CTMP Addendum 7 - Railway Colonnade Drive Rev 3



# Central Station Main Works Project

Construction Traffic Management Plan

Addendum 7

Railway Colonnade Drive Rev 3





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#### CTMP Addendum 7 – Railway Colonnade Drive Rev 3



#### Introduction

This addendum provides additional information to the CTMP Rev 04 produced for Central Station Main Works.

Through design development, it has been identified that works need to be undertaken on Platform 1 at Central Station.

This addendum outlines the access arrangements for construction vehicles accessing Railway Colonnade Drive which provides direct access onto Platform 1.

This access is a current vehicle point and is used by a coaches and other construction vehicles.

Access to Railway Colonnade Drive is required for constructing the combined service route (CSR). The CSR runs around the perimeter of Central Station and provides containment for communications and high voltage power cables.

#### **Compliance Matrix**

#### **Minister's Conditions of Approval**

The Minister's Conditions of Approval (CoA) are addressed in Table 1 with the full descriptions provided in Appendix F of Central Station Main Works Project Construction Traffic Management Plan Rev 4.

#### **Programme of Works**

This access will be utilised by construction vehicles from September 2019 to December 2019 during a localised shutdown of Platform 1 to complete scope.

The majority of vehicle movements have been programmed to occur out of peak hour to minimise the pedestrian interaction. These works will be 24 hours a day during a railway possession. Peak hours are 7am to 10am, 12pm to 2am and 4pm to 7pm.

## CTMP Addendum 7 – Railway Colonnade Drive Rev 3



Month:	Estimated No. of Movements	Vehicle Type:
September 2019	50 vehicle movements  Max 15 per 12 hour shift	Vac Trucks 8T Tippers UTE's / Light Goods Vehicle
		Concrete Agitator Truck mounted concrete pump 8m flatbeds Crew Truck
October 2019	50 vehicle movements  Max 15 per 12 hour shift	Vac Trucks 8T Tippers UTE's / Light Goods Vehicle Concrete Agitator Truck mounted concrete pump 8m flatbeds Crew Truck
November 2019	100 vehicle movements  Max 15 per 12 hour shift	Vac Trucks 8T Tippers UTE's / Light Goods Vehicle Concrete Agitator Truck mounted concrete pump 8m flatbeds Crew Truck
December 2019	100 vehicle movements  Max 15 per 12 hour shift	Vac Trucks 8T Tippers UTE's / Light Goods Vehicle Concrete Agitator Truck mounted concrete pump 8m flatbeds Crew Truck

#### **Interface**

Railway Colonnade Drive is on the Central Station precinct and is accessed from Pit Street which is covered within the existing CTMP Rev 04 produced for Central Station Main Works.

### CTMP Addendum 7 – Railway Colonnade Drive Rev 3



Pedestrian and bicycles will only be diverted if required, following consultation and approval from Central Station Precinct and Sydney Trains.

Temporary signage if required, will be installed by our traffic control team during work window only after obtaining approval from Central Station precinct and Sydney Trains.

Prior to accessing Railway Colonnade Drive with our construction vehicles we will obtain approval from Central Station precinct and Sydney Trains.

This TMP will be developed through consultation with all members of the Traffic Control Group (TCG). Table 1 below identifies the stakeholders consulted during the development of this TMP.

Stakeholder	Date	Consultation	Main Contact People
TCG	21.05.2019		Philip Brogan
		Sydney & Laing O'Rourke	Stephen Brown
			Chao Chen
			Jake Coles
			Gordon Farrelly
			Naomi Fiegel
			Berin Gordon
			Vidushi Handa
			Ken Hind
			Daniel Kelly
			Sam Laporte
			Jonathon Luna
			Tony Ly
			Victor Setiadi
TCG	18.06.2019	SM, SCO, RMS, City of	Jennifer Adams
		Sydney & Laing O'Rourke	Philip Brogan
			Stephen Brown
			Chao Chen
			Gordon Farrelly
			Naomi Fiegel
			Berin Gordon
			Bernard Grace
			Daniel Kelly
			Michaela Kemp
			Justin Knight
			Sam Laporte
			Tony Ly
			Declan McGarry



CTMP – Addendum 7 Submission Rev 01	05.09.2019	SCO, Metro & RMS	Carl Mella James Nguyen Cameron Savage Victor Setiadi Giovani Ramirez Jake Coles Phil Brogan Quac Minh LA Carl Mella David Garrod Teresa Avila
CTMP – Addendum 7 Submission Rev 02	09.09.2019		Giovani Ramirez Jake Coles Phil Brogan Quac Minh LA Carl Mella David Garrod Teresa Avila
TCG	10.09.2019	Sydney & Laing O'Rourke	Jennifer Adams Guillaume Barnes Matthew Billings Philip Brogan Stephen Brown Paul Dalziel Gordon Farrelly Bernard Grace Ken Hind Daniel Kelly Michaela Kemp Sam Laporte Carl Mella James Nguyen Cameron Savage Sajid Shaikh Shannon Souksavong
CTMP – Addendum 7 Submission Rev 02	11.09.2019		Quac Minh LA Carl Mella

# CTMP Addendum 7 – Railway Colonnade Drive Rev 3



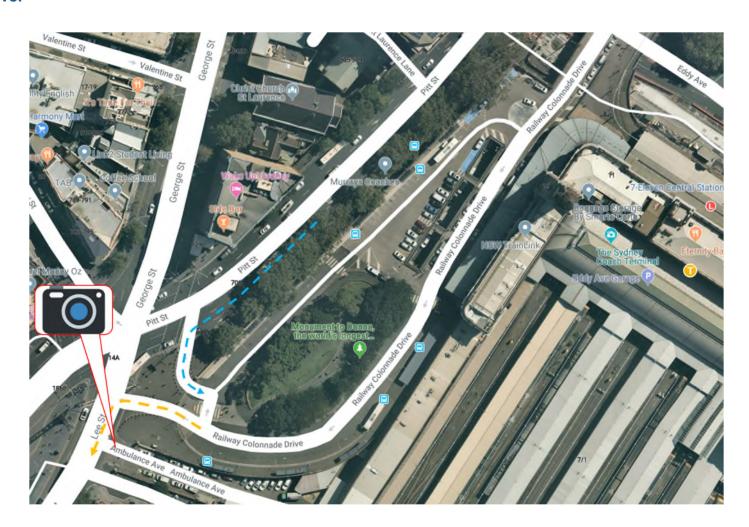
Comments Received			
CTMP – Addendum 7 Submission Rev 03	12.09.2019	Sydney & Laing O'Rourke	Giovani Ramirez Jake Coles Phil Brogan Quac Minh LA Carl Mella David Garrod Tony Li

Table 1 - Stakeholder engagement

## CTMP Addendum 7 – Railway Colonnade Drive Rev 3



#### **Route of travel**



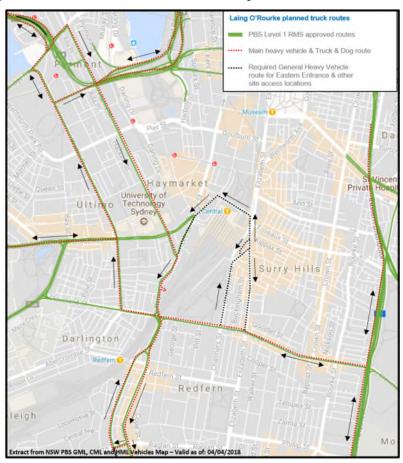




## CTMP Addendum 7 – Railway Colonnade Drive Rev 3



#### **Approved Heavy Vehicle Route beyond the entrance / exit to railway Colonnade Drive:**



CTMP Addendum 7 – Railway Colonnade Drive Rev 3



#### **Appendix: Received Comments**



#### **REVIEW COMMENTS SHEET**



DOCUMENT NO.	TITLE	WI	STATE -	HO -	DATE	COMPAN -	RAISED BY	REVIEW DOC. NO."	DOCUMENT REF.	DEED REF*	COMMENTS / RESPONSE	COMMENT CATEGORY	CLOSED OU
SMCSVCSM-LOR- SMC-LM-PLN-005357	CTMP Addendum 7 - Mortuary Sidings Access - Bailway Colonnade Drive	A.01	RVW	01	19/06/2019	SMD	PBROGAN	SMCSWCSM-LOR-SMC-LM-PLN-000008	General	Schedule E3	'Proposal to access bus depot and Railway Colonnade Drive has been tabled at recent TCG	Observation	N
								SMCSWCSM-LOR-SMC-LM-PLN-000008	General	Schedule E3	Noted	Observation	N
				02	19/06/2019	SMD	PBROGAN	SMCSVCSM-LOR-SMC-LM-PLN-000008	General	NA	'Can the contents of Addendum 7 be included in Addendum 6 and this document be deleted?	Observation	N
								SMCSWCSM-LOR-SMC-LM-PLN-000008	General	NA	No as addedum 6 has already been approved	Observation	N
				03	19/06/2019	HBI	APALUDETTO	SMCSVCSM-LOR-SMC-LM-PLN-000008	General	Schedule E3	'Has Add. 7 undergone a road safety audit? See CTMF V2.5.1 Mar 2019 Sec 10.	Potential No Compliance	n- N
								SMCSWCSM-LOR-SMC-LM-PLN-000008	General	Schedule E3	Railway Colonnade Drive is on the Central Station precinct and is accessed from Pit Street which is covered in our existing CTMP (Ver. 6 May 2019).	Potential No Compliance	u- N
	10			04	19/06/2019	HBI	APALUDETTO	SMCSVCSM-LOR-SMC-LM-PLN-000008	General	Schedule E3	'Can Add. 7 describe how existing bicycle, pedestrian and vehicle users will be diverted when necessary?	Potential No Compliance	u- N
								SMCSVCSM-LOR-SMC-LM-PLN-000008	General	Schedule E3	Pedestrians and bicyles will only be diverted following consultation and approval from Central Station Precinct and Sydney Trains.	Potential No Compliance	n- N
				05	19/06/2019	HBI	APALUDETTO	SMCSWCSM-LOR-SMC-LM-PLN-000008	Page 7	Schedule E3	'Add. 7 cites heavy vehicle trafficitruck & dog) on Cleveeland Abercromble, Wattle Sts. Are there routes for those vehicles consistent with CTIMF Ver. 2.5 i Mar 19 Sec. 7? Alternate routes proposed, approved for use? Is a consistency assessment required?	Potential No Compliance	n- N
								SMCSVCSM-LOR-SMC-LM-PLN-000008	Page 7	Schedule E3	The route shown in Add, 7 is as per figure 2 in the CTMP Ver, 6 May 2019.	Potential No Compliance	n- N
				06	19/06/2019	HBI	APALUDETTO	SMCSVCSM-LOR-SMC-LM-PLN-000008	General	Schedule E3	"Have requirements of REMM T6 been considered? Temp signage, barriers between pedestrians, cyclists, heavy vehicles and related driver education	Potential No Compliance	n- N
								SMCSVCSM-LOR-SMC-LM-PLN-000008	General	Schedule E3	Temp signage is only installed by traffic control team during work window after obtaining approval from Central Station precinct and Sydney Trains	Potential No Compliance	n- N
				07	19/06/2019	SMD	AHENDY	SMCSWCSM-LOR-SMC-LM-PLN-000008	General	Schedule E3	Suggest including compliance matrix demonstrating addendur in conjunction with main CTMP complies with all requirements. I) Suggest where relevant for CoA / REMM / CTMF requirement, referring to main CTMP; 2) For CoA / REMM. CTMF requirements to be covered by addendum or where changes are occurring due to addendum (eg. consultation REMM T8; REMM T22 etc) suggest including relevan information within addendum and providing reference for this in compliance matrix.	Potential No Compliance	u. N
								SMCSVCSM-LOR-SMC-LM-PLN-000008	General	Schedule E3	Section added reffering to Main CTMP	Potential No Compliance	u- N
				08	19/06/2019	SMD	AHENDY	SMCSVCSM-LOR-SMC-LM-PLN-000008	Page 4	NA	Programme of Works, second sentence, page 4 of 6 - States "The majority of vehicle movements have been programmed to cocur out of peak hour to minimise the pedestrian interaction! What sort of vehicles is this referring to? i.e. light vehicles heavy exhibites etc.	Observation	N
								SMCSVCSM-LOR-SMC-LM-PLN-000008	Page 4	NA	All vehicles	Observation	N



					M.	Transpor	t		sydney		NSW	<b>Tran</b> : Road	<b>sport</b> s & Maritime
	Document:	CTMP - Central Stat	tion Main Wo	orks Add 7	VERNMENT	for NSW			METRO		GOVERNMENT	Servi	ces
	Version:	1.02											
	Date of review:	9/09/2019											
em		ubject to additional acti	ion / informa	пеципеше				nem	DUG			Response	DMC
No	Contract	Contractor	Rev	Ref (COA o	Stakeho	lder Reviewer	Date	Description,	RMS comment	Contractor Response	Date	Status	RMS response
1	CSM	LORAC	1.02		RMS	CM	09-Sep-2019	4	Introduction: What works will need to be undertaken via the use of this access?	Added into introduction section	09.09.2019		
2	CSM	LORAC	1.02		RMS	см	09-Sep-2019	4	Compliance Matrix: Introduction Indicates this is an addendum to Rev 4 of the main CTMP. This paragraph refers to a Rev 6. I believe the latest approved version for the Central Station Main Works CTMP is Rev 4. Can you please send us a copy of the approval you have received for Rev 6?	This has been revised.  Note, Rev 4 of the main CTMP was approved on 31st July 2018 Via email  Rev 7 was submitted - 29th July 2019  Eddy Avenue Vehicle Access Removed & Added drawing showing boom gates on Regent Street. There has been no change from Rev 4 and Rev 7 that affect this addedure.	09.09.2019		
3	CSM	LORAC	1.02		RMS	СМ	09-Sep-2019	4	The fundamental elements for a CTMP submission to be considered for approval should include:  - the number of vehicle movements for these works  - the size of the vehicles expected  - the hours of operation  - impacts to road network and mitigations if necessary - how pedestrian movements will be managed across site access/egress  - any associated TCPs  - when this was presented to TCG - the stakeholders this CTMP has been distributed to Ensure that all these are addressed before	Number of vehicle movements have been added Size of vehicles have been added Hours of operation have been added Not expecting any adverse impact to road network interface section has been added for pedestrian movements No associated TCPs as it's a standard road turning Stakeholder engagement with Sydney Trains and Station Precint is continious	09.09.2019		
4	CSM	LORAC	1.02		RMS	СМ	09-Sep-2019	Арр	The comments received from stakeholders should be included as an appendix to the CTMP		09.09.2019		
5	CSM	LORAC	1.02		RMS	СМ	09-Sep-2019	Арр	A map of the heavy vehicle routes beyond the site access/egress should be included in this submission. A TCP associated with this submission should be	Added  N.A access is via a normal road use	09.09.2019		
6	CSM	LORAC	1.02		RMS	CM	09-Sep-2019	App	included to show how access/egress will be	turn into the drive way	09.09.2019		



Central Station Main Works  CTMP Addendum 7 - Railway Colonnade Drive Rev 1				COMPLIANCE S O Observation D From info of document/desi N Non-Comp	n / Comment currently provided not able to determine whether gn is compliant.	L Certification	ct to additional action / information	HBI Ref:	
tem Description, Page, Para, Drg ref	Reviewer	Discipline	Date	Requirement Ref	Reviewer Comments	Compliance Status	Contractor Response	Date	Compliance Status
Introduction	J.Coles	SCO	09-Sep-2019		Introduction references Rev 4 of the overaching CTMP, Compliance Matrix section references Rev 6. Please confirm which is correct.		This has been updated	09.09.2019	
Programme of Works	J.Coles	sco	09-Sep-2019		Please define the period of time meant by "peak hour."		This has been added in programme of works section	09.09.2019	
Programme of Works	J.Coles	SCO	09-Sep-2019		Please provide the estimated number of vehicles per day using this arrangement, type of vehicles and turning paths for these vehicles.		This has been added in programme of works section	09.09.2019	
Route of travel	J.Coles	SCO	09-Sep-2019		Please provide the haulage routes relating to this operation.		A separate drawing has been added	09.09.2019	
Route of travel	J.Coles	sco	09-Sep-2019		The area proposed has very high pedestrian volumes. How will the conflict between pedestrians and heavy vehicles be managed on site?		Pedestrians and bicycles will only be diverted following consultation and approval from Central Station Precinct and Sydney Trains. Temporary signage is only installed by traffic control team during work window after obtaining approval from Central Station precinct and Sydney Trains	09.09.2019	



									ydney Metro City & Southwe Stakeholder Comment Track				
	Document: Version:	CTMP - Central	Station I	Main Work Gove	SW RNMENT	Transpor for NSW	t		sydney		NSW GOVERNMENT	Tran Road Servi	<b>Isport</b> ds & Maritime ices
800	Date of RESPONSE 5 O Open C Closed C5 Closed sul	9/09/2019 TATU5 bject to additional action	on / informa	6on									
	Centract	Cantracter	Duc Rev	Requirement Ref (COA ar	Stakehuld	er Reviewer	Date	Item Description,	RMS comment	Contractor Response	Data	Respunse Status	RMS response
Γ	CSM	LORAC	1.02		RMS	СМ	09-Sep-2019	4	Introduction: What works will need to be undertaken via the use of this access?	Added into introduction section	09.09.2019	Closed	
	CSM	LORAC	1.02		RMS	см	09-Sep-2019	4	is an Addendum to Rev 4 of the main CTMP. This paragraph refers to a Rev 6.1 believe the latest approved version for the Central Station Main Works CTMP is Rev 4. Can you please send us a copy of the approval you have received for Rev 6?	This has been revised.  Note, Rev 4 of the main CTMP was approved on 31st July 2018 Via mail  Rev 7 was submitted - 29th July 2019 2019  Eddy Avenue Vehicle Access Removed & Added drawing showing boom gates on Regent Street. There has been no change from Rev 4 and Rev 7 that affect this addedum.  Rev 7 that affect this addedum.  CTMP Rev 7 Transmitted amber: 3MCS b'CSM LORTX-002299	09.09.2019	OPEN	Rev T aubmission from July 2013 could not be found. Can you please provide TeamBinder reference of this 23 July 2013 aubmission for ou records?
	CSM	LORAC	1.02		RMS	см	09-Sep-2019	4	The fundamental elements for a CTMP submission to be considered for approval should include:  - the number of vehicle movements for these works  - the size of the vehicles expected  - the hours of operation  - impacts to road network and mitigations if necessary  - how pedestrian movements will be managed across site access/egress - any associated TCPs  - when this was presented to TCG  - the stakeholders this CTMP has been distributed to TCG and the stakeholders this CTMP has been distributed to TCG.	Number of vehicle movements have been added size of vehicles have been added Hours of operation have been added Hours of operation have been added not expecting any adverse impact to road network Interface section has been added for pedestrian movements No associated TCPs as it's a standard road turning stakeholder engagement with Sydney Trains and Station Precint is continious A stakeholder cangagement table has been added to the CTMP.	09.09.2019	OPEN	These points have not be addressed: when this was present TOG the stakeholders this 0 has been distributed to Please include a table equivalent to "Toble 1-t Stakeholder Engageme (pg 20) from Capping I and Randle Lane Slab
T	CSM	LORAC	1.02		RMS	СМ	09-Sep-2019	Арр	The comments received from stakeholders should be included as an appendix to the	Added	09.09.2019	Closed	
Ī	CSM	LORAC	1.02		RMS	см	09-Sep-2019	Арр	A map of the heavy vehicle routes beyond the site access/egress should be included in this	Added	09.09.2019	Closed	
	CSM	LORAC	1.02		RMS	СМ	09-Sep-2019	Арр	A TCP associated with this submission should	N.A - access is via a normal road use turn into the drive way	09.09.2019	Closed	
Γ													

### CTMP Addendum 7 – Railway Colonnade Drive Rev 3





Thu 12/09/2019 3:39 PM

Carl Mella <Carl.MELLA@rms.nsw.gov.au>

RE: CTMP addendum 7 - Railway Colonnade

To Kelly, Daniel

Cc Giovanny Ramirez cordoba; Garrod, David; Tony Ly

flag for follow up.

Alert - This email was sent from outside Laing O'Rourke.

Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

#### Daniel,

As noted in the RMS comments sheet, a table showing when this CTMP has been distributed and to who should be included in this CTMP, similar to the below (taken from your Capping Beam and Randle Lane Slab TMP).

Note 'Submission of TMP' consultation is included here. This helps us confirm that all stakeholders have had the opportunity to review the CTMP and when they received it.

Date	Consultation	Main Contact People			
08/05/19	SCO presentation	Giovanny Ramirez, Stephen Brown, Philip Brogan			
27/08/19	All members	SCO/ RMS/ Council/ Metro			
29/08/19	Submission of TMP	Giovanny Ramirez, Jake Coles, Stephen Brown, Aaron Gale			
29/08/19	Submission of TMP	Carl Mella, Quac Minh La			
29/08/19	Submission of TMP	Tony Ly, Van Le			
29/08/19	Submission of TMP	Philip Brogan, David Garrod			
	08/05/19 27/08/19 29/08/19 29/08/19 29/08/19	08/05/19         SCO presentation           27/08/19         All members           29/08/19         Submission of TMP           29/08/19         Submission of TMP           29/08/19         Submission of TMP			

Regards,

Carl

From: Kelly, Daniel [mailto:daniel.kelly@laingorourke.com.au]

Sent: Thursday, 12 September 2019 1:44 PM

To: Giovanny Ramirez cordoba; Jake Coles; Philip Brogan; Quac minh La; Carl Mella; David Garrod; Tony Ly

Subject: CTMP addendum 7 - Railway Colonnade

All,

Please see attached final draft and close out comments for CTMP addendum 7 - Railway Colonnade.

Can you all please review and let me know of any changes prior to submitting formally via Team Binder.

Daniel Deveney-kelly Logistics Manager

Logistics Manager Central Station Main Works

Laing O'Rourke Australia

Level 21, 100 Mount Street, North Sydney 2060

#### CTMP Addendum 7 - Railway Colonnade Drive Rev 3





Tue 17/09/2019 8:11 AM

Quac minh La <QuacMinh.LA@rms.nsw.gov.au>

RE: CTMP addendum 7 - Railway Colonnade - RMS comments

To Kelly, Daniel

Cc Carl Mella

Alert - This email was sent from outside Laing O'Rourke.

Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

#### CAUTION - This email was sent from outside Laing O'Rourke

Hi Daniel,

RMS has no further comments regarding this CTMP.

Once you receive confirmation from all the other stakeholders that they have no further comments, could you please submit the CTMP through TeamBinder for approval. This also applies for all upcoming CTMPs for approval.

Regards,

Minh

From: Kelly, Daniel [mailto:daniel.kelly@laingorourke.com.au]

Sent: Monday, 16 September 2019 4:45 PM

To: Carl Mella

Cc: Giovanny Ramirez cordoba; Jake Coles; Philip Brogan; Quac minh La; David Garrod; Tony Ly

Subject: RE: CTMP addendum 7 – Railway Colonnade

All,

Please see attached updated version to address RMS comments below.

Thanks,

Daniel

#### **CSM General Correspondence**

Reference No: SMCSWCSM-RMS-CSM-GEN-000017

Project Title: Sydney Metro City & Southwest - SSJ, Central and SSC

Contract No: CSM - Central Station Main Works

Orig Ref No: DLM:

Date: 27 September 2019, 07:51 AM

From: Quac Minh LA, Roads and Maritime Services

To: Jennifer Finn, Laing O'Rourke
CC: Phil Brogan, Sydney Metro
David Garrod, Sydney Metro

Teresa Avila, Sydney Metro Anthony McMahon, Roads and Maritime Services

Carl Mella, Roads and Maritime Services Steve Brown, Sydney Coordination Office

Tofiga Tuaopepe, Sydney Metro

Subject: CSM - CTMP Addendum 7 - Railway Colonnade Drive - approval

#### Hi Jennifer,

In accordance with Schedule C1 Appendix A.9 Section 2.1 ( c ) and 2.2 ( c ) of the Principal's General Specifications G10 – Traffic and Transport Management and Minister's Condition of Approval E82 for the Sydney Metro City & South West, the Roads and Maritime Service of NSW and the Sydney Coordination Office approve the Sydney Metro City & South West Construction Traffic Management Plan – Central Station Main Works, Addendum 7 Mortuary Sidings Access – Railway Colonnade Dr Rev 3 (SMCSWCSM-LOR-SMC-LM-PLN-005357.03.RVW.03.03) for the Sydney Metro City & South East project subject to the following requirements:

- · obtaining Road Occupancy Licenses (RoLs) from the Transport Management Centre as required;
- complying with haulage routes as approved by SCO/RMS and described in the Central Station Main Works CTMP Rev 04.01;
- a Road Safety Audit being undertaken and addressing any safety issues identified within the Road Safety Audit review for this CTMP, in advance of any works commencing;
- addressing any issues raised by Council, STA, Taxi Council, residents/businesses or Emergency Services in the CTMP approval process;
- addressing the requirements arising as an outcome of the Local Pedestrian, Cycling and Traffic Calming Committee meeting;
- · promptly addressing any SCO and/or TMC and/or RMS issue that eventuates during the works

Regards, Minh