169427.098	CIRCULAR	REPLACE EXISTING RECTANGULAR PIT WITH NEW CIRCULAR PIT							
E06	52331.549	52331.549 169428.480		INSTALL NEW PIT							

ALL X-Y COORDINATES ARE INDICATIVE ONLY, CONFIRM COMPLIANCE ON-SITE * IN CONJUNCTION WITH TMR ELECTRICAL INSPECTOR PRIOR TO INSTALL

	NEW FOUIPMENT SCHEDULE												
	NEW EQUIPMENT SCHEDULE												
LOCATION	STN No.	2 ASPECT LANTERN R-Y	PED LANTERN	UPGRADE FINIAL TO SUIT 36 CORE	PUSH BUTTON	REMARKS							
	1			1		INSTALL NEW							
	2			1		INSTALL NEW							
ROAD	3			1 **		INSTALL NEW							
L L L	4			1		INSTALL NEW							
3STE	5			1		INSTALL NEW							
ROAD H WEBSTER	6	1	1		1	INSTALL NEW							
~ 프	7	1				INSTALL NEW							
GYMPIE DN WITH	8	1	1		1	INSTALL NEW							
CIO	9			1		INSTALL NEW							
GYMPIE INTERSECTION WITH	10			1		INSTALL NEW							
ATE	21	1				INSTALL NEW							
_ <i>≤</i>	22	1	1		1	INSTALL NEW							
	23	1	1		1	INSTALL NEW							
TOTAL	-	6	4	7	4								

** STN 3 is a mast arm, upgrade junction box rather than finial

NEW CONDUIT SCHEDULE											
PIT	NO.	ELEC	TRICAL	SURFACE	LENGTH	REMARKS					
FROM	TO	QTY	SIZE	SOULTIOE	(m)						
E01	E02	2	100	ROAD	10	INSTALL NEW					
E02	E03	2	100	CONCRETE	5	INSTALL NEW					
E02	E04	2	100	CONCRETE	15	INSTALL NEW					
E05	E06	2	100	ROAD	11	INSTALL NEW					
				TOTAL:	41						

Refer to Civil Drawings 887548 - 887549 for the Scope of Works relevant to the Civil Works, such as Linemarking, Kerb Ramps and Vegetation Trimming/Clearance/Re-planting.

51pm																	
- 4:						Associated Job No:	L	rvey Data	-		BRISBA	NE CITY C	OUNCIL		1	FRAFFIC	SIGNAL IN
2021						_	Horiz. Datum	\backslash			GYMPIE A	RTERIAL RO	DAD (U14)		1 N	IOTES #	AND SCOPE
pr 30						Auxiliary Drg Nos	Horiz. Grid		NTS		WEBSTER	ROAD INTE	ERSECTION		PITS, CO	NDUITS	AND EQU
						887548 - 887555	Height		1		R	eference Points			Drawn		ENGI
dified :-	Issued For Construction					- 667333	Datum Survey		ORIGINAL SIZE A3	Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	L.KOLARIC Designed L.KOLARIC	ELECTRICAL	
° K	Revisions/Descriptions	Drawn	Checked	Signed	Date		Books	/	except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7	Checked	1	
sol C	AD FILES \\corp.tmr.qld.gov.au\shares\Groups\WHRF-Pro	ojects\201 — E	Brisbane City Cou	ncil (140)\201-l	J14-1095633	Gympie Webster\3_Dev	velopment\[)esign\WM\10_Ele	ctrical\Signals\M1119_877550-877553	A. Gw ough Chain	age from approx. 4	.751km – 4.61km			J.CHUONG	1	

		NEW FOOTI	NG / POST	SCHEDULE
STN No.	COOR	DINATES*	HARDWARE ITEM	REMARKS
5111 110.	EASTINGS	NORTHING	HARDWARE HEW	INEMAINING
6	52320.749	169430.254	PEDESTAL	INSTALL NEW FOOTING AND POST
7	52322.626	169426.213	JOINT USE	INSTALL NEW FOOTING AND POLE, OUTREACH AND LUMINAIRE TO BE INSTALLED IN ROAD LIGHTING WORK PACKAGE
8	52330.309	169429.213	PEDESTAL	INSTALL NEW FOOTING AND POST
21	52287.757	169463.954	PEDESTAL	INSTALL NEW FOOTING AND POST
22	52292.689	169464.517	PEDESTAL	INSTALL NEW FOOTING AND POST
23	52290.258	169474.754	JOINT USE	INSTALL NEW FOOTING AND POLE, OUTREACH AND LUMINAIRE TO BE INSTALLED IN ROAD LIGHTING WORK PACKAGE

* ALL X-Y COORDINATES ARE INDICATIVE ONLY, CONFIRM COMPLIANCE ON-SITE IN CONJUNCTION WITH TMR ELECTRICAL INSPECTOR PRIOR TO INSTALL

			TRAFFIC	SIGNA	L CABLE SCHEDULE
	STAT		CABLE TYPE	LENGTH	REMARKS
	FROM	TO		(m)	
	\bowtie	1	29 CORE	-	REMOVE EXISTING
	\bowtie	21	36 CORE	38	INSTALL NEW
	21	22	36 CORE	19	INSTALL NEW
-	22	23	36 CORE	25	INSTALL NEW
RUN	23	1	36 CORE	44	INSTALL NEW
L R	1	2	36 CORE	33	UPGRADE EXISTING 29 CORE TO 36 CORE
	2	3	36 CORE	29	UPGRADE EXISTING 29 CORE TO 36 CORE
	3	3L	19 CORE	-	UPGRADE EXISTING 14 CORE TO 19 CORE
	3	4	29 CORE	20	UPGRADE EXISTING 29 CORE TO 36 CORE
	\bowtie	5	36 CORE	54	UPGRADE EXISTING 29 CORE TO 36 CORE
2	5	6	36 CORE	16	INSTALL NEW
	6	7	36 CORE	15	INSTALL NEW
RUN	7	8	36 CORE	27	INSTALL NEW
	8	9	36 CORE	56	INSTALL NEW
	9	10	36 CORE	21	UPGRADE EXISTING 29 CORE TO 36 CORE
			TOTAL	397	

		\sqrt{ON}	
	NEW LOOP	SCHEDULE	
LOOP	CABLE TYPE	FEEDER CABLE LENGTH (m)	REMARKS
22	LOOP FEEDER	80	INSTALL NEW
23	LOOP FEEDER	33	INSTALL NEW
\sqrt{O}	TOTAL	113	

SCOPE OF WORKS:

- on this drawing. 5. Provide new cabling as shown in the 'TRAFFIC SIGNAL CABLE SCHEDULE' on this drawing. Runs 3-5 to

NOTES:

- This drawing and certification is limited to the Scope of Works detailed on this drawing. All conduits to be installed at the correct depth.
- 6. 7.
- All conduit entries to pits shall have mechanical protection. Ensure all conduits entries to pits are sealed with foam and fill.
- 8. Co-ordinates shown are indicative only and shall be verified on-site. Final locations to be confirmed on site with TMR Representative.

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Supply & install new 8-Group Lamp Control Module to accommodate the additional signal groups.
 Supply & install new footings and poles as shown in the 'NEW FOOTING/POST SCHEDULE' on this drawing.
 Supply & install new lanterns and hardware as shown in the 'NEW EQUIPMENT SCHEDULE' on this drawing.
 Supply & install new pits and conduits as shown in the 'PIT SCHEDULE' and the 'NEW CONDUIT SCHEDULE'

provide new cabling as shown in the 'TRAFFIC SIGNAL CABLE SCHEDULE' on this drawing. Runs 3-5 to remain as existing.
Supply & install new Vehicle Count Loops 22, 23 as shown on drawing 887550.
Supply a install new Loop Feeder Cable as shown in the 'LOOP SCHEDULE' on this drawing.
Supply and install new EPROM to suit phasing shown.
Supply, install, test and commission all works in accordance with TMR Standard Drawings, Technical Specifications, Technical Notes, Technical Guidelines, AS/NZS 3000:2018 and all other relevant Australian Standards.

1. Prior to commencing work, the Contractor shall engage a suitable qualified person to inspect the full work site for existing asbestos material. If asbestos is found on-site the contractor shall ensure that only a licensed asbestos worker carry out work with or adjacent to asbestos material in a safe manner in accordance with safe MRTS96 and WH&S requirements.

2. The locations of footings, pits and conduits shown on this works plan have been designed using DBYD data and aerial imagery (no pre-design survey conducted). All locations shall be confirmed by the contractor on site arter appropriate underground service locating has been completed. Refer drawing No. 837550-887552 for electrical connection and layout.

THIS DRAWING SUPERSEDES DRAWING No. 236395 Rev L.

PE OF	LLATION WORKS INT SCHEDULES		Site Number M1119	Queensland Government								
IGINEERING	CERTIFICATION (RPEQ)	-		Job No. 20	1/U14/1928208							
	SIGNATURE	No.	DATE	Contract No.	CN-16730							
	NR	269	30.04.2021	Drawing No.	887553 A							
				Series Number	TS-4 of 4							
				•								

LEGEND UNLESS OTHERWISE STATED

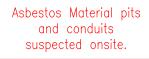
- NEW 1x80mm UPVC CONDUIT NEW 2x100mm UPVC CONDUIT EXISTING 1x80mm UPVC CONDUIT EXISTING 2x100mm UPVC CONDUIT _ _ $\langle 1 \rangle$ STATION NUMBER 175W ROADLED LUMINAIRE TO INSTALL EXISTING 250W HPS LUMINAIRE **H** $\langle PX \rangle$ PIT NUMBER
- NEW POST-TOP MOUNTED SWITCHBOARD 🗖 PT
- NEW CIRCULAR PIT 0
- EXISTING CIRCULAR PIT 0
- EXISTING No.4 PIT
- EXISTING No.7 PIT - No.7

۲

- EXISTING TRAFFIC SIGNAL CONTROLLER ✍
- EXISTING POWER POLE
- NEW TERMINATION BOX (POS)
- TMR FIBRE COMMS ROUTE
- ADVANCED FLASHER CABLE ROUTE



WARNING



DATE: 29 FEBRUARY 2021

GERARD ROADLED - AERO

LIGHTING DESIGN COMPLIANCE CERTIFICATE THIS LIGHTING DESIGN COMPLIES GENERALLY WITH THE NOMINATED SUB-CATEGORY OF AS/NZS 1158.3.1:2005.

٧3

-- .--.

NAME: LEONA KOLARIC

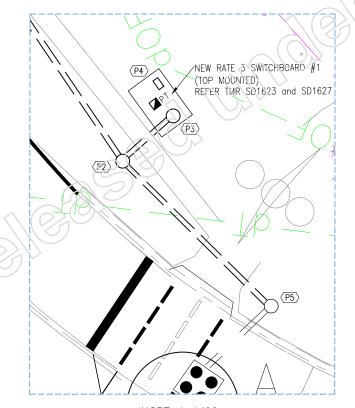
LIGHTING SUB-CATEGORY LUMINAIRE DETAILS: MANUFACTURER & MODEL TYPE & WATTAGE

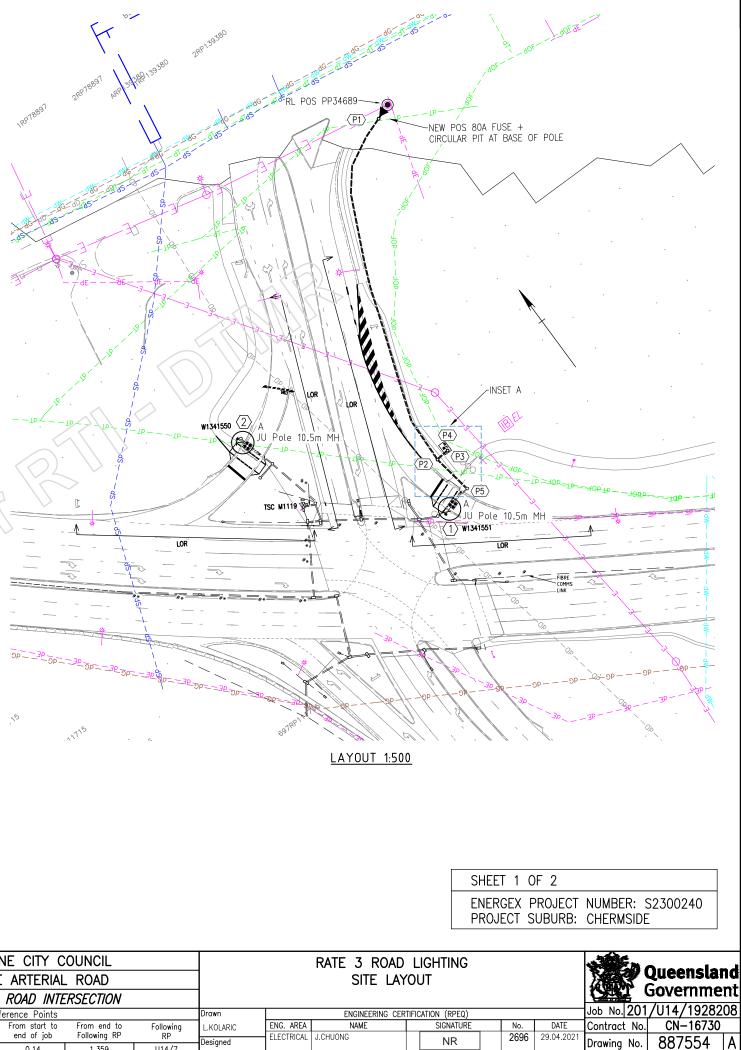
TYPE & WATTAGE I-TABLE INITIAL LUMENS	LED 175W ROADLED 175W 4K 02A AERO 216150M 21400
COMPUTER DESIGN DETAILS:	SYLVANIA ROADSTER - PHILIPS LIGHTI HPS S250C, & S150C 98100.cie, & 98207.cie 27, 500 & 14,500
AS1158.2.2005 COMPLIANT S/WARE	PERFECT LITE

TITLE: PRINCIPAL DESIGNER (ELECTRICAL

SOURCE OF PROGRAM WADELLO PTY LTD MAINTENANCE FACTOR 0.75 HPS. 0.8 LED ROAD REFLECTION CLASS N/A ALL LIGHTING CALCULATIONS ARE AVAILABLE UPON REQUEST.

FOR LIGHTING ARRANGEMENT, SPACINGS, MOUNTING HEIGHTS, OUTREACH DETAILS AND SIGNIFICANT ROAD FEATURES, REFER TO DRAWING.





DBYD SERVICES

--dt---dt---- DBYD TELECOMMUNICATIONS UG --dg---dg---- DBYD GAS UG ---ds---ds---- DBYD SEWER MAIN UG E-E-E-E-E-E-E-EXISTING ELECTRICITY OH DBYD WATER MAIN UG

RATE 3 NOTES:

- Lighting Scheme to comply with AS/NZS 1158:2005 and AS/NZS 3000:2018. Lighting Design Compliant to Category V3 of AS/NZS 1158.1:2005 within the 2. extents of LOR.
- Lighting Scheme to comply with TMR RPDM Vol 6 2nd Ed. Lighting Scheme to comply with DMR Standard Specifications MRTS 91, MRTS 4 92, MRTS 94, MRTS 256.
- Installation to comply with AS/NZS 1158..1.1:2005, AS/NZS 3000:2018 and 5. TMR Rate 3 Design Requirements.
- All materials and methods to conform with current TMR Standard Drawings and Specifications including MRTS91, MRTS92, MRTS94, MRTS210, MRTS228, 6. MRTS256
- Refer TMR SD1627 for switchboard slab layout and construction details. Luminaires at all stations shall be at right angles to the carriageway. Refer TMR SD1677 for detailed joint-use electrical wiring details and SD1327 8 9 for mains connections details.
- 10. For traffic signal requirements refer drawing no. 887553.
- Fus events again requirements for a range of source of source of the sour compliance.

SCOPE OF WORKS:

- Joint—use poles and footings to be installed under Traffic Signal Work Package. Refer to drawings 887550—887553. Refer to drawing 887555 for road lighting schedules and schematic.
- 2. Supply and installed new switchboard as per TMR SD Drawing 1623 and 1627. 3. Supply and install new conduit as shown in layout and schedule. Footpath
- reinstatement required. Refer to Civil Work Package for details. 4. Supply & install new road lighting outreaches and luminaires as shown in
- layout and schedule. 5. Supply and install new cabling and switchgear as shown in layout and schedule. 6. Supply, install, test and commission all works in accordance with TMR Standard
- Drawings, Technical Specifications, Technical Notes, Technical Guidelines, AS/NZS 3000: 2018 and all other relevant Australian Standards.

								<u>INSET A 1:100</u>							
					Associated Job Nos	Si	urvey Data	Scales		BRISBA	NE CITY C	OUNCIL			RATE 3 ROA
					_	Horiz. Datum		0 5 10 15 20m		GYMPI	E ARTERIAL	ROAD		1	SITE LA
					Auxiliary Drg Nos	Horiz. Grid			CTL CHGE	WEBSTER	r road inte	RSECTION			
						Height		0 1 2 3 4m		R	eference Points			Drawn	ENGINEERING C
	Issued For Review				-	Datum			Preceding	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	L.KOLARIC	ENG. AREA NAME
А					_	Survey		Dimensions shown in metres		, , ,	,			Designed	ELECTRICAL J.CHUONG
	Revisions/Descriptions	Name or RPEQ No.	Signature	Date		Books		except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7	L.KOLARIC	
CAE	D FILES \\corp.tmr.gld.gov.au\shares\Groups\WHRF-Projects	s\201 — Brisbane City C	ouncil (140)\20)1-U14-10	095633 Gympie Webster	3_Develo	pment\Design\WW	N10_Electrical\Lighting\Rate 3.dwg	Through Chainad	ge from approx. 4	.751km – 4.611km			LINULARIC	

Page Number: 270 of 333

Series Number

RL-1 of 2

		UN	DEF	RGR	001	ND ELECTRICAL CABLE	SCHEDUL	.E	
LOCATION	STATIONS FROM TO	VOLTS	ΕX	REC	IN	CABLE SIZE/TYPE	PART NO. SD 1699	TOTAL LENGTH	REMARKS
	POS-SB	SL			Х	25mm 2C XPLE/PVC	029	120m	New Cable to be installed
	SB-STN 1	SL			χ	16mm 2C XLPE/PVC	022	44m	New Cable to be installed
GYMPIE RD & WEBSTER RD	STN 1 - STN 2	SL			Х	16mm 2C XLPE/PVC	022	89m	New Cable to be installed
GINFIL ND & WEDSIER ND	STN 1 - 1	SL			х	4mm 2C PVC/PVC + 6mm EARTH PVC/PVC	016, 018	6m	New Cable to be installed
	STN 2 - 2	SL			Х	4mm 2C PVC/PVC + 6mm EARTH PVC/PVC	016, 018	5m	New Cable to be installed

				CIRCUIT SCHED	ULE				
LOCATION/SWITCHBOARD	CIRCUIT	PHASE	STATIONS	LOAD	TOTAL START	TOTAL RUN		MINIMUM CONDUCTOR SIZE	REMARKS
GYMPIE RD & WEBSTER RD	1L1	A	1,2	2X175W LED	1.54A	1.54A	20A	16mm² 2C XLPE/PVC	New Switchboard To Be Installed

		707	COND	UIT SCHEDU	JLE	
Ri FROM	IT NO. 10	QUANTITY	CONDUIT DIA. (mm)	USAGE	LENGTH (m)	COMMENTS
P1	P2	2	100	ELECTRICAL	20	INSTALL NEW
P2	P3	2	100	ELECTRICAL	5	INSTALL NEW
 P2	P5	2	100	ELECTRICAL	6	INSTALL NEW

		(CO-ORD		OUT - PITS en to the centre of pit) *
	COORE	DINATES		
PIT NO.	EASTING	NORTHING	TYPE	COMMENTS
P1	52374.233	169522.058	CIRCULAR	INSTALL NEW
P2	52329.414	169439.125	CIRCULAR	INSTALL NEW
P3	52332.966	169439.466	CIRCULAR	INSTALL NEW
P4	52333.354	169441.290	TYPE 3 EARTH	INSTALL NEW
P5	52331.189	169428.343	CIRCULAR	INSTALLED IN TRAFFIC SIGNALS WORK PACKAGE

* X-Y Coordinates are indicative only, confirm compliance on site in conjuction with TMR representative.

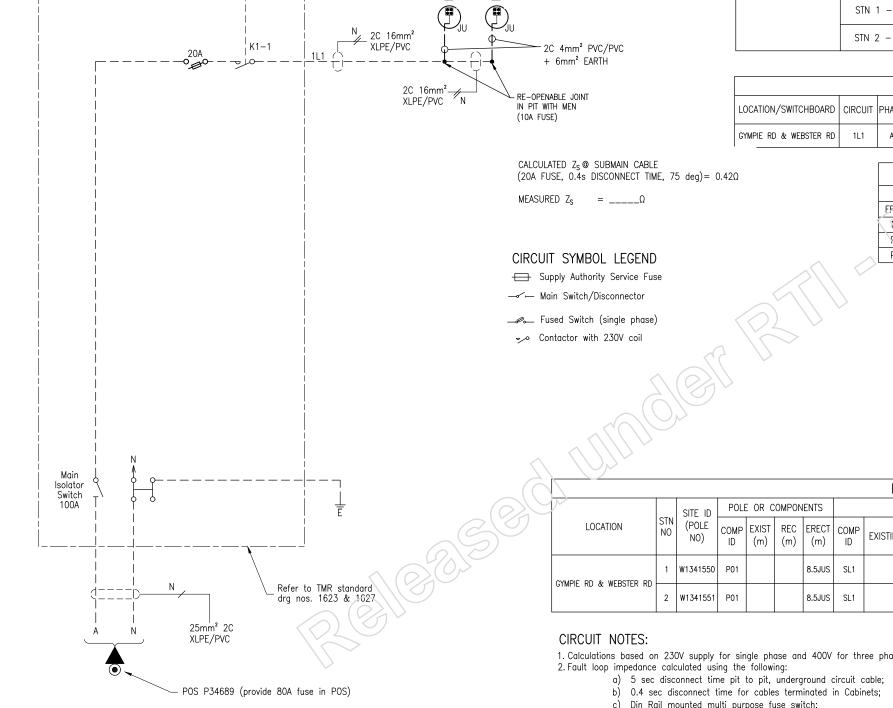
\rightarrow :																		
\bigcirc									RO	AD LIGH	TING	SCHEDUL	E					
)	M		SITE ID	POLI	E OR C	OMPON	IENTS		LUMINAIRE OUTREACH BRACKET MOUNT									
	LOCATION	STN NO	(POLE	СОМР	EXIST	REC	ERECT	COMP	EXISTING	RECOVER		ERECT		EXIST	REC	ERECT	HEIGHT	REMARKS
			NO)	ID	(m)	(m)	(m)	ID	EXISTING	LUMINAIRE CUST		LUMINAIRE	CUST	(m)	(m)	(m)	(m)	
	GYMPIE RD & WEBSTER RD	1	W1341550	P01			8.5JUS	SL1				GERARD ROADLED 175W	DMR			3.0	10.5	INSTALL NEW O/R & LUMINAIRE, JU POLE INSTALLED UNDER TRAFFIC SIGNAL WORK PACKAGE.
	UIMFIE NU & WEDSIER KU	2	W1341551	P01			8.5JUS	SL1				GERARD ROADLED 175W	DMR			3.0	10.5	INSTALL NEW O/R & LUMINAIRE, JU POLE INSTALLED UNDER TRAFFIC SIGNAL WORK PACKAGE.

1. Calculations based on 230V supply for single phase and 400V for three phase. 2. Fault loop impedance calculated using the following:

- - a) 5 sec disconnect time pit to pit, underground circuit cable;
 - b) 0.4 sec disconnect time for cables terminated in Cabinets;
 - c) Din Rail mounted multi purpose fuse switch; d) Trip current, Ia in accordance with AS/NZS3000:2018.
- 3. Fault loop impedance shall be measured and confirmed compliant with TRUM volume 4 part 8 and AS/NZS3000 by installing electrical contractor. Max allowable fault loop impedance shall be as specified in TRUM volume 4 part 8

л Т				CO	ntractor. Max allow	wable fault loo	p impedance sha	II be as specified	d in TRUM Volu	me 4 Part 8	and AS/NZSSOOD by installing electrical : designer before circuit is energised.	SHEET	2 OF 2		
pm XREFS				5. Vo	ltage drop calcula currents: 175W LE	ations based or	n the following st							CT NUMBER: B: CHERMSI	S2300240 DE
- 3:56		Associated Job N	os Survey	y Data Scales		BRISB	ANE CITY C	OUNCIL			RATE 3 ROAD LIGHTING			STAR .	
, 2021			Horiz. Datum			GYMP	E ARTERIAL	. ROAD			SITE LAYOUT				ueensland
Apr 29		Auxiliary Drg No	os Horiz. Grid	NTS	CTL CHGE	WEBSTE	r road inte	RSECTION						A REAL PROPERTY OF A REAL PROPER	
\downarrow		_	Height			F	eference Points			Drawn	ENGINEERING CERTIFICATION (RPEQ)			JOD NO. ZUI	/U14/1928208
			Datum		Preceding	Dist. to start	From start to	From end to	Following	L.KOLARIC	ENG. AREA NAME SIGNATUR			Contract No.	CN-16730
jij A	Issued For Review		Survey	Dimensions shown in metres	RP	of job (km)	end of job	Following RP	RP	Designed	ELECTRICAL J.CHUONG NR	269	6 29.04.2021	Drawing No.	887555 A
× I	Revisions/Descriptions Name or RPEQ No. Signature Date		Books	except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7					-	007000 A
S CAD	FILES \\corp.tmr.qld.gov.au\shares\Groups\WHRF-Projects\201 - Brisbane City Council (140)\201-U14-1	095633 Gympie Webst	er\3_Developmer	nt\Design\WM\10_Electrical\Lighting\Rate 3.dwg	Through Chainage	e from approx.	.751km - 4.611km			L.KOLARIC				Series Number	RL-2 of 2

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 $\langle 1 \rangle$

PE

NEW RATE 3 SWITCHBOARD 1

CIRCUIT SCHEMATIC



Ho Yee

Please go ahead with the design change and approval process.

Thanks

Ram

Get Outlook for Android

From: Ho Y Lam <Ho.Y.Lam@tmr.qld.gov.au> Sent: Wednesday, May 19, 2021 1:28:34 PM To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>

Cc: Colin J Campbell <Colin.J.Campbell@tmr.qld.gov.au>; David P Gough <David.P.Gough@tmr.qld.gov.au>

Subject: RE: Gympie and Webster IFT drawings and schedules

Hi Ram and Sina,

We have talked electrical designer and RPEQ and confirmed that we can use JU at station 8 with 3m outreach and make station 7 a 4.1m post even though lighting level does not change compared to existing design (station 7 is a JU and station 8 is a 4.1m post).

However this will delay the Energex approval process (which we are going through at the moment for the current design because we will need to seek BCC's approval first (one or two weeks for them to review at least) and then Energex for permission to connect to their power supply (one week minimum to issue PLSA). This may mean that RoadTek cannot get the approval to physically connect to the power supply from Energex before end of June 2021 (which takes another 2-3 weeks after Energex issue PLSA).

Can you please advise whether you wish to update the drawings and restart the approval process from BCC and Energex?

Thanks

Regards,

Ho-Yee Lam

Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qid 4004 M: NR ho.y.lam@tmr.qld.gov.au

1585631465774

Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Ho Y Lam

Sent: Tuesday, 18 May 2021 5:26 PM

To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; Sina Z.Louei@tmr.qld.gov.au> C: Colin J Campbell <Colin J.Campbell@tmr.qld.gov.au>: David P Gough <Davi J.P.Gough@tmr.qld.gov.au>

Subject: RE: Gympie and Webster IFT drawings and schedules

Hi Ram and Sina.

As discussed and agreed, I will ask the electrical designer to check whether it is possible to use longer outreach to meet the design requirement if we use JU at station 8.

This will take about a day's work (7.25 hours) and I will get back to you Thursday morning

Thanks

Regards,

Ho-Yee Lam

Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

Floor 12 | Adelaide Street (313) | 313 Adelaide Street | South Will Old 4000

M: NR ho.y.lam@tmr.qld.gov.au

www.tmr.qld.gov.au

1585631465774

Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Ho Y Lam

Sent: Fuesday, 18 May 2021 12:28 PM

 To: Ram Ramachandran < Kanagaratnam.Z.Ramachandran@tmr.old.gov.au>; Sina Z Louei < Sina.Z.Louei@tmr.old.gov.au>

 Cc: Colin J.Campbell < Colin J.Campbell@tmr.old.gov.au>; David P Gough < David.P.Gough@tmr.old.gov.au>

 Subject: RE: Gymple and Webster IFT drawings and schedules

Hi Ram and Sina,

We have tried placing the JU at station 8 (that is, on the inside of the curve of slip lane) but the diverge on the slip lane will not be adequately lit.

We can investigate moving the poles around again but this will delay Energex's approval for construction because we will need to develop a new design, go back to BCC for review and approval (they can take a week or two) and then resubmit to Energex for approval. We have already submitted the paperwork for Energex's approval since BCC gave us the approval last week.

Happy to discuss if you would like to investigate more options and I can organise a time/cost proposal for the variation.

Page Number: 272 of 333

Please let me know if you have any questions

Regards Ho-Yee Lam gineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qlo M NR ho.y.lam@tmr.qld.goy.au www.tmr.gld.gov.au 1585631465774 Crossing at traffic lights? Don't touch the button, elbow bump it instead! From: Ho Y Lam Sent: Tuesday, 18 May 2021 10:20 AM To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.gld.gov.au>; Sina Z Louei <Sina.Z.Louei@tmr.gld.gov.au> Cc: Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>>; David P Gough <<u>David.P.Gough@tmr.qld.gov.au</u>> Subject: RE: Gympie and Webster IFT drawings and schedules Thanks Ram for your response We are checking that one now. Thanks. Regards Ho-Yee Lam gineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Old 4000 Hill Old A PO Box 70 | Spring M: NR ho.y.lam@tmr.qld.gov.au www.tmr.qld.gov.au 1585631465774 Crossing at traffic lights? Don't touch the button, elbow bump it instead! From: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Sent: Tuesday, 18 May 2021 10:02 AM To: Ho Y Lam <<u>Ho.Y.Lam@tmr.old.gov.au</u>>; Sina Z Louei <<u>Sina.Z.Louei@tmr.old.gov.au</u>>; Cc: Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>>; David P Gough <<u>David.P.Gough@tmr.qld.gov.</u> Subject: Re: Gympie and Webster IFT drawings and schedules Ho Yee Thanks for your prompt response. Lighting design wise is there any issue in installing JUP on the inside of the varve of slip lane please? With 3m outreaches the luminair will be at same position above the slip lane anyway? Thanks Ram Get Outlook for Android From: Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>> Sent: Tuesday, May 18, 2021 9:32:51 AM To: Sina Z Louei <Sina.Z.Louei@tmr.gld.gov.a Cc: Ram Ramachandran <Kanagaratnam.Z.Ramach @tmr.qld.gov.au>; Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>>; David P Gough <<u>David.P.Gough@tmr.qld.gov.au</u>> Subject: RE: Gympie and Webster IFT drawings and schedules Hi Sina Thanks very much for your feedback Here are the responses to your feedback;

· Changing the conduits to the supply pole from two to one are fine

- Can you please clarify what the safety concerns are in relation to signal poles 7 and 8? The team have investigated about your concern in relation to signal poles 7 and 8 and advised the following
 • This is a low speed environment when exiting Ellison side of Webster Road. Car drivers have to prepare to stop at the pedestrian crossing and then giveway before entering Gympie
 - Arterial Road.
 - A slightly over the limit speeding vehicle driver is likely to be choosing an inside alignment (nearer to pole 8) if they unwise choose to speed through this site. There is a lot lower probability that a driver will hit a pole (7) on the slip island from this perspective.
 - No overhead services exist at station 7 and 8 locations (refer to Signals drawings)... I assume if there had been an issue, RPEQ engineer would have raised it during his review/checking. I measured in CAD...urrent island is not modified as far as I know and it is 1.17m offset between centre of the JU pole (station 7) and kerb top.

Please let me know if you have any questions.

Regards

Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000

ov.au ho.v.la

www.tmr.qld.gov.au

1585631465774

Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Sina Z Louei <<u>Sina Z.Louei@tmr.qld.gov.au</u>> Sent: Monday, 17 May 2021 6:14 PM To: Ho Y Lam <<u>Ho.Y Lam@tmr.qid.gov.au</u>>; Colin J Campbell<<u>Colin.J.Campbell@tmr.qld.gov.au</u>> Cc: Ram Ramachandran <<u>Kanagaratnam.Z Ramachandran@tmr.qld.gov.au</u>> Subject: RE: Gympie and Webster IFT drawings and schedules

Hi Ho Y, Colin,

One last comment that slipped but needs to be considered:

Drawing 887554: Could we please reduce the new conduit that we running from Pole 45491 (currently shown as New 2x100mm UPVC Conduit) to one (New 1x100mm UPVC Conduit) instead of two? Is there a reason on why we have 2x100mm?

Kind regards, Sina Louei

From: Sina Z Louei

Sent: Monday, 17 May 2021 3:04 PM To: Ho Y Lam <<u>Ho:Y Lam@tmr.cid(gov.au</u>>; Colin J Campbell <<u>Colin J.Campbell@tmr.qid.gov.au</u>> Cc: Ram Ramachandran <<u>Kanagaratnam.Z Ramachandran@tmr.qid.gov.au</u>> Subject: RE: Gympie and Webster IFT drawings and schedules

Hi Ho Y,

Thank you very much for sending the missing drawings. We just had our pre-construction meeting on site and there were few points that was raised. I would appreciate it if you could respond to these and send us the final drawings.

Please revise the title block on the following drawings to IFC as we only have the IFT:
 o 887548

• 887549

• Revise the pole number from PP34689 to 45491 (Drawing 887554). Please see below photo of the location and photo taken today:

0		
	The second	
Q		

• Lighting design: Due to safety reasons, can we amend our lighting design for pole 7 and 8 to be swapped? Pole 7 is a joint use pole and located on the island and pole 8 is pedestal (smaller than joint use pole). For safety reasons, it would be better to have the pedestal pole on the island.

I would appreciate it if you could please amend these changes and issue the final IFC drawings.

Please note that the contractor is planning to start next week.

Kind regards,

Sina Louei

From: Ho Y Lam <Ho,Y,Lam@tmr.gld.gov.au> Sent: Monday, 17 May 2021 9:13 AM To: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>; Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>> Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Subject: RE: Gympie and Webster IFT drawings and schedules

Hi Sina,

Please find attached IFC signal drawings.

Regards,

Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

1585631465774

Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>> Sent: Monday, 17 May 2021 9:08 AM To: Colin J Campbell <<u>Colin J.Campbell@tmr.qld.gov.au</u>> Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Ho Y Lam <<u>Ho Y.Lam@tmr.qld.gov.au</u>> Subject: RE: Gympie and Webster IFT drawings and schedules Importance: High

Good morning Colin,

I hope you are well and had a great weekend.

Are you able to send me the traffic signals drawings (887550 to 887553)? The contractor needs these drawings ASAP.

Kind regards, Sina Louei
From: Colin J Campbell < <u>Colin J.Campbell@tmc@d.gov.au></u>
Sent: Friday, 30 April 2021 1:14 PM To: Sina Z Louei < <u>sina Z. Louei@tmr.cid.gov.au></u>
10: sina 2 Lober < sina 2 Lober < sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober sina 2 Lober and 2 Lober and 2 Lober sina 2 Lober and 2 Lober
Subject: Gympie and Webster IFT drawing: and schedules
Hi Sina,
Please find attached the IFT drawings and schedule for Gympie and Webster Slip Lane Ped Protection.
If you have any questions, please contact me on the below numbers for assistance.
Colin Campbell Principal Designer (CiVil) Metropolitan Region / Technical Services
Program Delivery and Operations Infrastructure Management & Delivery Department of Transport and Main Roads
PO Box 70+ Spring Hill Old /604 (07) 306b-5558
colin_i.campbel/@thts.gld.gov.au
www.tmr.qb(gov.av

Page Number: 275 of 333

Sina Z Louei

From:	Janelle L Cash
Sent:	Wednesday, 19 May 2021 7:31 PM
То:	Victor D Jayawardana
Cc:	Sina Z Louei; Metropolitan Costing; Ram Ramachandran
Subject:	Re: PCA - 1928208

Thank you Victor much appreciated. Victor you also now have Financial Delegation for \$500k in 3PCM, you didn't have it until now Cheers Janelle.

Sent from my iPad

On 19 May 2021, at 5:04 pm, Victor D Jayawardana <Victor.D.Jayawardana@tmr.qld.gov.au> wrote:

Hi Janelle/Sina It is Approved.

Kind Regards

Victor Jayawardana A/Principal Engineer (Delivery) | Metropolitan Region Program Delivery and Operations | Department of Transport and Main Roads Floor 15 | Brisbane City - 313 Adelaide Street | 313 Adelaide Street | Brisbane City Qld 4000 PO Box 70 | Spring Hill Qld 4004 P: 3066 1323 M: NR E: victor.d.jayawardana@tmr.qld.gov.au W: www.tmr.qld.gov.au

From: Janelle L Cash <janelle.l.cash@tmr.qld.gov.au>
Sent: Wednesday, 19 May 2021 4:41 PM
To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; Sina Z Louei
<Sina.Z.Louei@tmr.qld.gov.au>; Victor D Jayawardana <Victor.D.Jayawardana@tmr.qld.gov.au>
Cc: Metropolitan Costing <Metropolitan_Costing@tmr.qld.gov.au>
Subject: RE: PCA - 1928208

Good afternoon all,

It is now with Victor for his approval and then we will have a FAP.

Metro Costing I will come and see you tomorrow about sending out the email to RoadTek with the ISWO.

Cheers Janelle.

From: Metro Project Controls Inbox <<u>Metro.Project.Controls@tmr.qld.gov.au</u>>
Sent: Wednesday, 19 May 2021 9:05 AM
To: Janelle L Cash <<u>janelle.l.cash@tmr.qld.gov.au</u>>; Ram Ramachandran
<<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Cc: Metro Project Controls Inbox <<u>Metro.Project.Controls@tmr.qld.gov.au</u>>
Subject: FW: PCA - 1928208

Good Morning All,

The PCA on project 1928208 has now been approved and updated in the system

Sincerely

Jamie Popple Advisor (Project Controls) | Metropolitan Region Program Delivery and Operations Branch | Infrastructure Management & Delivery Division | Department of Transport and Main Roads

Floor 12 /313 Adelaide Street/ Brisbane Qld 4001 PO Box 70/Spring Hill/Qld 4004 P: (07) 30665692| E: jamie.p.popple@tmr.qld.gov.au W: www.tmr.qld.gov.au

From: PIP Program Approvals <<u>PIP Program Approvals@tmr.qld.gov.au</u>> Sent: Wednesday, 19 May 2021 8:56 AM To: Jamie H Nia Nia <<u>Jamie.H.NiaNia@tmr.qld.gov.au</u>> Cc: Metro Project Controls Inbox <<u>Metro.Project.Controls@tmr.qld.gov.au</u>>; PIP Program Approvals <<u>PIP_Program_Approvals@tmr.qld.gov.au</u>> Subject: RE: PCA - 1928208

Hi Jamie,

The PCA for project 1928208 has been approved and the PCA record has been updated in Unifier.

Thanks

Rachelle Scarr

Program Approvals Program, Funding & Analysis | Funding & Approvals Portfolio Investment & Programming Branch | Department of Transport and Main Roads

Floor 16 | 61 Mary Street | Brisbane Qid 4000 GPO Box 213 | Brisbane Qid 4001 P: (07) 30663680 E: <u>PIP Program Approvals@tmr.qid.gov.au</u> W: <u>www.tmr.qid.gov.au</u> Available: Wednesday, Thursday & Friday

From: Jamie H Nia Nia <<u>Jamie.H.NiaNia@tmr.qld.gov.au</u>> Sent: Tuesday, 18 May 2021 4:08 PM To: PIP Program Approvals <<u>PIP_Program_Approvals@tmr.qld.gov.au</u>> Subject: **RACHELLE**RE: PCA - 1928208

Hey Leisa,

If you are able to escalate? We have a commitment to have works delivered by 30 June.

Thanks Jamie

Jamie Nia Nia A/Senior Program Advisor (Project Controls)| Metropolitan Region Program Delivery and Operations Branch | Infrastructure Management and Delivery | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 (07) 3066 6192 jamie.h.niania@tmr.qld.gov.au www.tmr.qld.gov.au

From: PIP Program Approvals <<u>PIP_Program_Approvals@tmr.qld.gov.au</u>> Sent: Tuesday, 18 May 2021 3:35 PM To: Jamie H Nia Nia <<u>Jamie.H.NiaNia@tmr.qld.gov.au</u>> Cc: PIP Program Approvals <<u>PIP_Program_Approvals@tmr.qld.gov.au</u>> Subject: RE: PCA - 1928208

Hi Jamie,

I envisage we will have approval this week.

If there is any urgency, please let me know and I can follow up the request.

Thanks Leisa

Program Approvals

Program, Funding & Analysis | Funding & Approvals Portfolio Investment and Programming Branch | Department of Transport and Main Roads

Floor 16 | 61 Mary Street | Brisbane Qld 4000 GPO Box 1412 | Brisbane Qld 4001 P: (07) 3066 3824 E: <u>PIP_Program_Approvals@tmr.qld.gov.au</u> W:<u>www.tmr.qld.gov.au</u>

From: Jamie H Nia Nia <<u>Jamie.H.NiaNia@tmr.qld.gov.au</u>> Sent: Tuesday, 18 May 2021 10:25 AM To: PIP Program Approvals <<u>PIP Program Approvals@tmr.qld.gov.au</u>> Subject: RE: PCA - 1928208

Hi Rachelle,

Thanks for that, are we able to get an estimate of how long approvals may take?

Thanks Jamie

Jamie Nia Nia A/Senior Program Advisor (Project Controls)| Metropolitan Region Program Delivery and Operations Branch | Infrastructure Management and Delivery | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 (07) 3066 6192 jamie.h.niania@tmr.qld.gov.au www.tmr.qld.gov.au From: PIP Program Approvals <<u>PIP Program_Approvals@tmr.qld.gov.au</u>> Sent: Thursday, 13 May 2021 2:41 PM To: Jamie H Nia Nia <<u>Jamie.H.NiaNia@tmr.qld.gov.au</u>> Cc: PIP Program Approvals <<u>PIP_Program_Approvals@tmr.qld.gov.au</u>> Subject: RE: PCA - 1928208

Hi Jamie,

We are currently seeking PCA from the ED for this project. It is currently going through the approval process.

Thanks

Rachelle Scarr

Program Approvals Program, Funding & Analysis | Funding & Approvals Portfolio Investment & Programming Branch | Department of Transport and Main Roads

Floor 16 | 61 Mary Street | Brisbane Qld 4000 GPO Box 213 | Brisbane Qld 4001 P: (07) 30663680 E: <u>PIP_Program_Approvals@tmr.qld.gov.au</u> W: <u>www.tmr.qld.gov.au</u> **Available: Wednesday, Thursday & Friday**

From: Jamie H Nia Nia <<u>Jamie.H.NiaNia@tmr.qld.gov.au</u>> Sent: Thursday, 13 May 2021 2:32 PM To: PIP Program Approvals <<u>PIP_Program_Approvals@tmr.qld.gov.au</u>> Subject: PCA - 1928208

Hello,

Can I please get an update on the PCA status on 1928208? Funding is in next year, however works have been accelerated and we are wanting to award contract.

Thanks Jamie

Jamie Nia Nia

A/Senior Program Advisor (Project Controls)| Metropolitan Region **Program Delivery and Operations Branch** | Infrastructure Management and Delivery | Department of Transport and Main Roads

PO Box 70 | Spring Hill Old 4004 (07) 3066 6192 jamie.h.niania@tmr.old.gov.au www.tmr.qld.gov.au

From:	Ho Y Lam
To:	Ram Ramachandran; David P. Gough; Colin J. Campbell; Toby L. Tsai; Sina Z. Louei; Arielle R. Bangalan; Abu Sayeed S. Choudhury; Victor D. Jayawardana; Michael J. Bastianon
Subject:	20210525 Meeting minutes - Fortnightly progress meeting for Federal Stimulus SRS & TRSP projects
Date:	Tuesday, 25 May 2021 4:08:07 PM
Attachments:	image002.png
_	image003.png
	NR

Hi everyone,

Here are the meeting minutes for today. Please let me know if I miss anything. Thanks.

Attendees:

Delivery: Toby Tsai, Sina Louei, Abu Choudhury, Ram Ramachandran, Victor Jayawardana, Michael Bastianon, Sina Louei Technical Services: Ho-Yee Lam, David Gough, Colin Campbell

Time: 1pm to 2:10pm

Projects	Project Manager	Priority	Meeting notes:
Tojetto	(Delivery)	inonty	
			NR
Gympie/Ellison/Webster (Portion 1)	Sina Louei	A1 (30 Apr 2021)	 Portion 1 IFC civil drawings and schedule issued to Delivery. Ram requested changes to lighting for portion 1. Approval process is ongoing
Gympie/Ellison/Webster (Portion 2)	Sina Louei	B0 (31 Oct 2021)	 Portion 2 survey - \$5000 estimated cost -> Ram agrees to proceed. Colin to send survey scope to David is proceed. No crossing on western and southern approaches -> Discussed with Delivery and Ram confirms that no works around the area and there is no existing footpath at the western corner. Agreed Scope Double entry side pits in the median and pushed further up the road Ponding on the ped ramp -> Install pit and water pipe to drain water Delivery to talk to Maintenance about trimming of trees along Gympie Road (Design Services to provide scope) Look into grade of the median Lighting design at the middle crossing
			NR

Regards,

Ho-Yee Lam

Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

ho.y.lam@tmr.qld.gov.au www.tmr.qld.gov.au

1585631465774

Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Ho Y Lam

Sent: Tuesday, 11 May 2021 1:44 PM

To: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; David P Gough <David.P.Gough@tmr.qld.gov.au>; 'Colin J Campbell' <Colin.J.Campbell@tmr.qld.gov.au>; Toby L Tsai <Sung-Lin.F.Tsai@tmr.qld.gov.au>; Brandon Z Le (brandon.z.Le@tmr.qld.gov.au) <brandon.z.Le@tmr.qld.gov.au>; Sina Z Louei <Sina.Z.Louei@tmj.qld.gov.au>; Arielle R Bangalan <Arielle.R.Bangalan@tmr.qld.gov.au>; Abu Sayeed S Choudhury <AbuSayeed.S.Choudhury@tmr.qld.gov.au>; Victor D Jayawardana <Victor.D.Jayawardana@tmr.qld.gov.au> Subject: 20210511 Meeting minutes - Fortnightly progress meeting for Federal Stimulus SRS & TRSP projects

Hi everyone,

Here are the meeting minutes for today. Flease iet me know if I miss anything. Thanks.

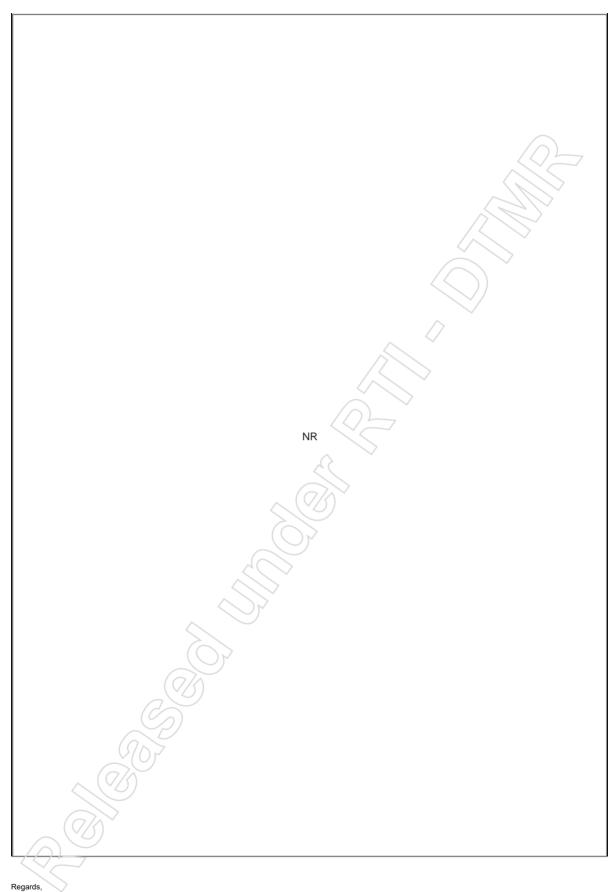
Attendees:

Delivery: Toby Tsai, Sina Louei, Abu Chouchury, Ram Ramachandran, Victor Jayawardana **Technical Services:** Ho-Yee Lam, David Gough, Colin Campbell

Time:	1pm	to	1:32pm
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Projects	Ð	Project Manager (Delivery)	Priority	Meeting notes:
	\geq			NR
Gympie/Ellison/Webster (Po	ortion	Sina Louei	A1 (30 Apr 2021)	Portion 1 IFT drawings and schedule issued to Ram. IFC drawings to be issued ASAP.
Gympie/Ellison/Webster (Po 2)	ortion	Sina Louei	B0 (31 Oct 2021)	Colin to compile questions on portion 2 and send to Ram by end of this week
				NR

NR



Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 M: NR ho.y.lam@tmr.qld.gov.au

Sina Z Louei

From: Sent: To: Cc: Subject: Sang V To Thursday, 20 May 2021 9:07 AM Sina Z Louei Ram Ramachandran; Peter N Calligeros; Matthew A Baylis; Bruce A Sielaff RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sina,

I am hoping to start Gympie/Webster next week if all goes well.

With regards to invoicing for this month, there is only a few thousand dollars in our system for this job so it is not worth raising an invoice on the job.

I know that you want to spend the money by the end of the financial year but you will get a massive bill in June .

Kind Regards,

Sang To Project Manager BEng MIEAust CPEng NER RPEQ APEC (Electrical) | Brisbane Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

10 Oregon Street | Hemmant Qld 4174 M: NR sang.v.to@tmr.qld.gov.au www.tmr.qld.gov.au

ThinkSAFE, WorkSAFE, StaySAFE



Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Sina Z Louei <Sina.Z Louei@tmr.qld.gov.au>

Sent: Thursday, 20 May 2021 8:50 AM

To: Sang V To <Sang.V.To@trnr.qld.gov.au>

Cc: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; Peter N Calligeros

<peter.n.calligeros@tmr.qld.gov.au>; Matthew A Baylis <Matthew.A.Baylis@tmr.qld.gov.au>; Bruce A Sielaff
<Bruce.A.Sielaff@tmr.qld.gov.au>

Subject: RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sang,

I am contacting you in relation to Gympie/Webster Road Project (CN-16730) to provide an update on the items we discussed during the site inspection on 17th of May 2021. Please see below for your information:

Items raised during site visit	Affected drawing	Designer response	Action moving forward
1 – The title block on drawings will be updated to IFC from IFT	887548 and 887549	These drawings will be updated and reissued.	The IFC drawings will be finalised and issued to RoadTek.
2 - Revise the pole number from PP34689 to 45491	All drawings	This drawing will be updated and reissued.	The revised IFC drawings will be finalised and issued to RoadTek.
3 – Swap pole 7 and 8	All drawings	The designers have confirmed that we can use JU at station 8 with 3m outreach and make station 7 a 4.1m post even though lighting level does not change compared to existing design (station 7 isa JU and station 8 is a 4.1m post). Please note that since we changing the design, we will need to start over the process of approval through BCC and Energex again which will delay the submission of the revised IFC drawings by (1-2 weeks).	 The IFC drawings will be finalised and issued to RoadTek. This may mean that RoadTek cannot get the approval to physically connect to the power supply from Energex before end of June 2021 (which takes another 2-3 weeks after Energex issue PLSA).
4 –Reduce the new conduit that we running from Pole 45491 (currently shown as New 2x100mm UPVC Conduit) to one (New 1x100mm UPVC Conduit)	887554	Changing the conduits to the supply pole from two to one are fine.	The revised IFC drawings will be finalised and issued to RoadTek.

With respect to above, could you please confirm the following:

- 1- Construction can commence with the current set of drawings for the portions that is not going to change? We will be working closely with the designers in order to issue the revised IFC drawings ASAP.
- 2- Are we going to get an invoice from RoadTek in May? Please note the close date will be Monday next week.

Please let me know if you have any queries.

Kind regards,

Sina Louei Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division Department of Transport and Main Roads Floor 15 | Adelaide Street | Brisbane QLD 4000 PO Box 70 | Spring Hills QLD 4000 P: (07) 3347 5263 M: NR E: Sina.Z.Louei@tmr.qld.gov.au | W: www.tmr.qld.gov.au ldeas into action Dueensland Customers first Unleash potential Be courageous Empower people Government at state. Great opportun

Page Number: 284 of 333

From: Sina Z Louei
Sent: Monday, 17 May 2021 9:20 AM
To: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>
Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Peter N Calligeros
<<u>peter.n.calligeros@tmr.qld.gov.au</u>>; Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>; Bruce A Sielaff
<<u>Bruce.A.Sielaff@tmr.qld.gov.au</u>>; Bruce A Sielaff
Subject: RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sang,

Please find attached the IFC drawings for your information.

I will bring a copy of these drawings to site today.

See you this afternoon.

Kind regards, Sina Louei

From: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>
Sent: Monday, 17 May 2021 8:52 AM
To: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Peter N Calligeros
<<u>peter.n.calligeros@tmr.qld.gov.au</u>>; Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>; Bruce A Sielaff
<<u>Bruce.A.Sielaff@tmr.qld.gov.au</u>>; Bruce A Sielaff
<<u>Bruce.RE</u>: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sina,

Hope you've had a good week end!

Can you please clarify if we are constructing both signals and Rate 3 or are we only constructing Rate 3 before the financial year.

From your email last week it only has Rate 3 and no signal drawings.

Kind Regards,

Sang To Project Manager BEng MIEAust CPEng NER RPEQ AFEC (Electrical) | Brisbane Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

10 Oregon Street | Hemmant Qld 4174 M: NR sang.v.to@tmr.gid.gov.au www.tmr.gld.gov.au

ThinkSAFE, WorkSAFE, StaySAFE



From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Sent: Thursday, 13 May 2021 1:09 AM
To: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>; Peter N Calligeros <<u>peter.n.calligeros@tmr.qld.gov.au</u>>
Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>
Subject: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sang, Peter,

I hope you are both well.

Please find attached the current set of drawings (IFT stage) as per your request. We are working with the design team to finalise the Energex approval process and issue the IFC drawings by next week.

Peter,

Are you available to attend the pre start site meeting next Tuesday (18 May) at 3:30PM? I am going to send invites out tomorrow morning. Your calendar shows that you are available but Fjust wanted to confirm with you.

Please let me know if you have any queries.

Kind regards,



RoadTek

\Meeting Title: Minor Projects Partnership Team M		eeting Dat	ate/Time:	20 May 2021, 3:00	PM	Location:	Skype Meeting
Chairperson:	Ram Ramachandran	Minute Taker: Pinak Dholakia	=		DMS Cor	ntainer and It	em Number: 310/00043
Attendees: Pi	inak Dholakia, Ram Ramachandran, S	ang To, Matthew B	3aylis, Micha	el O'shea, Peter Call	igeros		
Guests:		Apologies:					
Purpose of the M	Meeting: MPPT Weekly Meeting			17	\bigcirc	P	

ltem no.	Торіс	Points of Discussion	Outcome/Action	Contract Type	By Who	Due Date
01	Introductions	~				
02	Minutes / Action List					
03	Projects Completed	Completed projects per financial year: 2005/06 - 23 Projects 2006/07 - 26 Projects 2007/08 - 19 Projects 2008/09 & 2009/10 - 33 Projects 2010/11 - 26 Projects 2011/12 - 21 Projects 2012/13 - 8 Projects 2013/14 - 32 Projects 2013/14 - 32 Projects 2014/15 - 42 Projects 2015/16 - 30 Projects 2016/17 - 23 Project 2017/18 - 23 Projects 2018/19 - 14 Projects 2019/20 - 25 Projects 2020/21 - 15 Project	~			
04	Projects – Under Construction					



ltem no.	Торіс	Points of Discussion	Outcome/Action	Contract Type	By Who	Due Date
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			NR			
		all Wir				
		B.O.S.				
	P.C.					



ltem no.	Торіс	Points of Discussion	Outcome/Action	Contract Typa	By Who	Due Date
				Bir,		
05	Projects – Waiting For Construction					
			NR			
		GGGOL				
		Gympie Rd and Webster Rd	Financial approval received Project to commence late May	Cost+	Sang	June
	$\overline{\Omega}$		NR			
						<u> </u>



ltem no.	Торіс	Points of Discussion	Outcome/Action	Contract Type	By Who	Due Date
06	Projects – Waiting For Approval For Construction			Bar		
07	Projects – Estimating Stage		RUN			
	,	A B				
			NR			
		CC COL				
08	Projects – Design Stage					
09	2021/2022 Projects					



ltem no.	Торіс	Points of Discussion	Outcome/Action	Contract Type By Who	Due Date
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		_ <	2 FRS 1		
			NR		
			1		
10	Outstanding Issues				
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				



ltem no.	Торіс	Points of Discussion	Outcome/Action	Contract Type	By Who	Due Date
11	Communications	MPP Work Progress		BUD.		
				$\square$		
		Acceptance meetings for completed projects				
12	Leave	Ram – Pinak – Peter – Michael - Matt – Sang –				
13	General Business	5				
		$\langle (e\rangle)$				
14	Project Team Actions					
	Close meeting	Confirm next meeting – 27/05/2021 Time - 3:00 PM	Chairperson – TBA Minute Taker – TBA		ALL	



# Sina Z Louei

From: Peter N Calligeros Sent: Monday, 24 May 2021 2:25 PM To: Sina Z Louei Cc: Ram Ramachandran; Matthew A Baylis; Bruce A Sielaff; Sang V To Subject: RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sina,

Ok thanks for the update, I was enquiring because I have done an application for a new supply with Energex for the rate 3 lighting & it asks for an approval letter. I have attached the drawings in the application...see what happens they may go ahead with the connection.

Regards

Peter Calligeros

From: Sina Z Louei <Sina.Z.Louei@tmr.gld.gov.au>

Sent: Monday, 24 May 2021 2:19 PM

To: Peter N Calligeros <peter.n.calligeros@tmr.qld.gov.au>

Cc: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qid.gov.au>; Matthew A Baylis

<Matthew.A.Baylis@tmr.qld.gov.au>; Bruce A Sielaff <Bruce.A.Sielaff@tmr.qld.gov.au>; Sang V To <Sang.V.To@tmr.qld.gov.au>

Subject: RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Peter,

Thank you for your email.

Following our site visit and discussion we had on site, it was agreed with the electrical designer and RPEQ engineer that we can use JU at station 8 with 3m outreach and make station 7 a 4.1m post (item 3 in table below) even though lighting level does not change compared to existing design (station 7 is a JU and station 8 is a 4.1m post). However this change will delay the BCC and Energex approval process (which we are going through at the moment). This is likely takes one or two weeks for them to review at least. Once the BCC and then Energex approved the revised design, we will provide you with the approval letter. We have already communicated this with RoadTek (Sang) and he knows that RoadTek cannot get the approval to physically connect to the power supply from Energex before end of June 2021.

Please let me know if you have any queries.

Ideas into action

Kind regards,

Customers first

at state. Great opportu

Sina Louei Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division Department of Transport and Main Roads Floor 15 | Adelaide Street | Brisbane QLD 4000 PO Box 70 | Spring Hills QLD 4000 P: (07) 3347 5263 M: NR E: Sina.Z.Louei@tmr.qld.gov.au | W: www.tmr.qld.gov.au **Queensland** 

Unleash potential

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Empower people

Governmen

From: Peter N Calligeros sent: Monday, 24 May 2021 2:05 PM
To: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>; Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>
Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Matthew A Baylis
<<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>; Bruce A Sielaff <<u>Bruce.A.Sielaff@tmr.qld.gov.au</u>>
Subject: RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sina,

Could you also ask the streetlighting designers if an Energex approval letter has been issued? Not sure if it is required for rate 3 lighting?

Regards

Peter Calligeros

From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>> Sent: Thursday, 20 May 2021 8:50 AM To: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>> Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Peter N Calligeros <<u>peter.n.calligeros@tmr.qld.gov.au</u>>; Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>; Bruce A Sielaff <<u>Bruce.A.Sielaff@tmr.qld.gov.au</u>>; Bruce A Sielaff Subject: RE: 1928208 - Gympie/Webster Road Project - IFT Drawings.

Hi Sang,

I am contacting you in relation to Gympie/Webster Road Project (CN-16730) to provide an update on the items we discussed during the site inspection on 17th of May 2021 Please see below for your information:

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1 – The title block on drawings will be updated to IFC from IFT	887548 and 887549	These drawings will be updated and reissued.	The IFC drawings will be finalised and issued to RoadTek.
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		IFC drawings by (1-2 weeks).	
4 –Reduce the new conduit that we running from Pole 45491 (currently shown as New 2x100mm UPVC Conduit) to one (New 1x100mm UPVC Conduit)	887554	Changing the conduits to the supply pole from two to one are fine.	The revised IFC drawings will be finalised and issued to RoadTek.

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- 1- Construction can commence with the current set of drawings for the portions that is not going to change? We will be working closely with the designers in order to issue the revised IFC drawings ASAP.
- 2- Are we going to get an invoice from RoadTek in May? Please note the close date will be Monday next week.

Please let me know if you have any queries.

Kind regards,

### Sina Louei

Engineer (Civil) | Metropolitan Region Program Delivery & Operations Branch | Infrastructure Management and Delivery Division

**Department of Transport and Main Roads** Floor 15 | Adelaide Street | Brisbane QLD 4000

PO Box 70 | Spring Hills QLD 4000

P: (07) 3347 5263 M: NR

E: Sina.Z.Louei@tmr.qld.gov.au | W: www.tmr.qld.gov.au

Customers first lideas Into action Unleash potential Record good by Customer people Customer people Customer people Customer people Covernment

From: Sina Z Louei

Sent: Monday, 17 May 2021 9:20 AM

To: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>

**Cc:** Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Peter N Calligeros <<u>peter.n.calligeros@tmr.qld.gov.au</u>>; Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>; Bruce A Sielaff <<u>Bruce.A.Sielaff@tmr.qld.gov.au</u>>

Subject: RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sang,

Please find attached the IFC drawings for your information.

I will bring a copy of these drawings to site today.

See you this afternoon

Kind regards, Sina Louei

From: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>
Sent: Monday, 17 May 2021 8:52 AM
To: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Peter N Calligeros
<peter.n.calligeros@tmr.qld.gov.au>; Matthew A Baylis <<u>Matthew.A.Baylis@tmr.qld.gov.au</u>>; Bruce A Sielaff

#### Page Number: 295 of 333

<Bruce.A.Sielaff@tmr.qld.gov.au>

Subject: RE: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sina,

Hope you've had a good week end!

Can you please clarify if we are constructing both signals and Rate 3 or are we only constructing Rate 3 before the financial year.

From your email last week it only has Rate 3 and no signal drawings.

Kind Regards,

Sang To Project Manager BEng MIEAust CPEng NER RPEQ APEC (Electrical) | Brisbane Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

10 <u>Oregon Street |</u> Hemmant Qld 4174 M: <u>NR</u> <u>sang.v.to@tmr.qld.gov.au</u> <u>www.tmr.qld.gov.au</u>

# ThinkSAFE, WorkSAFE, StaySAFE



Crossing at traffic lights? Don't touch the button, elbow burnp it instead!

From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Sent: Thursday, 13 May 2021 1:09 AM
To: Sang V To <<u>Sang.V.To@tmr.qld.gov.au</u>>; Peter N Calligeros <<u>peter.n.calligeros@tmr.qld.gov.au</u>>;
Cc: Ram Ramachandran <<u>Kanagaratham.Z.Ramachandran@tmr.qld.gov.au</u>>
Subject: 1928208 - Gympie/Webster Road Project - IFT Drawings

Hi Sang, Peter,

I hope you are both well.

Please find attached the current set of drawings (IFT stage) as per your request. We are working with the design team to finalise the Energex approval process and issue the IFC drawings by next week.

# Peter,

Are you available to attend the pre start site meeting next Tuesday (18 May) at 3:30PM? I am going to send invites out tomorrow morning. Your calendar shows that you are available but I just wanted to confirm with you.

Please let me know if you have any queries.

Kind regards,

# Sina Z Louei

From: Sent: To: Cc: Subject: Attachments: Ho Y Lam Monday, 24 May 2021 2:37 PM Sina Z Louei Colin J Campbell; David P Gough; Ram Ramachandran RE: Gympie and Webster IFT drawings and schedules Re: Gympie and Webster IFT drawings and schedules

Hi Sina,

As per my email last week, as the design needs to be revised and the approval process with BCC and Energex will need to be restarted, there is a possibility that RoadTek will not be able to get the approval letter by end of June 2021. Ram was happy to proceed based on this understanding (refer to attached email).

We are still waiting for approval from BCC and they generally take about one or two weeks.

We can continually follow up with BCC and then with Energex but it is possible that you will not get the approval letter by end of June 2021 as per my advice to you and Ram last week

Please let me know if you have any questions.

Regards,

Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 M: NR ho.y.lam@tmr.qld.gov.au www.tmr.qld.gov.au



Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au>
Sent: Monday, 24 May 2021 2:31 PiM
To: Ho Y Lam <Ho.Y.Lam@tmr.qld.gov.au>
Cc: Colin J Campbell <Colin.J Campbell@tmr.qld.gov.au>; David P Gough <David.P.Gough@tmr.qld.gov.au>; Ram
Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>
Subject: RE: Gympie and Webster IFT drawings and schedules

G'day Ho Y,

I hope you are well and had a great weekend.

I just wanted to touch base with you in relation to the status of the revised design and the approval process for Gympie/Webster Road. Are we on track to get the approval letter by end of June or earlier?

Please let me know if you have any queries.

# Kind regards,

Sina Louei						
Engineer (Civil)   Metropolitan Region						
Program Delivery & Operations Branch   Infrastructure Management and Delivery Division						
Department of Transport and Main Roads						
Floor 15   Adelaide Street   Brisbane QLD 4000						
PO Box 70   Spring Hills <u>QLD 4000</u>						
P: (07) 3347 5263 M: NR						
E: <u>Sina.Z.Louei@tmr.qld.gov.au</u>   W: <u>www.tmr.qld.gov.au</u>	$\frown$					
Customers first ldeas into action Unleash potential Be courageous Customer people						
Great state. Great opportunity.						

From: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Sent: Wednesday, 19 May 2021 1:45 PM

To: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>; Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>> Cc: Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>>; David P Gough <<u>David.P.Gough@tmr.qld.gov.au</u>> Subject: Re: Gympie and Webster IFT drawings and schedules

Ho Yee

Please go ahead with the design change and approval process.

Thanks

Ram

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From: Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>>

Sent: Wednesday, May 19, 2021 1:28:34 PM

**To:** Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>

**Cc:** Colin J Campbell <<u>Colin.J.Campbell@tmr.qid.gov.au</u>>; David P Gough <<u>David.P.Gough@tmr.qld.gov.au</u>>; **Subject:** RE: Gympie and Webster IFT drawings and schedules

Hi Ram and Sina,

We have talked electrical designer and RPEQ and confirmed that we can use JU at station 8 with 3m outreach and make station 7 a 4.1m post even though lighting level does not change compared to existing design (station 7 isa JU and station 8 is a 4.1m post).

However this will delay the Energex approval process (which we are going through at the moment for the current design because we will need to seek BCC's approval first (one or two weeks for them to review at least) and then Energex for permission to connect to their power supply (one week minimum to issue PLSA). This may mean that RoadTek cannot get the approval to physically connect to the power supply from Energex before end of June 2021 (which takes another 2-3 weeks after Energex issue PLSA).

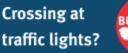
Can you please advise whether you wish to update the drawings and restart the approval process from BCC and Energex?

Thanks.

Regards,

### Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 M: NR ho.y.lam@tmr.qld.gov.au www.tmr.qld.gov.au





Don't touch the button, elbow bump it instead!



Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Ho Y Lam Sent: Tuesday, 18 May 2021 5:26 PM To: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>> Cc: Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>>; David P Gough <<u>David,P.Gough@tmr.qld.gov.au</u>> Subject: RE: Gympie and Webster IFT drawings and schedules

Hi Ram and Sina,

As discussed and agreed, I will ask the electrical designer to check whether it is possible to use longer outreach to meet the design requirement if we use JU at station 8.

This will take about a day's work (7.25 hours) and I will get back to you Thursday morning.

Thanks.

Regards,

Ho-Yee Lam

Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 M: NR ho.y.lam@tmr.qld.gov.au www.tmr.qld.gov.au

Crossing at traffic lights?



Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Ho Y Lam

Sent: Tuesday, 18 May 2021 12:28 PM

**To:** Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>

**Cc:** Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>>; David P Gough <<u>David.P.Gough@tmr.qld.gov.au</u>> **Subject:** RE: Gympie and Webster IFT drawings and schedules

Hi Ram and Sina,

We have tried placing the JU at station 8 (that is, on the inside of the curve of slip lane) but the diverge on the slip lane will not be adequately lit.

We can investigate moving the poles around again but this will delay Energex's approval for construction because we will need to develop a new design, go back to BCC for review and approval (they can take a week or two) and then resubmit to Energex for approval. We have already submitted the paperwork for Energex's approval since BCC gave us the approval last week.

Happy to discuss if you would like to investigate more options and I can organise a time/cost proposal for the variation.

Please let me know if you have any questions.

Regards,

Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 M: NR ho.y.lam@tmr.qld.gov.au www.tmr.qld.gov.au

Crossing at traffic lights? Don't touch the button,

Crossing at traffic lights? Don't touch the button, elbow bump (t instead)

From: Ho Y Lam

Sent: Tuesday, 18 May 2021 10:20 AM

**To:** Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Sina Z Louei

<<u>Sina.Z.Louei@tmr.qld.gov.au</u>>

**Cc:** Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>>; David P Gough <<u>David.P.Gough@tmr.qld.gov.au</u>>; **Subject:** RE: Gympie and Webster IFT drawings and schedules

Thanks Ram for your response.

We are checking that one now.

Thanks.

Regards,

Ho-Yee Lam

Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads

Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 M: NR ho.y.lam@tmr.qld.gov.au www.tmr.qld.gov.au



From: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>
Sent: Tuesday, 18 May 2021 10:02 AM
To: Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>>; Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>
Cc: Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>>; David P Gough <<u>David.P.Gough@tmr.qld.gov.au</u>>
Subject: Re: Gympie and Webster IFT drawings and schedules

Ho Yee

Thanks for your prompt response.

Lighting design wise is there any issue in installing JUP on the inside of the curve of slip lane please? With 3m outreaches the luminair will be at same position above the slip lane anyway?

Thanks Ram

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From: Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>>

Sent: Tuesday, May 18, 2021 9:32:51 AM

**To:** Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>

**Cc:** Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au></u>; David P Gough <<u>David.P.Gough@tmr.qld.gov.au></u>;

Subject: RE: Gympie and Webster IFT drawings and schedules

Hi Sina,

Thanks very much for your feedback.

Here are the responses to your feedback;

- Changing the conduits to the supply pole from two to one are fine
- Can you please clarify what the safety concerns are in relation to signal poles 7 and 8? The team have investigated about your concern in relation to signal poles 7 and 8 and advised the following
  - This is a low speed environment when exiting Ellison side of Webster Road. Car drivers have to prepare to stop at the pedestrian crossing and then giveway before entering Gympie Arterial Road.
  - A slightly over the limit speeding vehicle driver is likely to be choosing an inside alignment (nearer to pole 8) if they unwise choose to speed through this site. There is a lot lower probability that a driver will hit a pole (7) on the slip island from this perspective.
  - No overhead services exist at station 7 and 8 locations (refer to Signals drawings)...I assume if there had been an issue, RPEQ engineer would have raised it during his review/checking. I measured in CAD...urrent island is not modified as far as I know and it is 1.17m offset between centre of the JU pole (station 7) and kerb top.

Please let me know if you have any questions.

Regards,

Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 M: NR

ho.y.lam@tmr.qld.gov.au www.tmr.gld.gov.au



Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>

Sent: Monday, 17 May 2021 6:14 PM

To: Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>>; Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>> Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Subject: RE: Gympie and Webster IFT drawings and schedules

Hi Ho Y, Colin,

One last comment that slipped but needs to be considered:

 Drawing 887554: Could we please reduce the new conduit that we running from Pole 45491 (currently shown as New 2x100mm UPVC Conduit) to one (New 1x100mm UPVC Conduit) instead of two? Is there a reason on why we have 2x100mm?

Kind regards, Sina Louei

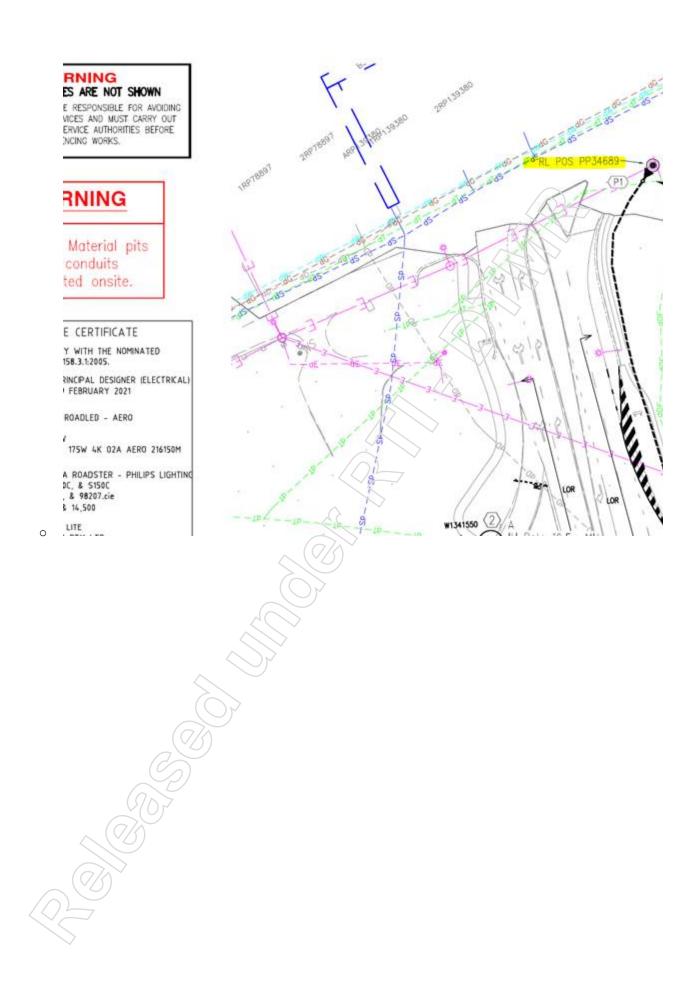
From: Sina Z Louei

Sent: Monday, 17 May 2021 3:04 PM To: Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>>; Colin J Campbeli <<u>Colin.J.Campbell@tmr.qld.gov.au</u>> Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Subject: RE: Gympie and Webster IFT drawings and schedules

Hi Ho Y,

Thank you very much for sending the missing drawings. We just had our pre-construction meeting on site and there were few points that was raised. I would appreciate it if you could respond to these and send us the final drawings.

- Please revise the title block on the following drawings to IFC as we only have the IFT:
  - o **887548**
  - o **887549**
- Revise the pole number from PP34689 to 45491 (Drawing 887554). Please see below photo of the location and photo taken today:





• Lighting design: Due to safety reasons, can we amend our lighting design for pole 7 and 8 to be swapped? Pole 7 is a joint use pole and located on the island and pole 8 is pedestal (smaller than joint use pole). For safety reasons, it would be better to have the pedestal pole on the island.

I would appreciate it if you could please amend these changes and issue the final IFC drawings.

Please note that the contractor is planning to start next week.

Kind regards, Sina Louei

From: Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>> Sent: Monday, 17 May 2021 9:13 AM To: Sina Z Louei <<u>Sina.Z.Loue@tmr.qld.gov.au</u>>; Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>> Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>> Subject: RE: Gympie and Webster IFT drawings and schedules

Hi Sina,

Please find attached IFC signal drawings.

Regards,

Ho-Yee Lam Principal Engineer (Civil) | Metropolitan Region / Brisbane Office Program Delivery & Operations | Department of Transport and Main Roads Floor 12 | Adelaide Street (313) | 313 Adelaide Street | Spring Hill Qld 4000 PO Box 70 | Spring Hill Qld 4004 M: NR

M: NR ho.y.lam@tmr.qld.gov.au www.tmr.qld.gov.au



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From: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>> Sent: Monday, 17 May 2021 9:08 AM To: Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>> Cc: Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>> Subject: RE: Gympie and Webster IFT drawings and schedules Importance: High

Good morning Colin,

I hope you are well and had a great weekend.

Are you able to send me the traffic signals drawings (887550 to 887553)? The contractor needs these drawings ASAP.

# CIVIL D

Drawing Number	Revision	Date	Series	Number	
887548	A	04/2021	24	1	LOCALI
887549	A	04/2021		2	SIGNS

TOTAL NUMBER OF DRAWINGS = 2

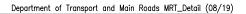
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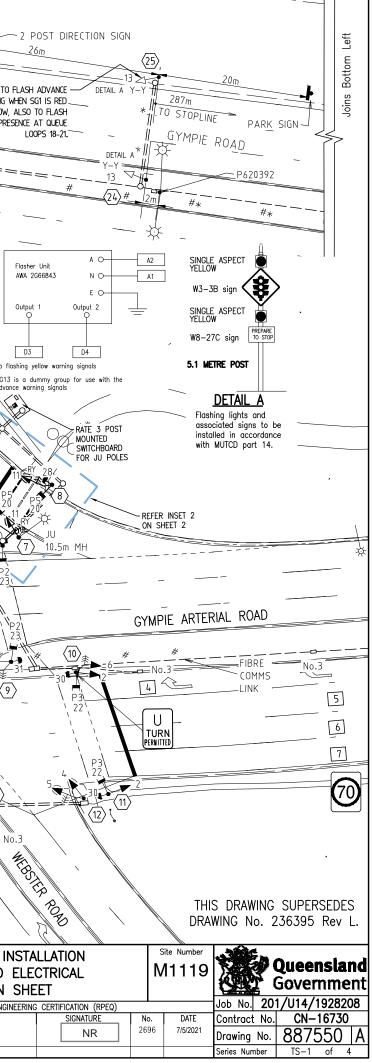
Drawing Number	Revision	Date	Series Number	
887559	А	04/2021	1	TRAFFI
887551	A	04/2021	2	TRAFFI
887552	A	04/2021	3	TRAFFI
		04/0004		TRUCC

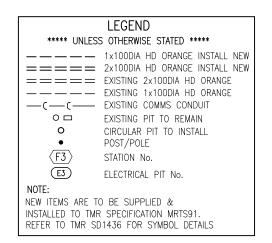
Kind regards, Sina Louei

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LOGICAL INPUT	15, 16, 17 5, 6, 7 28 32		2, 3 1 29 30		1, 12 29 30	31 9, 10 8 11, 12 28 29 3	30         15, 16, 17         13, 14         11,		
CALL	X         X         PED5         PED1           X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X </td <td>1 X</td> <td>X X</td> <td></td> <td>PED4 PED3</td> <td>PED2 X X</td> <td>X X X X X</td> <td></td> <td>====</td>	1 X	X X		PED4 PED3	PED2 X X	X X X X X		====
INCREMENT	X X				×		X		
SPECIAL CONDITIONS	VG11 red during PG5 walk + clear else off.	rance VG10 red during PG4 walk + clearance else off. VG11 red during PG5 walk +	VG10 red during PG4 walk else off.	else off.	PG4 walk + clearar	else off. VG11 red during PG5 walk +	else off.		-
CONDITIONS		clearance else off.	PG2 may overlap to D pha overlap to D, E and F pha	use, PG3 may PG2 may overlap overlap to C, E c	to C phase, PG3 r and F phases.	PG3 may overlap to C, D and F	PG3 may overlap to C, D of phases. PG5 may overlap to	and E o E phase.	-
						phases, PG5 may overlap to F phase.			
D	DETECTOR TABLE	CONFLICT TABLE (X INDICATES CONFLIC		EGEND					
PHYSICAL CONTROLLE	R LOGICAL LOOP/PB DIST TO	VEHICLE         GROUPS         PED         G           1         2         3         4         5         6         7         8         9         10         11         1         2         3	ROUPS         *****         UNLESS OTH           4         5          1 X	HERWISE STATED ***** ( 100DIA HD ORANGE (240V)		To TŚ POŚ PP17107		POS PP34689	
LABEL TERMINAL	INPUT CONFIGURATION STOP LINE 1 STOP LINE 4m	2 X X X X X X X	2 x 1 x	K 100DIA HD ORANGE (240V) K 50DIA HD ORANGE (ELV)					
LOOP 2 P2 LOOP 3 P3	2 STOP LINE 4m 3 STOP LINE 4m		# TMF	SODIA HD WHITE (COMMS) R FIBRE COMMS ROUTE				WEBSTER	\
LOOP 4 P4 LOOP 5 P5	4 STOP LINE 4m 5 ADVANCE 29m		No."	VANCED FLASHER CABLE ROUTE 7 PIT 4 PIT		JU JU 10.5m MH		ROAD	To flo SG13 advan
LOOP 6 P6	6 ADVANCE 29m		0 600 NOTE:	0mm ROUND PIT		RY B PL		B	
LOOP 7 P7	7         ADVANCE         29m           8         STOP LINE         4m	9 X X X	INSTALLED TO TMR SP	UUTS ARE TO BE SUPPLIED & PECIFICATION MRTS91 SYMBOLS REFER TO SD1436	· · · · · ·	10 ⁻²¹ 21 10 ⁻²¹ P.4 22			$\mathbf{N}$
LOOP 9 Q9 LOOP 10 Q10	9 STOP LINE 4m 10 STOP LINE 4m				$\leq$	10 229			
LOOP 11 Q11 LOOP 12 Q12	11STOP LINE4m12STOP LINE4m				1		#*		I V
LOOP 13 Q13	13 ADVANCE 35m			approx. 110m	PEFER INSET 1				11 6 P5
LOOP 14 Q14 LOOP 15 Q15	14ADVANCE35m15ADVANCE32m				REFER INSET 1 ON SHEET 2	CCTV -	32, No.	7-4	RY
LOOP 16 Q16 LOOP 17 R17	16         ADVANCE         32m           17         ADVANCE         32m	l Idiu Kight (	$< \rangle$			POSITION			
LOOP 18 R18 LOOP 19 R19	18         QUEUE         167m           19         QUEUE         167m		T (187m TO STOPLINE)			No.3			
LOOP 20 R20	20 QUEUE 167m	l oli oli oli oli oli oli oli oli oli ol	21			M1119 CONTROLLER -	<20) 6 ≉⋕	$3^{\times 8}$ $1 = 1$	* 11 23
LOOP 21 R21 LOOP 22 R22	21         QUEUE         167m           22         STOP LINE         4m		20m -	*		&TOP HAT ON TMR FIBRE	*	; `` \` \3L	
LOOP 23 R23	23 STOP LINE 4m 24	GYMPIE ARTERI			15				/ ; / , /
	25 26		19 1		14	- C		/	1
	27		18		13		$\frac{1}{19} - \frac{19}{1}$		<u></u> →5-,€€
EXT5 E9 EXT4 E8	28         Pb5-AUDIO           29         Pb4-AUDIO				#**		× + 5		, <u>y</u>
EXT3 E7 EXT2 E6	30         Pb3-AUDIO           31         Pb2-AUDIO		_ (77	-					
EXT1 E5	32 Pb1-AUDIO			WARNING		GYMPIE ARTERIAL RO	AD      (181)		· · · ·
NOTES:		SERVICES			<u> </u>			$- \sum_{n=1}^{2} \sum_{j=1}^{n} (n - 1) + \frac{1}{\sqrt{2}} $	4
ຼີ 1. Refer Drg	No. 887555 for Scope of Works tes and Electrical Equipment		ECOMMUNICATIONS UG	Asbestos Material	pits   🧠				
Schedules. 2. Refer Drg	No. 887552 for Design Layout	dOF dOF DBYD OPT 	IC FIBRE UG UG	and conduits	s' 🔽	the tool			
	ations connection to STREAMS is	dsds DBYD SEW	ER MAIN UG	suspected onsi	ite.				3,8 No
្ទី in a pit be	bre Network. The FOCS is locate eside the controller.		CTRICITY UG	WARNING				2 13 10 19	8
. the Scope	ng and certification is limited to of Works stated on drawing		ER MAIN UG	SOME SERVICES ARE NO ALL CONTRACTORS ARE RESPONSIE	BLE FOR AVOIDING				
[≝] from As−C	nis drawing has been compiled constructed information that has ed. Contractor to verify existing	n't	INAGE LINE	CONFLICTS WITH SERVICES AND M CHECKS WITH ALL SERVICE AUTH	IORITIES BEFORE				
installation			L		\J.	<u> </u>	- The second	<u>                                     </u>	\ \
		Ass	ociated Job Nos Survey D Horiz.	Data		BRISBANE CITY COUL		TRAFFIC SIC	
2 °C0 Å			Datum Ixiliary Drg Nos Horiz.	0 2 4 6 8	10m	GYMPIE ARTERIAL ROAD WEBSTER ROAD INTERS	<b>`</b>	OPERATIONS CONNE	s and Ection
			887548 – Grid 887555 Height			Reference Points		Drawn	ENGIN NAME
A Issued For Cons		Drawn Chaster Clanad	Datum Survey	ORIGINAL SIZE A	tres RP	of job (km) end of job Fo		Designed L.KOLARIC	
		Drawn Checked Signed Date , 201 - Brisbane City Council (140)\201-U14-1095633 Gym	bie Webster\3_Development\Design\1	Vexcept where shown othe WM\10_Electrical\Signals\M1119_877550-			1.359 U14/7	Checked J.CHUONG	

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WARNING SOME 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.

# WARNING

Asbestos Material pits and conduits suspected onsite.

#### EXISTING UTILITIES

U/G TELECOMMUNICATIONS	
U/G WATER	— — — W— — — W—
U/G ELECTRICITY	— — — E — — — E —
U/G SEWER	— — — S — — — S —
DRAINAGE	— — D— — — D— —
DBYD WATER	dW
DBYD SEWER	$\mathrm{dS}\mathrm{dS}-$
DBYD TELECOMMUNICATIONS	dTdT-
DBYD DRAINAGE	dDdD-

#### SERVICES LOCATIONS AND CONFLICTS:

- 1. The service information shown on this plan is not intended to provide the Contractor with complete or accurate information concerning the location or extent of existing utility services.
- 2. The Contractor is to make enquiries of the service authorities as to the location, depth and extent of utility services prior to commencement of any work on the site.
- 3. The Contractor is to immediately advise the Principal and relevant service authority when an existing underground utility service not previously identified is found during construction.
- The Contractor will be solely responsible for any damage to existing services as a result of execution of work under the Contract.

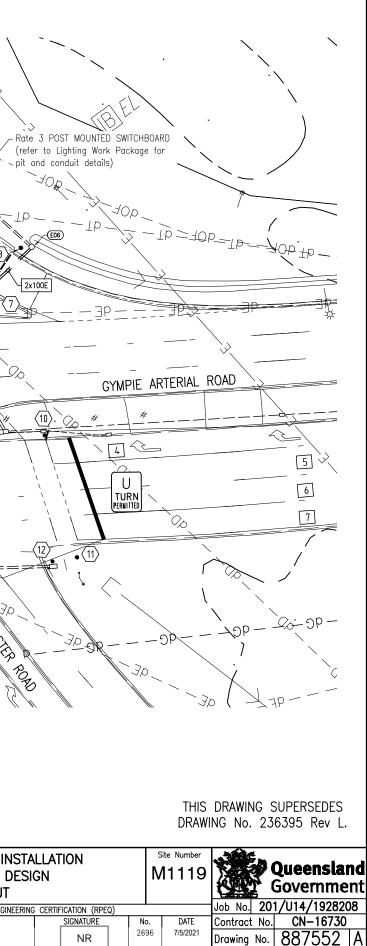
#### NOTES:

- 1. Refer Drg No. 887553 for Scope of Works, General Notes and Electrical Equipment Schedules.
- 2. Refer Drg Nos. 887550 & 887551 for Operations & Electrical Connections Sheets.
- 3. Communications connection to STREAMS is via TMR Fibre Network. The
- FOCS is located in a pit beside the controller.
  This drawing and certification is limited to the Scope of Works stated on drawing 887553. This drawing has been compiled from As-Constructed information that hasn't been verified. Contractor to verify existing installation on-site.

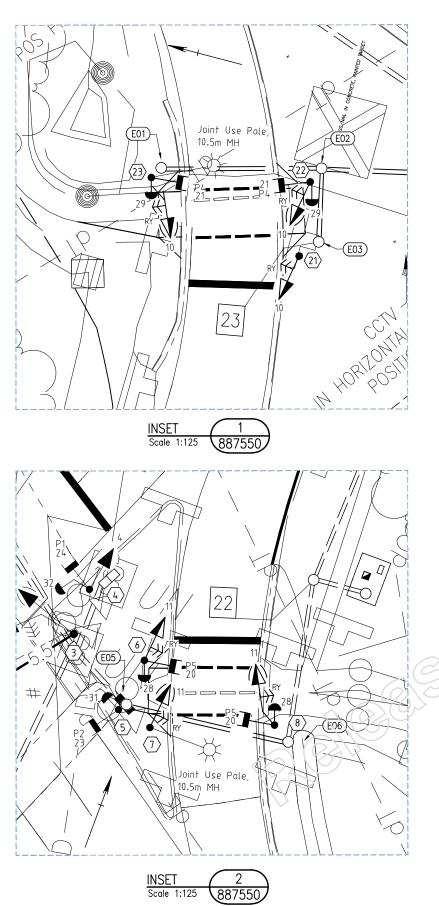
To TS POS PP17107	
222 2100E 2100E 2100E 4 * 1 (2) 2 (0) (0) (0) (0) (0) (0) (0) (0)	
17 MI119 CONTROLLER & TOP HAT ON TMR FIGRE 16 GYMPIE ARTERIAL ROAD 14 13 4 4 4 4 4 4 4 4 4 4 4 4 4	
	THEBSILE .

						Associated Job Nos	_	rvey Data	_		BRISBA	NE CITY C	OUNCIL		-	TRAFFIC	SIGNAL IN
							Horiz. Datum	$\backslash$	02468m		GYMPIE A	RTERIAL RO	DAD (U14)			EL	ECTRICAL D
						Auxiliary Drg Nos	Horiz. Grid				WEBSTER	ROAD INT	ERSECTION				LAYOUT
						887548 - 887555	Height	<u> </u>	1		Re	eference Points			Drawn		ENGINE
						007000	Datum		ORIGINAL SIZE A3	Preceding	Dist. to start	From start to	From end to	Following	L.KOLARIC	ENG. AREA	NAME
Α	Issued For Construction						Survey		Dimensions shown in metres	RP	of job (km)	end of job	Following RP	RP	Designed L.KOLARIC	ELECTRICAL	J.CHUONG
	Revisions/Descriptions	Drawn	Checked	Signed	Date		Books		except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7	Checked		
CAD	FILES \\corp.tmr.qld.gov.au\shares\Groups\WHRF-Projects	s\201 - E	Brisbane City Cour	ncil (140)\201-	U14-1095633	Gympie Webster\3_Dev	elopment\[	)esign\WM\10_EI	lectrical\Signals\M1119_877550-877553_	A. Bhogough Chaina	ige from approx. 4	.751km – 4.611km			J.CHUONG		

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Series Number TS-3 of 4



SET	$\int 2$
ale 1:125	887550

		ILS		RUN			RUN			RUN			RUN			RUN					
SIGNAL GROUPS	FUNCTION	CONTROLLER TERMINALS	FINIAL TERMINALS	CONNE 21 22 23 1 22	CTS 3 3L	FINIAL TERMINALS	CONNEC 5 6 7 8 9		FINIAL TERMINALS	CONNEC (14) (13) (11)	TS	FINIAL TERMINALS	CONNE 20 (19)(18) (17)(16)	(18)	TERMINALS	CONNE 24 25			SIGNAL GROUPS	FUNCTION	
SIC		CONTR	FINIAL	3×4		FINIAL			FINIAL	ĬČ		FINIAL	15X)		FINIAL	Ĭ			SIC		
				CORES L	JSED		CORES I	J JSED		CORES	JSED		CORES	JSED		CORES I	JSED				
	RED	A5	1	1	1	1	1					1	1								
1	YELLOW	A4	2	2	2	2	2					2	2						18		
	GREEN	A3	3	3	3	3	3					3	3								
	RED	A8				4	4		4	4		4	4	4							
2	YELLOW	A7				5	5		5	5		5	5	5					19		
	GREEN	A6				6	6		6	6		6	6	6							
_	RED	A11	4	4					7	7										RED DW	
3	YELLOW	A10	5	5					8	8									20	PED5	
-	GREEN	A9 A14	6	6					9	9	-								⊢	GREEN W	
	RED		7						10	10										RED DW	_
4	YELLOW	A13	8	8					11	11								$\langle \rangle$	21	PED4	_
_	GREEN RED	A12 B5	9	9		7	7		12 13	12 13		17	13				$ \leq $	$\langle \mathcal{O} \rangle$	4	GREEN W	
5	YELLOW	B3 B4				7 8	8		14	14		13 14	13			5	$\rightarrow$	$\backslash \langle \langle \rangle$		RED DW	_
5	GREEN	B4 B3				9	9		14	14		14	14		~	$\bigcirc$	$\mathbb{H}$	$\land \land )$	22	PED3	_
	RED	B3 B8				9 10	10		15	115		16	16		₽			$\bigcirc$		GREEN W	
6	YELLOW	B0 B7				11	11					17	17	H			$\rightarrow$		27	RED DW PED2	
° I	GREEN	B6				12	12					18	18		$\rightarrow$				23	GREEN W	-
	RED	B11	10	10		ΙZ	12		19	19		19	19		$\overline{}$	₽				RED DW	
7	YELLOW	B10	11	11					20	20		20	20	$\rightarrow$					24	PED1	-
í ŀ	GREEN	B9	12	12					20	21		21	21	1					24	GREEN W	,
	RED	B14	13	13					16	16 <	Ô	21								UNLER P	-
8	YELLOW	B13	14	14				17	17	17	-										-
	GREEN	B12	15	15					18	18											-
	RED	C5					$\sim$	1		$\bigtriangledown$		22	22								
9	YELLOW	C4			$\langle \rangle$			1	$\geq$			23	23								
Ì	GREEN	C3			1							24	24								
	RED	C8	16	16		1	$\sim$														Ī
10	YELLOW	C7	17	17			$\geq$												EXT	5 DET 28	3
	~																		EXT	4 DET 29	)
	RED	C11	$\mathbb{Z}$	5V		13	13												EX	13 DET 30	)
11	YELLOW	610	$\subseteq$	$\nu$		14	14												EXT	2 DET 3	I
	$\underline{(}$	$\mathbb{N}$																	EXT	1 DET 32	2
$\bigcirc$	$\underline{\mathcal{A}}$	$\mathcal{V}^{*}$																		230V	
12	$\overline{)}$																		DET	COMMON	I
$\bigcirc$																			N	EUTRAL	
	RED			VANCED																	
13	YELLOW	D4		SHER C											1	1				SPARE CO	۶F
_	YELLOW	D3	FL/	SHER C	)/PL	ル 2									2	2				TO EAR	ſ
14																				CABLE S	Ē
																			со	NTROLL	
15																					-
16																					

4															
				Associated Job Nos		vey Data	-		BRISBA	NE CITY C	OUNCIL			TRFFIC	SIGNAL INS
				_	Horiz. \ Datum		0 1 0 7 4 5m		GYMPIE AF	rterial r	OAD (U14)		] (	<b>JPERATI</b>	ONS AND E
				Auxiliary Drg Nos	Horiz. Grid	$\langle \rangle$	0 1 2 3 4 5m		WEBSTER	ROAD INTE	ERSECTION			CO	NNECTION S
				887548 - 887555	Height		1 [		Re	eference Points			Drawn		ENGINE
2				007000	Datum		ORIGINAL SIZE A3	Preceding	Dist. to start	From start to	From end to	Following	L.KOLARIC	ENG. AREA	NAME
	A Iss	sued For Construction			Survey		Dimensions shown in metres	RP	of job (km)	end of job	Following RP	RP	Designed L.KOLARIC	ELECTRICAL	J.CHUONG
		Revisions/Descriptions Drawn Chec	cked Signed Date		Books		except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7	Checked		
3	CAD FIL	ES \\corp.tmr.ald.gov.au\shares\Groups\WHRF-Projects\201 - Brisbane C	City Council (140)\201-U14-1095633	Gympie Webster\3_Deve	lopment\De	sian\WM\10_EI	ectrical\Signals\M1119_877550-877553_	A.Theough Chaina	ge from approx, 4	.751km - 4.611km			J.CHUONG	.	

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							Depa	rtment (	of Tro	nsp	ort and I	Main	Road	is MRT_C	)etail	(08/19)
(0)		RUN	1		RUN			RUN			RUN			RUN		
CONTROLLER TERMINALS		CON	T.		CON	T.		CON	IT.		CON	T.		CON	T.	
RMII	ALS	CONNE	CTS		CONNEG	CTS		CONNE	CTS		CONNE	CTS		CONNEC	CTS	
R TE	FINIAL TERMINALS	12(21)	$\langle 3 \rangle$	<b>NLS</b>	$\sqrt[4]{5}$	$\square$	٨LS	14		<b>N</b> LS	12(20)	(18)	ALS	12(24)	$\cap$	
LEF	TER	(22)(23)	(JL)	MIN/		$\Join$	MIN	13/12	ee	MIN/	19/18	(81)	MIN/	25	ee	
TRO	ΒL	$\equiv$		TERMINALS	$\bowtie$	$ \ge $	FINIAL TERMINALS	$  \varkappa \varkappa$	$\mathbb{N}$	TERMINALS	INN		TERMINALS	ЖЖ	$\searrow$	
NOC	FIN	$\left(1\times2\right)$		FINIAL	<u>(889</u> )		IAL		1	FINIAL	(17X16)		FINIAL	$\square$		
0		(3X4)		FIN	(10X_)		FIN			FIN	(15)		ΠI	(X)		
		CORES L	l JSED		CORES I	JSED		CORES	USED		CORES I	JSED		CORES U	JSED	
4A14				15	15											
AA12				16	16											
BB5	18	18														
BB3	19	19														
BB8				17	17		22	22								
BB6				18	18		23	23								
3B11				19	19											
BB9				20	20											
3B14	20	20														
3B12	21	21														
E9				Ρ4	P4											
E8	P4	P4														
E7				Ρ3	P3		24	24								
E6				P2	P2											
E5	P1	P1														
A2	26	26		26	26		26	26		А	RD					
E3	27	GY		27	GY		27	GY		PR	GY					
A1,B1 C1,D1	NL	BK	BK	NL	BK		NL	BK		NL	BK	ΒK	NL	BK		
		22-27	/		21-27			1-3	/	/	7-12		/	/	1 /	
ES		OG	/		OG			25	/	/	25-27				/	
		P2, P3	/		P1				/		P1-P4				/	
	/		$\square$	/		/			/	/	OG		/	V	//	
Ε	/	36	19	/	36	/	/	29	/		36	19	/	4mm2 4C+E	/	
RΤ	YPE			Т	YCO EC	CLIP	SE	EC1-6	2-2	24						
				1. R N 2. R 3. T w c	otes ar efer Dr his dra orks st ompiled	nd El g No wing ated froi	lectr b. 88 anc on m A	ical Eq 37554 I certifi this dr s Con	uipm for [ catio rawin infor	ent Desi n is g. 1 mat	be of W Schedu gn Layo imiteo his dra ion that isting ir	les. ut C I to wing ha	rawi the has sn't	ing. scope s been been	of	
	THIS DRAWING SUPERSEDES DRAWING No. 236395 Rev L. NSTALLATION ELECTRICAL															
		ET								ł		r 1	60	ven	nm	ent
				NI /-			L			5	b No.	2		J14/1		
GINE	KING	CERTIFIC	CATIO SIGNA			N	0.	DAT	F		ontract		_	CN-1		
		Γ					96	7/5/2								
				NR						-	awing		_	<u>8875</u>		
										Se	ries Num	ber	1	TS-2	of	4

				<b>-</b>								
	NEW PIT SCHEDULE											
PIT NO.	COORE	INATES*	TYPE	REMARKS								
FIL NO.	EASTING	NORTHING	IIFE	REMARKS								
E01	52291.038	169474.289	CIRCULAR	INSTALL NEW PIT								
E02	52293.755	169464.019	CIRCULAR	INSTALL NEW PIT								
E03	52289.011	169462.954	CIRCULAR	INSTALL NEW PIT								
E04	52296.677	169448.943	CIRCULAR	REPLACE EXISTING RECTANGULAR PIT WITH NEW CIRCULAR PIT								
E05	52320.636	169427.098	CIRCULAR	REPLACE EXISTING RECTANGULAR PIT WITH NEW CIRCULAR PIT								
E06	52331.549	169428.480	CIRCULAR	INSTALL NEW PIT								

* ALL X-Y COORDINATES ARE INDICATIVE ONLY, CONFIRM COMPLIANCE ON-SITE IN CONJUNCTION WITH TMR ELECTRICAL INSPECTOR PRIOR TO INSTALL

# NEW EQUIPMENT SCHEDULE

	LOCATION	STN No.	2 ASPECT LANTERN R-Y	PED LANTERN	UPGRADE FINIAL TO SUIT 36 CORE	PUSH BUTTON	REMARKS
ſ		1			1		INSTALL NEW
	0	2			1		INSTALL NEW
	GYMPIE ROAD INTERSECTION WITH WEBSTER ROAD	3			1 **		INSTALL NEW
	ER F	4			1		INSTALL NEW
	) BSTE	5			1		INSTALL NEW
	ROAI	6	1	1		1	INSTALL NEW
	Ξ	7	1				INSTALL NEW
	YMF N W	8	1	1		1	INSTALL NEW
	G	9			1		INSTALL NEW
	SEC	10			1		INSTALL NEW
	NTEF	21	1				INSTALL NEW
	4	22	1	1		1	INSTALL NEW
		23	1	1		1	INSTALL NEW
[	TOTAL	-	6	4	7	4	

** STN 3 is a mast arm, upgrade junction box rather than finial

NEW CONDUIT SCHEDULE														
PIT	NO.	ELEC	TRICAL	SURFACE	LENGTH	REMARKS								
FROM	TO	QTY	SIZE	SOULTIOE	(m)									
E01	E01 E02		100	ROAD	10	INSTALL NEW								
E02	E03	2	100	CONCRETE	5	INSTALL NEW								
E02	E04	E04	E04	E04	E04	E04	E04	E04	E04	2	100	CONCRETE	15	INSTALL NEW
E05 E06		2	100	ROAD	11	INSTALL NEW								
				TOTAL:	41									

Refer to Civil Drawings 887548 - 887549 for the Scope of Works relevant to the Civil Works, such as Linemarking, Kerb Ramps and Vegetation Trimming/Clearance/Re-planting.

																				DRAWI	NG No. 23	6395 Rev L.
						Associated Job No	s Sur	vey Data	-		BRISBA	NE CITY C	OUNCIL		TR/	AFFIC	SIGNAL INS	STALLATION		Site Number	States .	
-						_	Horiz. Datum	$\backslash$			GYMPIE A	RTERIAL R	DAD (U14)		NOT	TES AN	ID SCOPE	OF WORKS	ľ	M1119	17 BEAS	Queensland
						Auxiliary Drg No:	Horiz. Grid		NTS		WEBSTER	ROAD INT	ERSECTION		PITS, CONE	DUITS /	AND EQUIP	MENT SCHEDUL	ES		AND AND TAXABLE AND ADDRESS OF	Government
						887548 - 887555	Height Datum				R	eference Points			Drawn		ENGINEE	ERING CERTIFICATION (RPEQ)			Job No. 20	/U14/1928208
							Datum		ORIGINAL SIZE A3	Preceding	Dist. to start	From start to	From end to	Following	L.KOLARIC ENC Designed		NAME	SIGNATURE	No.		Contract No.	CN-16730
A	Issued For Construction				_	_	Survey		Dimensions shown in metres	RP	of job (km)	end of job	Following RP	IM	Designed L.KOLARIC	ECTRICAL J.	CHUONG	NR	2696	30.04.2021	Drawing No.	887553 A
	Revisions/Descriptions	Drawn	Checked	Signed	Date		Books	\	except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7	Checked							
CAI	D FILES \\corp.tmr.qld.gov.au\shares\Groups\WHRF-Projects\:	201 – B	Brisbane City Cou	ncil (140)\201·	-U14-1095633	Gympie Webster\3_De	elopment\De	esign\WM\10_Ele	ectrical\Signals\M1119_877550-877553	Althogough Chain	age from approx. 4	.751km - 4.61km			J.CHUONG						Series Number	TS-4 of 4

	NEW FOOTING / POST SCHEDULE										
STN No.	COOR	DINATES*	HARDWARE ITEM	REMARKS							
31N NO.	EASTINGS	NORTHING	HARDWARE HEM	REMARKS							
6	52320.749         169430.254           52322.626         169426.213		PEDESTAL	INSTALL NEW FOOTING AND POST							
7			JOINT USE	INSTALL NEW FOOTING AND POLE, OUTREACH AND LUMINAIRE TO BE INSTALLED IN ROAD LIGHTING WORK PACKAGE							
8	52330.309	169429.213	PEDESTAL	INSTALL NEW FOOTING AND POST							
21	52287.757	169463.954	PEDESTAL	INSTALL NEW FOOTING AND POST							
22	52292.689	169464.517	PEDESTAL	INSTALL NEW FOOTING AND POST							
23	52290.258	169474.754	JOINT USE	INSTALL NEW FOOTING AND POLE, OUTREACH AND LUMINAIRE TO BE INSTALLED IN ROAD LIGHTING WORK PACKAGE							

ALL X-Y COORDINATES ARE INDICATIVE ONLY, CONFIRM COMPLIANCE ON-SITE * IN CONJUNCTION WITH TMR ELECTRICAL INSPECTOR PRIOR TO INSTALL

			TRAFFIC	SIGNA	L CABLE SCHEDULE					
	STAT		CABLE TYPE	LENGTH (m)	REMARKS					
	FROM	TO								
	$\square$	1	29 CORE	-	REMOVE EXISTING					
	$\bowtie$	21	36 CORE	38	INSTALL NEW					
	21	22	36 CORE	19	INSTALL NEW					
-	22	23	36 CORE	25	INSTALL NEW					
RUN	23	1	36 CORE	44	INSTALL NEW					
l K	1	2	36 CORE	33	UPGRADE EXISTING 29 CORE TO 36 CORE					
	2	3	36 CORE	29	UPGRADE EXISTING 29 CORE TO 36 CORE					
	3	3L	19 CORE	-	UPGRADE EXISTING 14 CORE TO 19 CORE					
	3	4	29 CORE	20	UPGRADE EXISTING 29 CORE TO 36 CORE					
	$\bowtie$	5	36 CORE	54	UPGRADE EXISTING 29 CORE TO 36 CORE					
5	5	6	36 CORE	16	INSTALL NEW					
	6	7	36 CORE	15	INSTALL NEW					
RUN	7	8	36 CORE	27	INSTALL NEW					
	8	9	36 CORE	56	INSTALL NEW					
	9	10	36 CORE	21	UPGRADE EXISTING 29 CORE TO 36 CORE					
			TOTAL	397						

	NEW LOOP SCHEDULE								
LOOP	CABLE TYPE	FEEDER CABLE LENGTH (m)	REMARKS						
22	LOOP FEEDER	80	INSTALL NEW						
23	LOOP FEEDER	33	INSTALL NEW						
$\sqrt{O}$	TOTAL	113							

#### SCOPE OF WORKS:

- on this drawing. 5. Provide new cabling as shown in the 'TRAFFIC SIGNAL CABLE SCHEDULE' on this drawing. Runs 3-5 to

#### NOTES:

- This drawing and certification is limited to the Scope of Works detailed on this drawing.
   All conduits to be installed at the correct depth.
- 6. 7. All conduit entries to pits shall have mechanical protection. Ensure all conduits entries to pits are sealed with foam and fill.
- 8 Co-ordinates shown are indicative only and shall be verified on-site. Final locations to be confirmed on site with TMR Representative.

Supply & install new 8-Group Lamp Control Module to accommodate the additional signal groups.
 Supply & install new footings and poles as shown in the 'NEW FOOTING/POST SCHEDULE' on this drawing.
 Supply & install new lanterns and hardware as shown in the 'NEW EQUIPMENT SCHEDULE' on this drawing.
 Supply & install new pits and conduits as shown in the 'PIT SCHEDULE' and the 'NEW CONDUIT SCHEDULE'

remain as existing. 6. Supply & install new Vehicle Count Loops 22, 23 as shown on drawing 887550. 7. Supply & install new Loop Feeder Cable as shown in the 'LOOP SCHEDULE' on this drawing. Supply and install new EPROM to suit phasing shown.
 Supply and install new EPROM to suit phasing shown.
 Supply, install, test and commission all works in accordance with TMR Standard Drawings, Technical Specifications, Technical Notes, Technical Guidelines, AS/NZS 3000:2018 and all other relevant Australian Standards.

1. Prior to commencing work, the Contractor shall engage a suitable qualified person to inspect the full work site for existing asbestos material. If asbestos is found on-site the contractor shall ensure that only a licensed asbestos worker curry out work with or adjacent to asbestos material in a safe manner in accordance with safe MRTS36 and WH&S requirements.

2. The locations of footings, pits and conduits shown on this works plan have been designed using DBYD data and aerial imagery (no pre-design survey conducted). All locations shall be confirmed by the contractor on site arter appropriate underground service locating has been completed. Refer drawing No. 837550-887552 for electrical connection and layout.

# THIS DRAWING SUPERSEDES

From: Colin J Campbell <<u>Colin.J.Campbell@tmr.qld.gov.au</u>> Sent: Friday, 30 April 2021 1:14 PM To: Sina Z Louei <<u>Sina.Z.Louei@tmr.qld.gov.au</u>>

**Cc:** Ram Ramachandran <<u>Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au</u>>; Ho Y Lam <<u>Ho.Y.Lam@tmr.qld.gov.au</u>> **Subject:** Gympie and Webster IFT drawings and schedules

Hi Sina,

Please find attached the IFT drawings and schedule for Gympie and Webster Slip Lane Ped Protection.

If you have any questions, please contact me on the below numbers for assistance.

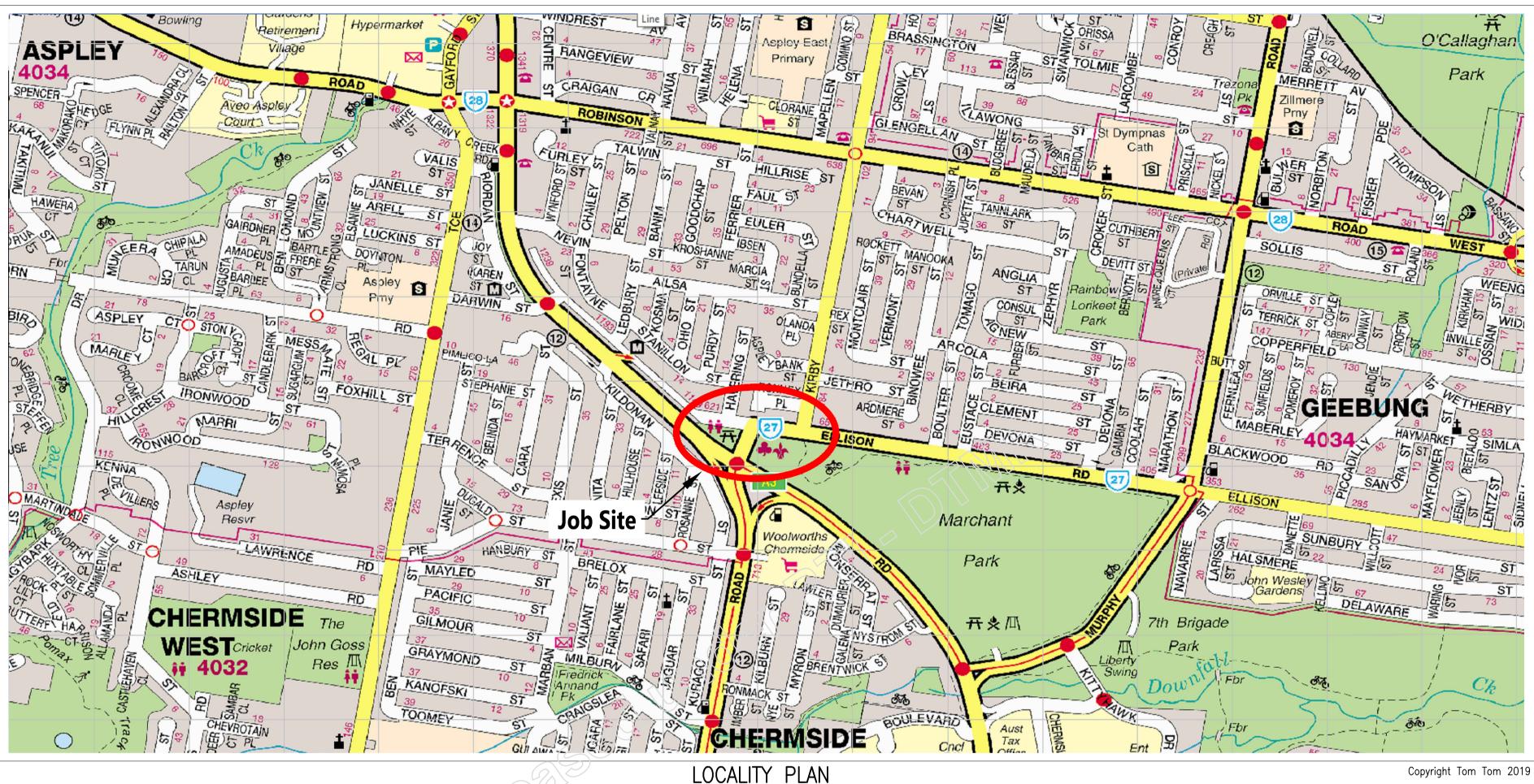
## Colin Campbell

Principal Designer (Civil) | Metropolitan Region / Technical Services
Program Delivery and Operations | Infrastructure Management & Delivery | Department of Transport and Main Roads

PO Box 70 | Spring Hill Qld 4004 (07) 3066 5558 colin.j.campbell@tmr.qld.gov.au www.tmr.qld.gov.au



# **BRISBANE CITY COUNCIL GYMPIE ARTERIAL ROAD (U14)** WEBSTER ROAD SLIP LANES UPGRADE



# CIVIL DRAWING INDEX

Drawing Number	Revision	Date	Series Number	
887548	А	04/2021	1	LOCALITY PLAN AND DRAWING IND
887549	А	04/2021	2	SIGNS AND LINEMARKING – SHEE
	A A	,		

TOTAL NUMBER OF DRAWINGS = 2

ELECTRICAL DRAWING INDEX

Drawing Number	Revision	Date	Series Number	Drawing Description
887550	A	04/2021	1	TRAFFIC SIGNAL INSTALLATION OPERATIONS AND ELECTRICAL CONNECTION – SHEET 1 OF 2
887551	A	04/2021	2	TRAFFIC SIGNAL INSTALLATION OPERATIONS AND ELECTRICAL CONNECTION – SHEET 2 OF 2
887552	A	04/2021	3	TRAFFIC SIGNAL INSTALLATION ELECTRICAL DESIGN LAYOUT
887553	A	04/2021	4	TRAFFIC SIGNAL INSTALLATION NOTES AND SCOPE OF WORK, PITS, CONDUITS AND EQUIPMENT SCHEDULES
887554	A	04/2021	5	RATE 3 ROAD LIGHTING SITE LAYOUT
887555	A	04/2021	6	RATE 3 ROAD LIGHTING SINGLE LINE DIAGRAMS AND SCHEDULES
	•	•	•	•

TOTAL NUMBER OF DRAWINGS = 6

#### Associated Job No Surv Horiz. Datum Auxiliary Drg Nos Horiz. Grid Height Datum A Issued for Tender Survey Signatory: - RPEQ Full Name, Eng. Area and RPEQ No. or Revisions/Descriptions Date - Full Name and Position Title Books CAD FILES G:\WHRF-Projects\201 - Brisbane City Council (140)\201-U14-1095633 Gympie Webster\3_Development\Design\WM\02_Drawings\LOC001 LOCALITY PLAN AND DRAWI

Drawing	Description
---------	-------------

DEX – SHEET 1 OF 1

ET 1 OF 1

SCHEME SUBMITTED
This design meets th Transport and Main F Guidelines and the re
FULL NAME:
POSITION TITLE:
SIGNED (IF WET INK):
<u>SCHEME SCOPE AN</u>
l hereby certify that relevant project on C program.

FULL NAME:

POSITION TITLE:

SIGNED (IF WET INK):

rvey Data	Scales		BRISBANE CITY COUNCIL						
			GYMPIE ARTERIAL ROAD (U14)						
	NTS	CTL CHGE	WEBSTER	r road inte	RSECTION				
			Re	eference Points			f		
		Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	ISSU		
$\backslash$	Dimensions shown in metres	U14/5	1.741	0.14	1.359	U14/7			
WING INDEX.dwg	except where shown otherwise	/		.751km – 4.611km		014/7			
mino indentawy		ini ougri onunu	go nom upplox. +						

DESIGN CLASS

This design has been undertaken in accordance with the Road Design "Class D" Guidelines as specified in Table 1.1 of the Department of Transport and Main Roads Guidelines for Road Design on Brownfield Sites (July 2013)

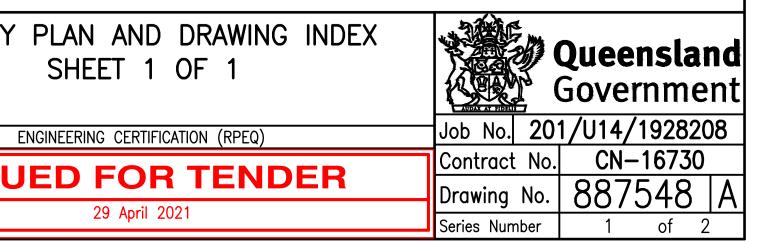
D: (External Consultants or Internal Business Unit): the requirements of all relevant Australian Standards, Austroads Guidelines and Roads - Policies. References, Standards, Planning and Design Instructions, requirements of the project brief/functional specifications.

DATE:

**ORGANISATION:** 

ND FINANCIAL APPROVAL: (Regional Director or Delegate): this scheme complies with the intent of the scope and financial limits of the QTRIP and the scheme is approved for release in accordance with that

DATE:



#### LEGEND UNLESS OTHERWISE STATED

NEW 1x80mm UPVC CONDUIT NEW 2x100mm UPVC CONDUIT EXISTING 1x80mm UPVC CONDUIT EXISTING 2x100mm UPVC CONDUIT _ _  $\langle 1 \rangle$ STATION NUMBER 175W ROADLED LUMINAIRE TO INSTALL EXISTING 250W HPS LUMINAIRE **H**  $\langle PX \rangle$ PIT NUMBER

--dt---dt---- DBYD TELECOMMUNICATIONS UG

--dg---dg---- DBYD GAS UG

---ds---ds---- DBYD SEWER MAIN UG

E-E-E-E-E-E-E-EXISTING ELECTRICITY OH

DBYD WATER MAIN UG

Lighting Scheme to comply with AS/NZS 1158:2005 and AS/NZS 3000:2018.

Lighting Design Compliant to Category V3 of AS/NZS 1158.1:2005 within the

Lighting Scheme to comply with TMR RPDM Vol 6 2nd Ed. Lighting Scheme to comply with DMR Standard Specifications MRTS 91, MRTS

Installation to comply with AS/NZS 1158..1.1:2005, AS/NZS 3000:2018 and

All materials and methods to conform with current TMR Standard Drawings and Specifications including MRTS91, MRTS92, MRTS94, MRTS210, MRTS228,

Refer TMR SD1627 for switchboard slab layout and construction details. Luminaires at all stations shall be at right angles to the carriageway. Refer TMR SD1677 for detailed joint—use electrical wiring details and SD1327

Fus events again requirements for a range of source of source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the sour

DBYD SERVICES

RATE 3 NOTES:

extents of LOR.

MRTS256

compliance.

SCOPE OF WORKS:

92, MRTS 94, MRTS 256.

TMR Rate 3 Design Requirements.

for mains connections details.

10. For traffic signal requirements refer drawing no. 887553.

2.

4

5.

6.

8

9

- NEW POST-TOP MOUNTED SWITCHBOARD 🗖 PT
- NEW CIRCULAR PIT 0
- EXISTING CIRCULAR PIT 0
- EXISTING No.4 PIT
- EXISTING No.7 PIT - No.7

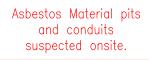
۲

- EXISTING TRAFFIC SIGNAL CONTROLLER ✍
- EXISTING POWER POLE
- NEW TERMINATION BOX (POS)
- TMR FIBRE COMMS ROUTE
- ADVANCED FLASHER CABLE ROUTE

#### SOME 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.

WARNING

# WARNING



DATE: 29 FEBRUARY 2021

GERARD ROADLED - AERO

LIGHTING DESIGN COMPLIANCE CERTIFICATE THIS LIGHTING DESIGN COMPLIES GENERALLY WITH THE NOMINATED SUB-CATEGORY OF AS/NZS 1158.3.1:2005.

٧3

LED 175W

NAME: LEONA KOLARIC

LIGHTING SUB-CATEGORY LUMINAIRE DETAILS: MANUFACTURER & MODEL TYPE & WATTAGE

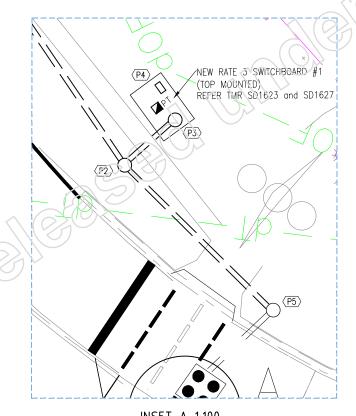
I-TABLE INITIAL LUMENS

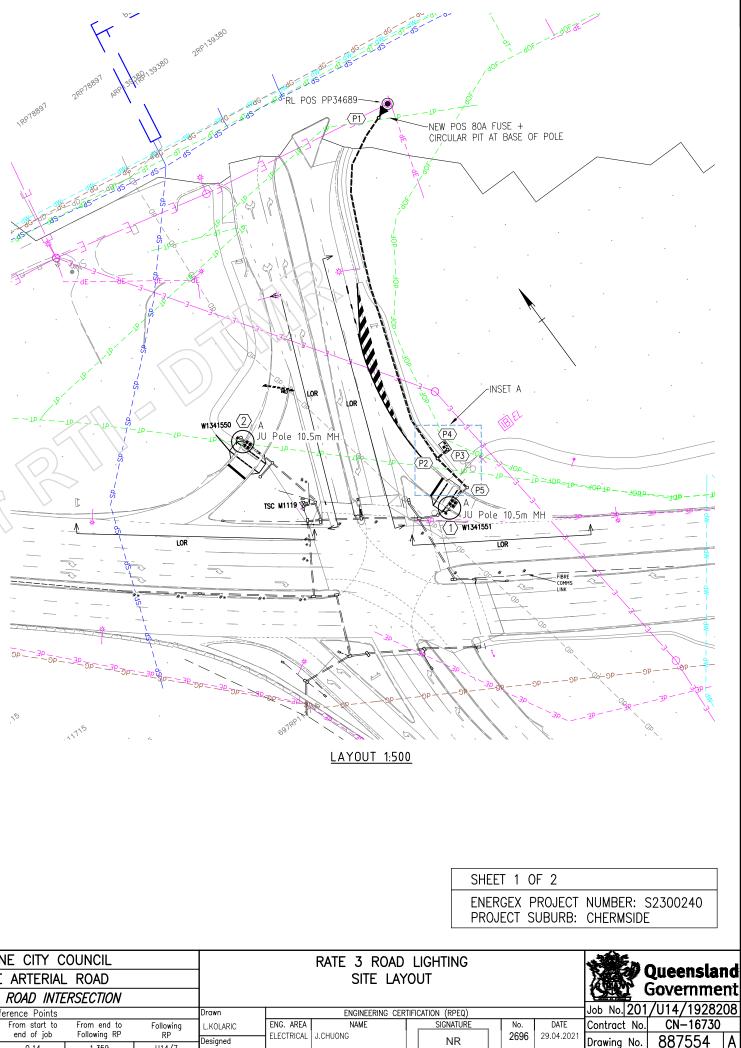
I-TABLE INITIAL LUMENS	ROADLED 175W 4K 02A AERO 216150M 21400
COMPUTER DESIGN DETAILS:	SYLVANIA ROADSTER – PHILIPS LIGHTI HPS S250C, & S150C 98100.cie, & 98207.cie 27, 500 & 14,500
AS1158.2.2005 COMPLIANT S/WARE	PERFECT LITE

TITLE: PRINCIPAL DESIGNER (ELECTRICAL

SOURCE OF PROGRAM WADELLO PTY LTD MAINTENANCE FACTOR 0.75 HPS. 0.8 LED ROAD REFLECTION CLASS N/A ALL LIGHTING CALCULATIONS ARE AVAILABLE UPON REQUEST.

FOR LIGHTING ARRANGEMENT, SPACINGS, MOUNTING HEIGHTS, OUTREACH DETAILS AND SIGNIFICANT ROAD FEATURES, REFER TO DRAWING.





2. Supply and installed new switchboard as per TMR SD Drawing 1623 and 1627. 3. Supply and install new conduit as shown in layout and schedule. Footpath reinstatement required. Refer to Civil Work Package for details. 4. Supply & install new road lighting outreaches and luminaires as shown in layout and schedule.

Joint—use poles and footings to be installed under Traffic Signal Work Package. Refer to drawings 887550—887553. Refer to drawing 887555 for road lighting schedules and schematic.

5. Supply and install new cabling and switchgear as shown in layout and schedule. 6. Supply, install, test and commission all works in accordance with TMR Standard Drawings, Technical Specifications, Technical Notes, Technical Guidelines, AS/NZS 3000: 2018 and all other relevant Australian Standards.

			<u>INSET A 1:100</u>			
		Associated Job Nos Survey Data	Scales	BRISBANE CITY COUNCIL		RATE 3 RO
-		Horiz. Datum	0 5 10 15 20m	GYMPIE ARTERIAL ROAD		SITE
		Auxiliary Drg Nos Horiz. Grid		CTL CHGE WEBSTER ROAD INTERSECTION		
		Height	<b>1</b> 0 1 2 3 4m	Reference Points	Drawn	ENGINEERING
		Datum		Preceding Dist. to start From start to From end to Following	LINULAINO	ENG. AREA NAME
Α	A Issued For Review	Survey	Dimensions shown in metres	RP of job (km) end of job Following RP RP	Designed	ELECTRICAL J.CHUONG
	Revisions/Descriptions Name or RPEQ No. Signature Date	Books	except where shown otherwise	U14/5 1.741 0.14 1.359 U14/7	, , , , , , , , , , , , , , , , , , ,	
C	CAD_FILES \\corp.tmr.ald.gov.gu\shares\Groups\WHRF-Projects\201 - Brisbane_City_Council (140)\201-U14-1	095633 Gympie Webster\3_Development\Design\WM	1\10_Electrical\Lighting\Rate 3.dwg	Through Chainage from approx. 4.751km - 4.611km	L.KOLARIC	1

#### Page Number: 313 of 333

Series Number

RL-1 of 2

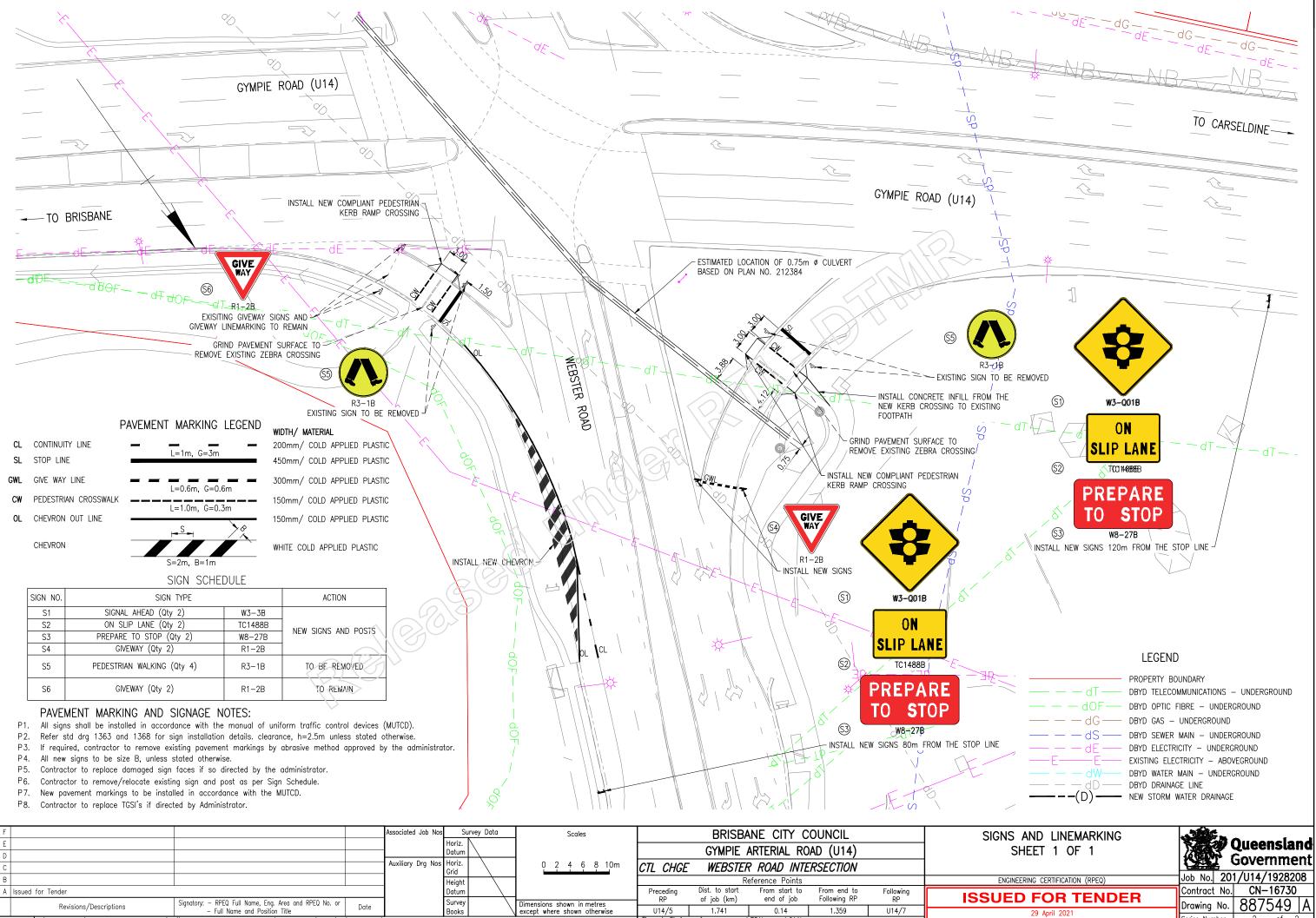
								UNDE	ERGF	ROUND EL	ECTRICA	_ CAE	BLE SCHE	DULI	E	
				LOCAT	ION	STA	TIONS FROM TO	VOLTS E	X REC	CIN	CABLE SIZE/TYF		PART SD 1	NO. 699	TOTAL LENGTH	REMARKS
PE							POS-SB	SL		X 25	mm 2C XP	LE/PVC	02	9	120m Ne	w Cable to be installed
NEW RATE 3						5	SB-STN 1	SL		X 16	mm 2C XL	PE/PVC	02	2	44m Ne	w Cable to be installed
						STN	1 – STN 2	2 SL		X 16	mm 2C XL	PE/PVC	02	2	89m Ne	w Cable to be installed
SWITCHBOARD I			GY	MPIE RD &	NEBSTER RD		TN 1 – 1	SL			mm 2C PV		016,	018	6m Ne	w Cable to be installed
	) JU										mm EARTH mm 2C PV	/				
$ _{\kappa_{1-1}}$ $ _{\kappa_{1-1}}$ $ _{\kappa_{1-1}}$ $ _{\kappa_{1-1}}$ $ _{\kappa_{1-1}}$ $ _{\kappa_{1-1}}$	2C 4mm² PVC/PVC					ST	TN 2 - 2	SL		X + 6	mm EARTH	PVC/P	VC 016,	018	5m Ne	w Cable to be installed
	+ 6mm² EARTH															
2C 16mm ²	λ									CIRCUI	T SCHEE	ULE				
2C 16mm ² XLPE/PVC	∼ RE-OPENABLE JOINT IN PIT WITH MEN		LO	CATION/SW	TCHBOARD	CIRC	UIT PHASE	STATION	S	LOA		TOTAL	TOTAL FU	SE	MINIMUM	REMARKS
	(10A FUSE)														ONDUCTOR SIZE	New Switchboard To Be
			GYI	MPIE RD &	VEBSTER RD	) 1L	1 A	1,2		2X175V	V LED	1.54A	1.54A 20	A	XLPE/PVC	Installed
	CALCULATED Z _S @ SUBMAIN CABLE									<del>}////</del>		ווחאכ	IT SCHED			
	(20A FUSE, 0.4s DISCONNECT TIME,	75 deg)= 0.4	42Ω							<u>717 -</u>	1		II SUNEL			
	MEASURED $Z_s = __\\Omega$						FROM	PIT NO.		QUANTITY	CONDUIT (mm)		USAGE	LEI	NGTH (m)	COMMENTS
							P1	P2	$\geq$	2	100		ELECTRICAL		20	INSTALL NEW
							P2	P3		2	100		ELECTRICAL		5	INSTALL NEW
	CIRCUIT SYMBOL LEGEND				$\sim$	<	P2	P5		2	100		ELECTRICAL		6	INSTALL NEW
	- Supply Authority Service Fuse			/	2//						S	FTTIN	G OUT -	PIT	<u>ک</u>	
	→ Main Switch/Disconnector				$\langle \rangle \rangle$	$\langle \rangle$				(00					TRE OF PIT) *	
	→ Fused Switch (single phase)				>		PI"	T NO.	CC ASTING	OORDINATES	NG	TYPE			COMME	ITS
		A	7	$\bigcirc$ $\sim$					374.23			RCULAR			INSTALL	NFW
				÷					329.41			RCULAR			INSTALL	
		(5)							332.96			RCULAR			INSTALL	
	$\frown$								333.35			3 EAR			INSTALL	
									331.18			RCULAR		TALLEC	) IN TRAFFIC SIG	NALS WORK PACKAGE
							*	X-Y Co	ordinc	ates are indic	ative only,	confirm	compliance	on si	te in conjuction	with TMR representative.
Main Jan Jan Jan Jan Jan Jan Jan Jan Jan Ja							ROA	AD LIGHT	ING	SCHEDUL	E					
		SITE ID	POLE	OR COMP	ONENTS			LUMINA	IRE		OUTF	REACH	BRACKET	UNT		
	LOCATION STA	N (POLE C	СОМР	EXIST RE	C ERECT	COMP	EVICTINO	RECOVE	R	ERECT	EXIS	T REC	ERECT HEI	GHT		REMARKS
		NO)	ID	(m) (m	) (m)	ID		LUMINAIRE	CUST	LUMINAIRE	CUST (m	) (m)	) (m) ^{(r}	n)		
	GYMPIE RD & WEBSTER RD	W1341550	P01		8.5JUS	SL1				GERARD ROADLED 175W	DMR		3.0 10	).5 I	INSTALL NEW O NSTALLED UNDER T	/R & LUMINAIRE, JU POLE RAFFIC SIGNAL WORK PACKAGE.
Refer to TMR standard drg nos. 1623 & 1627		W1341551	P01		8.5JUS	SL1				GERARD ROADLED 175W	DMR		3.0 10	).5	INSTALL NEW O	/R & LUMINAIRE, JU POLE RAFFIC SIGNAL WORK PACKAGE.
																WITHO SIGNAL WORK LAURADE.
A N 25mm ² 2C XLPE/PVC	CIRCUIT NOTES:															
	1. Calculations based on 23	30V supply fo	or sing	gle phase	and 400V	for th	ree phase.									
	2. Fault loop impedance ca a) 5 sec dis				raround c	ircuit	cable:									
POS P34689 (provide 80A fuse in POS)	b) 0.4 sec c	disconnect tin	ne for	r cables te	minated in											
	c) Din Rail r d) Trip curre					:2018.										
<u>CIRCUIT_SCHEMATIC</u>	3. Fault loop impedance sh contractor. Max allowable	all be measu	ured a	and confirm	ed complie	ant wit	th TRUM vol	ume 4 part	t8a	nd AS/NZS30	00 by insta	lling el	ectrical	Г	SUFET 2	05.0

contractor. Max allowable fault loop impedance shall be as specified in TRUM Volume 4 Part 8.
 Maximum rating of fuse to comply with fault loop impedance requirements. If not met, contact designer before circuit is ener
 Voltage drop calculations based on the following start and run currents: 175W LED Run = 0.77A

5														
- 3:				Associated Job Nos	Survey Data	Scales		BRISBA	NE CITY C	OUNCIL				RATE 3 ROA
021					Horiz. Datum				E ARTERIAL			1		SITE LA
~						_		GTWFT		. NOAD				
1 36				Auxiliary Drg Nos	Horiz.	NTS	CTL CHGE	WERSTER	r road inte	RSECTION				
Ā					Grid		OIL OIIOL			NOLUNUN		-		
					Height			R	eference Points			Drawn		ENGINEERING (
 p					Datum		Preceding	Dist. to start	From start to	From end to	Following	L.KOLARIC	ENG. AREA	NAME
i∰ A	Issued For Review				Survey	Dimensions shown in metres	- RP	of job (km)	end of job	Following RP	RP	Designed	ELECTRICAL	J.CHUONG
Ŵ	Revisions/Descriptions	Name or RPEQ No. Signature	Date		Books	except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7	L.KOLARIC		
CAD	FILES \\corp.tmr.qld.gov.au\shares\Groups\WHRF-Projects	s\201 - Brisbane City Council (140)\2	01-U14-10	95633 Gympie Webster	\3_Development\Design\W	M\10_Electrical\Lighting\Rate 3.dwg	Through Chainac	e from approx. 4	.751km - 4.611km		•	L.KULARIC		

#### Page Number: 314 of 333

ergised.							
				CT NUMBER 3: CHERMS		0240	
ROAD LIGHTING LAYOUT	;				<b>Quee</b> i Gover	nme	ent
ING CERTIFICATION (RPEQ	)			Job No. 201	/U14/ [·]	19282	208
SIGNATUR	RE	No.	DATE	Contract No.	CN-	16730	)
NR		2696	29.04.2021	Drawing No.	8875	555	A
L				Series Number	RL-2	of	2



				111-2-	\								0.01
				Horiz.	$\backslash$					ARTERIAL RO			
				Datum					GINIFIL /	ANTENIAL NO			
			Auxiliary Drg Nos	Horiz. Grid			0 2 4 6 8 10m	CTL CHGE	WEBSTER	r road inte	RSECTION		
				Height					R	eference Points			E
Issued for Tender				Datum	`	$\setminus$		Preceding	Dist. to start	From start to	From end to	Following	ISSU
Revisions/Descriptions	Signatory: - RPEQ Full Name, Eng. Area and RPEQ No. or	Date		Survey			Dimensions shown in metres	RP RP	of job (km)	end of job	Following RP	RP	1330
Revisions/ Descriptions	<ul> <li>Full Name and Position Title</li> </ul>	Date		Books			except where shown otherwise	U14/5	1.741	0.14	1.359	U14/7	
FILES G:\WHRF-Projects\201 - Brisbane City Council (14	0)\201-U14-1095633 Gympie Webster\3_Development\Design\WM	\02_Drawings	SIGNS AND LINEMARKIN	lG.dwg				Through Chaina	ge from approx. 4	.751km – 4.611km			

Series Number

Project Number:	
Contract Number: 0	
Project Boundary: BRISBANE CITY COUNCIL	A WIANN
Asset Name: U14 GYMPIE ARTERIAL ROAD	
Location: WEBSTER ROAD INTERSECTION	Queensland Government
B	

### Work Package B - Road Construction (Traffic Signals)

IOTE: Estimate	must be considered absolutely as the property of Transport ar	nd Main Roads	until the acce	ptance of a tender, a	nd must under no
rcumstances be	-				
	Work Package B - Road Const	-	Traffic Si	ignals)	
Item Number	Description	Unit of Measure	Quantity	Unit Rate (\$)	Amount (\$)
RS02 Jul 20					
	Provision for Traffic				
20017.01	Planning of temporary traffic management (TMP)	lump sum	1.00		
20018.01	Design of temporary traffic management (TGS)	lump sum	1.00		$\sim$
	Implementation, maintenance and removal of	lump sum	1.00		
20019.01	temporary traffic management				$\langle \rangle \rangle$
		lump sum	1.00		
	Administration of temporary traffic management				$\sim$
IRS96 Jul 17					>
	Management and Removal of Asbestos				
21301.01	Identifying and managing asbestos on Site [pits and	lump sum	1.00		
21302.01	conduits within scope of works] Removing and disposing of Asbestos Containing	lump sum	1.00	1/	
21002.01	Material on Site [pits and conduits within scope of	amp sum	1.00	$\langle \ \rangle$	
	works]				
IRS91 Jul 20					
	Conduit and Conduit Fittings Underground		$ /\langle \rangle $		
60007.01	Supply and installation of [2] of [100] mm, [HD], [rigid	m	20.00	<u> </u>	
	PVC orange electrical] conduit(s), in [concrete island].			}	
60007.02	Supply and installation of [2] of [100] mm, [HD], [rigid	m	20.00		
	PVC orange electrical] conduit(s), in [road].				
	Ancillary Works				
60154.01	Removal of cable jointing pit(s) (all types)	each 🧷	2.00		
	Cable Jointing Pits				
	Supply and installation of cable jointing pit [Circular].	each	6.00		
RS92 Mar 18					
	Traffic Signal Footings				
60301.01	Traffic signal post footing	each	4.00		
	Road Lighting Footings				
	Road lighting pole footing, [600] mm diameter.	each	2.00		
IRS93 Oct 17				C-	TPI
00400.04	Traffic Signal Equipment	L	4.00		
60403.01	Supply and installation of traffic signal equipment, [7x new finials to suit 36 core cable]	lumpsum	1.00		
60403.02		lumpsum	1.00		
	8-Group Lamp Control Module]				
	Traffic Signal Posts and Mast Arms				
60459.01	Supply and installation of traffic signal post [4.1]	each	4.00		
60461 01	metres long, [without] hinged baseplate. Supply and installation of joint use traffic signal and	each	2.00		
00401.01	road lighting pole, [8.5] metres long.	Cauli	2.00		
	Traffic Signal Lanterns				
60507.01	Supply and installation of [ground mounted] traffic	each	6.00		
	signal lantern, [LF:D], [2] aspect, [200] mm aspect				
00500.04	diameter and [single] (arget board.		1.00		
	Supply and installation of pedestrian lantern, [LED].	each	4.00		
60511.01	Supply and installation of traffic signal pedestrian push button, [audio-tactile].	each	4.00		
	Detector Loops				
60556.01	Surply and installation of Personality EPROM	lumpsum	1.00		
	Commissioning and testing of Personality EPROM	lumpsum	1.00		
RS256 Jul 18		i i			
$\langle \vee \rangle$	Power Cables				
67103.01	Supply of traffic signal cable, [1.5mm²], [36] cores,	m	420.00		
$\sim$	[XLPE], [PVC], [Cu].				
67103.02	Supply of traffic signal cable, [1.5mm ² ], [19] cores,	m	10.00		
67110.01	[XLPE], [PVC], [Cu].	m	120.00		
07110.01	Installation, jointing and termination of traffic signal cable, [36] cores.	m	420.00		
67110.02	Installation, jointing and termination of traffic signal	m	10.00		
				1	
	cable, [19] cores.			1	
67191.01	Removal of underground cable	m	200.00 Workpacka		

Project Number	•:	
Contract Numb	er: 0	
Project Bounda	ry: BRISBANE CITY COUNCIL	A REAL
Asset Name: U	14 GYMPIE ARTERIAL ROAD	
Location: WEB	STER ROAD INTERSECTION	Queensland Government
C		

NOTE: Estimate must be considered absolutely as the property of Transport and Main Roads until the acceptance of a tender, and must under no circumstances be divulged.

# Work Package C - Road Construction (Road Lighting)

Item Number	Description	Unit of Measure	Quantity	Unit Kate (\$)	Amount (\$)
					~
MRS02 Jul 20	Describing for Troffic				
	Provision for Traffic			$\longrightarrow$	
	Planning of temporary traffic management (TMP)	lump sum	1.00	$\left[ \right] $	
20018.01	Design of temporary traffic management (TGS)	lump sum	1.00		
	Implementation, maintenance and removal of	lump sum	1.00		
20019.01	temporary traffic management				
		lump sum	1.00		
20020.01	Administration of temporary traffic management				
MRS91 Jul 20			$\setminus$ $\vee$		
	Conduit and Conduit Fittings Underground				
60007.01	Supply and installation of [2] of [100] mm, [HD], [rigid	m	115.00		
	PVC orange electrical] conduit(s), in [earth].	KV =			
	Cable Jointing Pits				
60204.01	Supply and installation of cable jointing pit [Circular].	each	3.00		
60204.02	Supply and installation of cable jointing pit [P4].	each	1.00		
MRS94 Nov 19					
	Road Lighting	h			
60702.01	Supply of [single] road lighting outreach arm, [3000]	each	2.00		
	mm long.				
60711.01	Installation of road lighting outreach arm	each	2.00		
60724.01	Supply and installation of road lighting luminaire,	each	2.00		
	[Gerard], [ROADLED 175W 02A AERO 4K 216150M].				
MRS228 Jul 18				1	NR
	Switchboards				
64201.01	Supply of top mounted switchboard and ancillary	each	1.00		
	components				
64202.01	Supply and construction of a concrete pad for the	lump sum	1.00		
	erection of switchboard post		1.00		
	Installation of top mounted switchboard and	each	1.00		
	ancillary components				
MRS228 Jul 18					
	Mains Connection				
64251.01	Supply of mains connection equipment, including the	each	1.00		
	supply of mains connection cable, [110m], [LV mains				
	to 80A fuse], [25mm ² ], [2] cores, [XLPE], [PVC], [Cu].				
64252 01	Installation of mains connection including mains	each	1.00		
04232.01	connection cable	eacn	1.00		
MRS256 Jul 18					
	Fower Cables				
67101-01	Supply of underground road lighting cable, [16mm ² ],	m	130.00		
01101.01	[2] cores, [XLPE], [PVC], [Cu].		100.00		
67105.01	Supply of cable joint, [fused].	each	2.00		
	Installation, jointing and termination of underground	m	130.00		
0.100.01	road lighting cable, [2 cores]		100.00		
	0 0 /L -1		Workpacka	ne Total:	

# Linda M Hogg

From:	transportandmainroads@ministerial.qld.gov.au						
Sent:	Monday, 24 May 2021 10:59 AM						
То:	TMR DLO						
Subject:	INCOMING CORRORemoved North Brisbane Bikeway / Webster Road slip lanes						
Attachments:	CombinedWebsterSlipLanes240521.pdf						

For processing please... Gai

 From:
 @gmail.com>

 Sent:
 Monday, 24 May 2021 9:47 AM

 To:
 Transport and Main Roads < Transportand MainRoads@ministerial.qld.gov.au>

 Subject:
 North Brisbane Bikeway / Webster Road slip lanes

Good morning,

Please find attached a letter for the Minister concerning pedestrian and cyclist safety at the Gympie/Webster intersection in Aspley, associated with the current bikeway extension project along Gympie Road to Nevin St.

Thanks,	
Remayed	

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and /or publication of this email is also prohibited.

Unless stated otherwise, this email represents only the views of the sender and not the views of the Queensland Government.

Please consider the environment before printing this email.

24 May 2021

To: The Honourable Mark Bailey MP, Minister for Transport and Main Roads

Cc: Cr David McLachlan, Infrastructure Committee Chair BCC; Melanie Castles, TMR Metropolitan Region; Anna Campbell, Queensland Walks

Dear Minister,

Last week I contacted your department regarding the pedestrian crossings on Webster Road at Gympie Road in Aspley. I include a copy of the letter I sent for your reference.

The North Brisbane Bikeway extension through Marchant Park is a fantastic facility, both as an active transport link and as a recreational resource for walkers and cyclists. I commend the Brisbane City Council and the State government for their ongoing commitment to improving it. However, the free-flow slip lanes at Webster Road remain a considerable hazard to vulnerable road users.

I am pleased to say the response I received to my letter was extremely positive. In phone conversations on Friday 21 May, I was reassured to hear that the TMR project team agrees both with my assessment of the situation at Webster Road and with my concerns, in particular:

Replacing the zebra crossings on the slip lanes with signalised crossings will make an already dangerous situation worse, but retaining the current crossings is not legally possible due to sight lines and traffic speed.

There is no treatment of these slip lanes which is safe besides removal.

I was told that removal of these slip lanes is TMR's policy and intent, but is not possible in the short term because there is no budget in the current financial year for building a new left turn lane on Gympie Road.

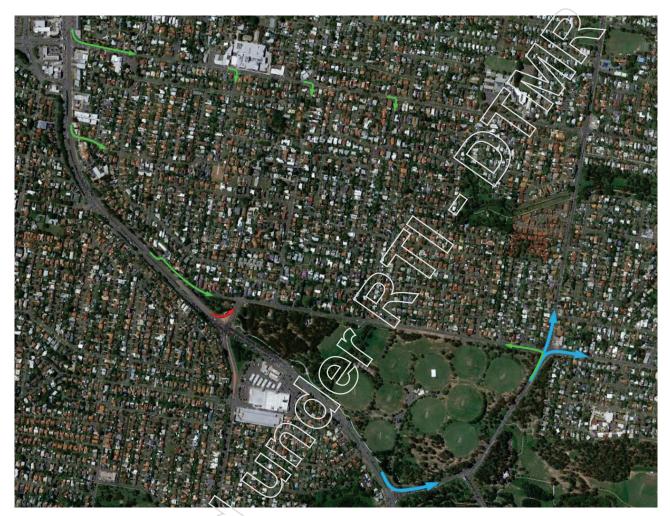
Minister, I hope you agree that making this intersection more dangerous for vulnerable road users is not an acceptable outcome of the current bikeway upgrade, even if there is a plan to fix the problem some time in the future. Therefore, I am writing to you today to offer some local perspectives which will hopefully help TMR to close the slip lanes as part of the current project.

# The Eastern Slip Lane (Webster to Gympie)

There is surely no reason this slip lane cannot be closed immediately, with provision for left-turning traffic added to the leftmost of the three lanes at the traffic lights. On Friday, the project leader suggested that the need for buses to turn this corner might be an issue. This surprised me: as a former Brisbane City Council bus driver myself, I can't imagine a square turn into the three lanes of Gympie Road would present any difficulty for a standard bus at all. If it really is a problem, it could be solved by redirecting the single bus route that currently turns here straight along Webster Road.

# The Western Slip Lane (Gympie to Webster)

As Gympie Road is a major arterial, closing the slip lane prior to constructing an additional turn lane would necessarily remove the left-turn facility altogether: adding an optional turn to a general traffic lane would not be feasible. However, there are several alternative routes available to drivers who currently turn here.



On the map above, the slip lane to be closed is indicated by a red arrow.

Local access routes, indicated by green arrows, include:

- 1) Left then right into the Gympie Road service road.
- 2) Left into Nevin St.
- 3) Left into Robinson Road West, then right into Kirby Road or an appropriate side street.
- 4) Continuing to Murphy Road, then left into Ellison Road.

Through traffic intending to travel along Murphy or Ellison Roads can continue to Murphy Road, then turn right or continue, as indicated by the blue arrows.

There are no bus routes that require this turn, so that is not a consideration. Traffic passing through the intersection in any direction other than turning left from Gympie to Webster would, of course, be entirely unaffected by the slip lane closure.

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Given the large number of alternative routes, and the recent widening of Murphy Road with an additional lane, the local network can surely handle the redirected traffic of a single slip lane with no ill effect – either temporarily until a new turn lane on Gympie Road is funded and built, or permanently.

Permanent removal of the left turn from Gympie to Webster would not only avoid the considerable cost and disruption of constructing a new turning lane, but would also allow for a longer, automatic green phase on the bikeway crosswalk with no conflicting traffic, further improving the compliance and safety of pedestrians and cyclists at this intersection.

I hope this letter is of use to you and the project team. Please let me know if I can provide any more information: if it would be useful, I would be happy to meet with you, staff from your office, or members of the project team on site at Webster Road to discuss the issues in situ.

Yours sincerely,

Remayed	
Removed 24 May 2021 Removed	

# COPY OF LETTER DATED 21 MAY FOLLOWS -

21 May 2021

To: Bart Mellish MP, Member for Aspley; Cr Fiona Hammond, Marchant Ward; Melanie Castles, TMR Metropolitan Region.

Cc: Anna Campbell, Queensland Walks; Gayle Dallaston, Shady Lanes; Brisbane City Council Bikeway Project Team.

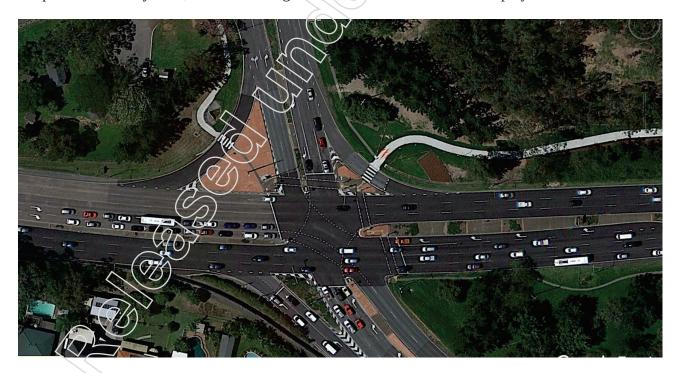
Dear All,

I am writing to explain my concerns with the signalisation that TMR is proposing at the slip lanes at the intersection of Webster Road and Gympie Road in Aspley, in conjunction with the building of an active transport path along the Ellison and Gympie Road service road currently underway by the Brisbane City Council. **The proposed treatment is dangerous** and will result in injury and death to vulnerable road users.

## **Background**

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The current treatment of the slip lanes is with zebra crossings, and I understand why TMR considers this unsatisfactory, due to both sight distances and speed. The slip lanes are a high-speed, free-flow design originally constructed as a semi-rural highway junction in the late 1960s. The current speed limits are 70km/h on Gympie Road and 60km/h on Webster Road. This is not a safe environment for pedestrians or cyclists, much less a high-volume active link between Aspley and Chermside.



Solutions such as a raised wombat crossing or rebuilding the slip lanes to modern high-angle standards have presumably, and rightly, been dismissed as being too costly and disruptive to build, and not providing an adequate safety improvement over the current situation.

Instead, TMR is proposing to replace the current zebra crossings with signalised pedestrian crosswalks. These crosswalks would use a red-yellow-off aspect cycle for the traffic-facing signal heads: a green light cannot be used, as motorists must still give way to pedestrians and conflicting traffic on the road ahead.

The widespread signalisation of slip lanes is a relatively recent innovation and is mandated by TMR's 2020 Road Planning and Design Manual any time there is a 'compelling operational justification' to provide a slip lane. Signalising slip lanes appears to be unique to Queensland and Australia (with other jurisdictions specifying removal or non-construction as the only valid practice), and there are no public studies as to their practical safety benefit. Rare historical examples, like at Rainbow St and Bowser Parade in Sandgate pictured, are on high-angle lanes in low-speed environments, not on free-flowing highway slips like those at Webster Road.



## Why the Proposed Treatment is Dangerous

Deploying this type of signalisation on the slip lanes at Gympie and Webster Roads is dangerous and inappropriate, because:

## 1) Pedestrian and cyclist compliance will be extremely low.

TMR's Traffic and Road Use Management manual reports that pedestrian compliance at a typical two-stage signalised crossing is less than 50%. The same document also recommends against signalising single slip lanes due to even lower expected pedestrian compliance.

The signalisation of the slip lanes will create, along a major active transport path, a *three*-stage crossing, with the outer stages comprising crossings of single slip lanes. We must expect that the overwhelming majority of pedestrians and cyclists will not stop, push three buttons and wait three times to cross, but will simply observe traffic and continue across the intersection regardless of the signal lights.

It is of no comfort to know that, when a pedestrian is struck by a car here, we'll be able to shrug our shoulders and say "it's their own fault; they should have waited for the lights". Instead, we should avoid building environments that criminalise ordinary pedestrian behaviour.

## 2) Motorist awareness of pedestrians will be significantly reduced.

The current pedestrian crossings on the slip lanes feature large, reflective signs and zebra pavement markings. Observing this treatment reminds motorists of their responsibility to give way to pedestrians on the slip lane, and they will scan the

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immediate area for pedestrians and, typically, stop and give way if necessary, although the high speeds, short sight lines and high traffic and pedestrian volumes at this particular intersection mean the crossings remain unacceptably dangerous.

By comparison, the proposed treatment renders pedestrians *effectively invisible* in the motorists' workflow. Motorists who stop to comply with a red signal are paying attention to the signal, not to pedestrians; while motorists who observe the signal to be blank will not be reminded of their responsibility to pedestrians, and will immediately switch to scanning for conflicting road traffic.

Motorists in Queensland have a responsibility to give way to pedestrians and cyclists at all slip lanes, but generally do not stop and give way at slip lanes without zebra crossings – either because they're unaware of the obligation, or more often because their attention is elsewhere and they do not see the pedestrians at all. Adding a traffic signal makes this situation worse; it both draws motorists' attention away from pedestrians crossing the road, and many motorists will incorrectly interpret a blank signal aspect as indicating the roadway is clear and they have right of way.

These two factors, combined with increased pedestrian and cyclist activity expected as a result of the bikeway upgrade, would significantly increase the risk of fatal and serious accidents at this intersection.

## A Proposed Solution and Future Opportunities

There is no safe treatment option for these slip lanes. **The slip lanes must be closed.** 

The conversation around the closure of the slip lanes could used to build local support for future improvements to the Gympie and Webster intersection. Specifically, closing the slip lanes should be the first stage in a process that could include:

Closing Webster Road entirely north of the intersection, removing the remaining signalised crossing from the bikeway and reuniting the Lions Park with Marchant Park as a continuous public space, as they were in the 1960s. This would also remove rat-running traffic from local roads, particularly Kirby Road, and streamline peak-hour traffic flow along Gympie Road.

Removing the remaining slip lanes from the intersection, and restoring the missing pedestrian links and crossings on the western side. This would dramatically improve local active connectivity, including improving access to the Chermside Markets shopping centre and the high-frequency 340 bus service.

But these are discussions for later. The immediate priority must be closing the slip lanes north of the intersection. Signalising them will only make them more dangerous.

Yours sincerely,

**Remaved**d

Removed 21 May 2021 Removed a

**Tempyod**d

## Sina Z Louei

From: Sent: To: Subject: Marilyn L Gaka Wednesday, 26 May 2021 1:10 PM Sathya Z Sivakkumar; Sina Z Louei FW: 1928208 - Gympie/Webster Road Project

Hi Sathya,

FYA please.

Kind Regards

#### Marilyn Gaka

A / Team Lead (Maintenance) | Metropolitan Region **Program Delivery And Operations** |Infrastructure Management & Delivery Division| Department of Transport and Main Roads

Nathan Depot | 1 University Rd | Nathan Qld 4001 GPO Box 70 | Spring Hill Qld 4004 (07) 3347 5282 | M: NR marilyn.l.gaka@tmr.qld.gov.au www.tmr.qld.gov.au

From: Sina Z Louei <Sina.Z.Louei@tmr.qld.gov.au> Sent: Wednesday, 26 May 2021 9:31 AM To: Marilyn L Gaka <Marilyn.L.Gaka@tmr.qld.gov.au> Cc: Ram Ramachandran <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au> Subject: 1928208 - Gympie/Webster Road Project

Hi Marilyn,

I hope you are well.

We are currently managing a project located at the intersection of Gympie and Webster road, Aspley. We noticed during the site visit and aerial photos (Figure 2 and 3) that there are excess vegetation on the "V" drain channel that runs parallel to the Gympie Road (shown with a red line in figure 1). This could potentially reduce the effeteness of this drain to promote drainage. Lwould appreciate it if you could please create a job for our maintenance crew to remove and clear all vegetation from the drain and surrounding.

Please see below the scope of works for your information. Could you please let me know when the works are going to be undertaken.

Scope of Works:

- Location Gympie Road
- Chainage:
  - o Start @ 4,620
  - o Finish @ 4,430
- Objective:
  - $\circ$   $\;$  Removal and clear all vegetation from the "V" shaped drain and surround
  - Easting and Northing coordinates:
    - o Start point: -27.373746, 153.023954

- Finish point: -27.374616, 153.025525
- Path length = 190m
- Photos for your information:



Figure 1 - Scope of works





Figure 2 - Starting point



Figure 3 - Finish point

Please let me know if you have any queries.

Kind regards,

Program Delivery Department of Tra Floor 15   Adelaid PO Box 70   Sprin P: (07) 3347 5263	ansport and Main R e Street   Brisbane ng Hills QLD 4000 } M: <u>NR</u>	ch   Infrastructure N oads		Delivery Division	
Customers first	() Ideas into action	Unleash potential	Be courageous		Queensland Government
Great state. Great opports					

# **Catherine R Troccaz**

From:	Sang V To
Sent:	Thursday, 27 May 2021 2:53 PM
То:	Sina Z Louei
Cc:	Ram Ramachandran; Matthew A Baylis
Subject:	RE: CN-16730, SO 6160030132, Gympie Rd and Webster Rd PE 26.05.21

Hi Sina,

We have installed 1 x 100mm onsite but the order was placed for a 2x100mm prior to us doing the walk down and was decided on the last minute to have a 1 x 100mm.

So unfortunately I will need to charge you 2 x 100mm and not 1 x 100mm.

Kind Regards,

Sang To Project Manager BEng MIEAust CPEng NER RPEQ APEC (Electrical) | Brisbane Operations Unit RoadTek South | Infrastructure Management & Delivery | Department of Transport and Main Roads

10 Oregon Street | Hemmant Qld 4174 M: 0412 760 237 sang.v.to@tmr.qld.gov.au www.tmr.qld.gov.au

# ThinkSAFE, WorkSAFE, StaySAFE



Crossing at traffic lights? Don't touch the button, elbow bump it instead!

From: Sina Z Louei <Sina.Z.Louei@trnr.qld.gov.au>
Sent: Thursday, 27 May 2021 1:31 PM
To: Sang V To <Sang.V.To@trnr.qld.gov.au>
Cc: Ram Ramachandrar <Kanagaratnam.Z.Ramachandran@tmr.qld.gov.au>; Matthew A Baylis
<Matthew.A.Baylis@trnr.qld.gov.au>
Subject: RE: CN-16730, SO 6160030132, Gympie Rd and Webster Rd PE 26.05.21

Good afternoon Sang,

Thank you for preparing the sale order for Gympie/Webster project.

I noticed that you have ordered 2No. of 100mm conduits, however, as agreed previously and as per your request during the site inspection, we have revised the design to reduce the new conduit that we running from Pole 45491 (currently shown as New 2x100mm UPVC Conduit) to one (New 1x100mm UPVC conduit (attached email for your information – item 4). Please correct me if I'm wrong but did we still ordered 2No. of 100mm conduits?

Please let me know if you have any queries.

Kind regards,

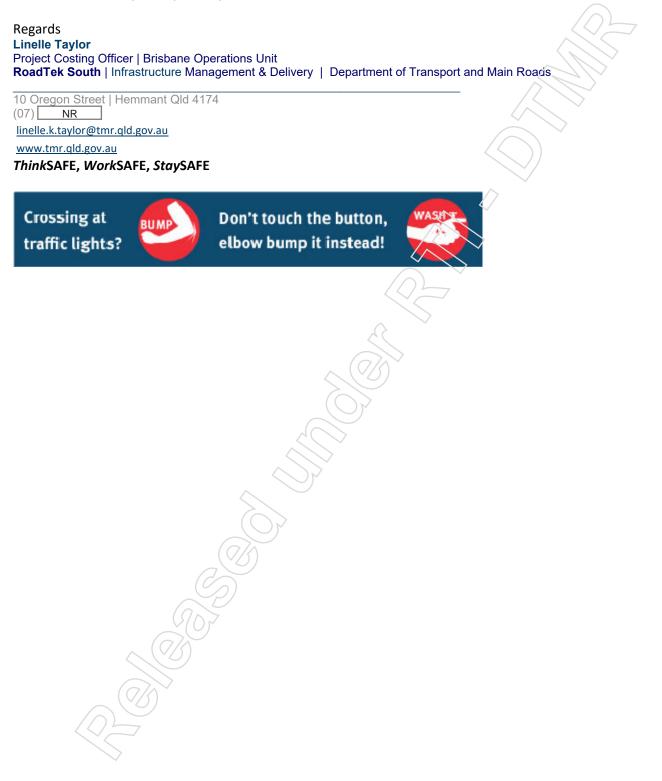


Hi Sina

Please find attached Sales Order and supporting documentation for CN-16730 for Gympie Rd and Webster Rd PE 26.05.21

Please review and give approval to Metropolitan Costing so Sales order can be unblocked.

Please contact us if you require any further information.



From: Sent:	Sang V To Monday, 31 May 2021 4:08 PM					
То:	Sina Z Louei					
Cc:	Ram Ramachandran; Peter N Calligeros; Bruce A Sielaff; Matthew A Baylis					
Subject: RE: 1928208 - Gympie/Webster Road Project - CN16730						
Hi Sina,						
Thank you for the	e IFC drawings and much appreciate the update buddy!					
	e inclurawings and much appreciate the update buddy!					
Kind Regards,						
	Eng NER RPEQ APEC (Electrical)   Brisbane Operations Unit					
Road lek South	Infrastructure Management & Delivery   Department of Transport and Main Roads					
	(/ ``					
10 Oregon Street	Hemmant Qld 4174					
M: NR						
sang.v.to@tmr.qld.g www.tmr.qld.gov.au						
ThinkSAFE. Wo	orkSAFE, StaySAFE					
Crossing at traffic lights	P Don't touch the button, elbow bump (trinstead!					
Crossing at traffic	lights? Don't touch the button, elbow bump it instead!					
-						
From: Sina Z Loue	ei <sina.z.louei@tmr.qld.gov.au></sina.z.louei@tmr.qld.gov.au>					
	L May 2021 3:52 PM					
	ang.V.To@tmr.qld.gov.au>					
-	andran <kanagaratnam.z.ramachandran@tmr.qld.gov.au>; Peter N Calligeros</kanagaratnam.z.ramachandran@tmr.qld.gov.au>					
	ps@tmr.qld.gov.au>					
	B - Gympie/Webster Road Project - CN16730					
-						
Hi Sang						

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I hope you are well and enjoyed your weekend mate.

Please find attached the finalised IFC drawings for 1928208 - Gympie/Webster Road Project - CN16730. Please note that we are in process of paying the Energex bill in order to obtain the approval letter for connection. I will send you the approval letter as soon as I receive it.

Please let me know if you have any queries.

Kind regards,

Program Delivery Department of Tra Floor 15   Adelaid PO Box 70   Sprin P: (07) 3347 5263	ansport and Main R e Street   Brisbane g Hills QLD 4000 M: NR	ch   Infrastructure N oads		Delivery Division	
Customers first	() Ideas into action	Unleash potential	Be courageous	Empower people	Queensland Government
Great state. Great opportu					