Traffic Guidance scheme installation:

Date: --/--/--

Traffic Guidance scheme installer:

Full Name: __

ITCP or TCT: _ Expiry Date/Issue Date: --/--/--

Signature : _____

Date: --/--/--

Traffic Guidance scheme Modifications:

Full Name:

PWZTMP or TCT:

--/--/--Expiry Date/Issue Date:

Signature : ___

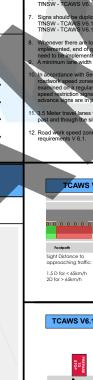
Date: --/--/--

Traffic Modification Notes:

NSW Road Network Classification Map

State Road

Regional Road



Work Notes

Work Location:

TGS Information:

Planners Info:

Miscellaneous Info:

Site Specific Notes

- Workman signs are to be covered when there is no work currently bein conducted on site.
- The speed of traffic SHALL be reduced to 40 km/h when workers on foot are closer than 1.5m to traffic as per TfNSW TCAWS V6.1 Sec. 4.3.5, Table
- A PTCD sign relevant to the device used, such as Board Barrier symbolic (T1-972n) or Signate symbolic (T1-972n) or Signate symbolic sign (T1-80), or a Traffic Controller by sign (T1-43) must be used to give advance withing of the presence of traffic control. A PREPARE TO STOP (T1-16) sign must also be used when trais required to stop at the traffic control (as from the traffic control is sign must only be used when the traffic control is in operation and must be removed or covered up when traffic control is discontinued or during breaks, such as lunch as per TINSW TCAWS V6.1 Sec. 5.4.3, Table 5-11.

- must be duplicated or at 0.5D as per TCAWS

Recording & Monitoring

The worksite traffic control signs and devices must be inspected by the accredited traffic controller team leader who holds a PWZTMP who make regular inspections that are carried no less then twice a day. These results shall be recorded and any changes made are to be submitted to the principal contractor at completion of the shift. If there are any emergencies or incidents out boste the contractor shall immediately notify the site supervisor and the emergency services.

Modification of TGS

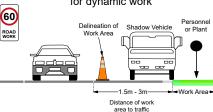
iller who holds a Prepare a work zone TMP ticket ordance with Section 7.10.3 tolerance of the TCAWS V 6.1

TCAWS V6.1, Sec. 4.3.5: Work Area Protection

Recommended controls for static, short-term work



Recommended controls for dynamic work



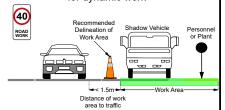
TCAWS V6.1, Table 7-2: Dimension D based on Speed Zones

Repeater PTS signs required when distance A exceeds 4D

CAWS V6.1, Sec. 4.6.3: End-of-Queue Management



Recommended controls for dynamic work



TCAWS V6.1, Table 4.4.2: Pedestrians ropriate delineation devices use to ensure that pedestrians are able to move safely - min 1m clearance at local constrictions - elsewhere min 2m

Signposts to indicate the direction of footway must be adequate
 TC's may need to be positioned to guide and assist pedestrians

Speed Sign Covering/Repeaters

Speed Reduction Signage to be to be repeated between 200M to 500 Meters Max





TCAWS V6.1, Sec 6.5.6 Duplication of Signs

Signs should be duplicated:

- Signs should be duplicated:

 On multilane roads with volumes of 10,000 vpd or greater;

 For lane status signs (T2-8-1, T2-8-2 etc.) regardless of vpd;

 On the outside of left hand curves where the sign is seen on approach to the work area;

 On medians of dual carriageways where parked vehicles or other objects obscure kerb side/footpath signs; and
 At other locations where conditions are such that duplicate signs improve safety and guidance as identified in the TMP or risk assessment.

 Duplication of signs should not be used, where:

- Duplication or signs should not be used, where:
 It will introduce potential safety risk during installation;
 It will be necessary to cross the road on foot carrying signs;
 It will be necessary to cross the road on foot carrying signs;
 I'veriff the shoulder is too narrow to position the signs not park the work vehicle; or
 I'veriff to he will be used to have too large a lateral offset as to not be obvious to motorists e.g. on a six lane, two-way undivided road.

TCAWS V6.1, Sec. 5.3.5						
Stop/Slow	Stop/Slow VMS Board/C-Class Signs Requirement					
F • • •	> III	R_	†			
- PTCDs or TCs with Stop/Slow bats must be clearly visible to road users - ITCP, works supervisors or team leaders must ensure that do not adversely affect road users and adjacent properties	- on high speed roads, high volume roads and busy roads in build-up areas, flashing arrow signs must be used at night - back-up units are made available on critical works	- Standard signs must be used for night works - All signs must have either Class 400 or Class 400T yellow sheeting	- approved Class N Hi-Vis clothing for night-time works that conform with AS 4602.1 must be worn - Any additional PPE must be worn as required - PPE must be clean			

TCAWS V6.1, Table 5-13: Min Sight Distance						
Existing Length of Permanent Speed [km/h] [L]		Minimum Clear Sight Distance to oncoming traffic				
less than 105	less than 60m	300m				
less than 105	greater than or equal to 60m	L + 250m				
greater than 105	less than 60m	400m				
greater than 105	greater than or equal to 60m	L + 350m				

TCAWS V6.1, Table 7-10: Permitted Tolerences for positioning of signs and devices

Tolerence	Positioning of signs, length of taper or marking	Spacing of delineating devices
Minimum	10% less than the distances or lengths given	Nil
Maximum	25% more than the distances or lengths given	10% more than the spacing shown

TCAWS V6.1, Table 6-3: Sign spacing requirements

Toloronos	Approach	ing speed
Tolerance	less than 65km/h	65km/h or greater
Minimum	D	2D
Maximum	D	D

Boom Gates Operation: 50km/h & Above (TCAWS V6.1 B.4) Sight Distance Min 1.5D Work **→**-30m-**>** Area (TCAWS V6.1 B.4), , 30m

Pedestrian and Cyclist Management

All pedestrian & cyclist control measures, for the duration of the construction works will be monitored as required for effectiveness & improvements. Appropriate warning signage and directional signage will be in place and monitored throughout the works as per the provided TGS's attached to this document. Where current documented control measures are ineffective, A PWZTMP qualified person(s) should be contacted to suggest changes.

Risk Assessment to develop a Site Specific TGS

#	Task	Hazard	Risk Rating	Control Measures	Risk Rating	for control measures
1	Implementation of approved traffic control devices	Struck by vehicle Manual Handling Slips, Trips & Falls Cuts & Abrasions	4B	- Follow safe work methods cuttined in SWMS - Set up off drop dock, use cover vehicle & or TMA at all times - Cliar communication with spoties follow with potential encoming motorists - Must use fall restraint when on drop deck	3C	All Site Staff
2	Working on foot implementation of delineation devices as per TGS	Struck by vehicle Manual Handling Slips, Trips & Falls Cuts & Abrasions	4B	- Follow safe work mencular custimed in SWME? - Set up off dop deck, use confirmation - Set up off dop deck, use confirmation - Clear communication with appointed them with potential oncoming motorials.	3C	All Site Staff
3	Stopping traffic at Control Point or cross over points	Struck by vehicle Slips, Trips & Falls	4C	- Only stop trafficiagh approved PCTD - Select saffestopping distance - Ensure complet amount of PCTS are combs to gardy & effectively manage trafficitive as per TGS - TGS SUSS NAVE ESCAPE ROUTE	3D	All Site Staff
4	Handling irritated and upset motorists and other road users	Struck by vehicle Verbal, Physical, Mental Abuse	3C	- Do not engage with hate MCP/ Motorist - Report incident to 1s. Immediately - Desculate his tellular by confirming with your duries, until 1s. or representatives to available to handle the situation - TIOS MUST HAVE ESCAPE ROUTE	3D	All Site Staff
5	Pedestrians within work zones & exclusion zones	Struck by vehicle Verbal, Physical, Mental Abuse Slips, Trips & Falls	4B	- det up deer excharion zone for MCOSE WQF, around sorks zone Whose practical us physical bit set or delivitation to guide MCP / WCP safely around exclusion zone Ensurely the connect amount of TC's are contain to Sefectively manage the work she	3C	All Site Staff
6	Performing Dynamic Works (Mobile Works) Including set up & Pack down	Vehicle collision Vehicle Interaction with W@F / MOP	4C	-Abide by sife datances cultired in TCAMS 18.1 between vehicles -Line Covert histories vehicles - Or TSAX where possible - Follow Total Work Methods outlined in SVMIS - In SVMIS	4D	All Site Staff
7	Performing Works behind delineation devices	Vehicles crashing into worksite due to driver distraction	5C	- ensure that 52R is in place, advanced warning signs are neadble - workers have an except roote appropriate lighting on die - the distance of 1.5m from live traffic is migrations.	3C	All Site Staff
8	Emergency Services wanting to get past work area	Emergency Services being delayed due to TTM set-up	4B	- Emergetry Services have to be informed prior to the commencement of works - emergency services have to be given pointly of other traffic at all times	2C	All Site Staff
9	Inclement Weather	Poor weather conditions resulting in poor	4C	-Advance warning signs have to be easily readable -appropriate lighting on site -workers leve to wear weather appropriate ppg	2C	All Site Staff

	CONSEQUENCES					
_		1. Insignificant	2. Minor	3. Major	4. Severe	5. Catastrophic
ПНООБ	A. Almost Certain	Medium (1A)	High (2A)	Extreme (3A)	Extreme (4A)	Extreme (5A)
E E	B. Likely	Medium (1B)	High (2B)	High (3B)	Extreme (4B)	Extreme (5B)
=	C. Possible	Low (1C)	Medium (2C)	High (3C)	High (4C)	Extreme (5C)
	D. Unlikely	Low (1D)	Low (2D)	Medium (3D)	High (4D)	Extreme (5D)
	E. Rare	Low (1E)	Low (2E)	Low (3E)	Medium (4E)	High (5E)

4 Extreme	URGENT - Stop work immediately, the risk requires immediate attention
3 High	Continue with supervision and control measures in SWMS or site risk assessment
2 Medium	Use control measures to ensure risk is low as reasonably possible
1 Low	Use control measures to keep risk low

General Notes

- The designer of the TGS must hold a current PWZTMP qualification issued by Safe Work NSW
- The TGS must be prepared in accordance with TfNSW TCAWS V6.1 (issued on 28 Feb 2022). Any partures in situations were the min. Requirements contained in the TCAWS are not achievable, or are not achieving the required level of risk management must be documented as per Sec. 2.8.
- The TGS MUST be read in conjunction with the associated risk assessment.
- 4. It is the clients responsibility to have all necessary permits on site before commencing works.
- 5. The TGS SHALL ONLY be implemented by either an "Implements Traffic Control Plan" ITCP or "Prepare Work Zone Traffic Management Plan" PWZTMP qualified person.
- 6. Before the commencement of works, a toolbox talk needs to be held
- 7. A "TTM Inspection checklist" must be filled out prior to the implementation of the TGS and a "Post site inspection confirmation" must be filled out after the completion of works as per TfNSW - TCAWS V6.1 -Appendix E3 & E4.
- 8. Traffic Controllers need to identify and make note of escape routes prior to the commencement
- 9. Hand held UHF radios are to be utilized where required to communicate between traffic control & site
- 10. The Principal contractor has to notify local Emergency Services prior to the commencement of works.
- 11. Traffic Controllers have to ensure that the ROL (if required) has been activated prior to each shift and deactivated once shift has ended via the TMC web app.
- 12. Advance signs SHALL be mounted at a minimum height of 200mm displayed as prominently as possible by selecting the longitudinal location of the sign for best sight distance for approaching traffic. Signs continuously required for works which will be in progress for periods longer than 2 weeks should be erected in a permanent manner, e.g. on posts sunk into the ground, and duplicated on the right side of the road.
- 13. Traffic volumes should be monitored throughout the implementation of the TGS(s). In the event queue lengths become unmanageable, works should cease if possible and traffic cleared before recommencing.



TCAWS V6.1, Table 7-3: Recommended taper lengths

	Rec	Recommended Taper Length [m]			
Speed [km/h]	Traffic Control Taper	Lateral Shift Taper	Merge Taper		
45 or less	15	15	15		
46 to 55	15	15	30		
56 to 65	30	30	60		
66 to 75	N/A	70	115		
76 to 85	N/A	80	130		
86 to 95	N/A	90	145		
96 to 105	N/A	100	160		
Greater than 105	N/A	110	180		

Note to Table 7-3: Speed is defined as the speed [km/h] of traffic at a position in the TGS where a device is located

- The measured speed
- The predicted speed of traffic
- The preceding roadwork speed zone in accordance with Section 7.3 Dimension D; or The existing posted speed limit

Implementation Instructions

Before work commences, signs and devices at the approaches to and within the work area SHALL be implemented in accordance with the approved Traffic Guidance Schemes and the Traffic Control Companies Safe Work Method

- Statements, in the following sequence:

 1) Traffic Controllers implementing signage are to ensure all signage is available for implementation prior to shift.
- Signs & devices in side streets leading into the works are to be implemented first. Where required, detours are to be in place before
- commencing any closures.

 3) All signage on arterial and main road alignments to be implemented with the flow of traffic.
- 4) Signs are to be implemented in all non affected lane(s) first and all
- Signs are to be implemented in all non affected lane(s) first and all conflicting signs are to be covered.

 Signs in the affected lane to be implemented, Taper, Speed Reduction, Safety buffer (if applicable), and Delineation to be implemented with the traffic flow. Conflicting signs to be covered in process.
- Ensure signs & devices are correct before works commence.

 Once works have finished, Traffic Control are to pick up delineation and taper's in reverse. Then pick up advance warning signs with the flow of
- tramc.

 8) A TGS must be installed, maintained and removed in a planned and safe manner.

 The implementation of a TGS must only be undertaken by an ITCP gualified person.

 (TfNSW TCAWS V6.1 Sec. 7.10.1)

 9) Signs and traffic control devices must be installed in a sequence via GPS, survey, landmarks, side streets or chainage in accordance with TCAWS V6.1 Sec. 6.4 and
- AGTTM Sec. 6.2

 10) An implementation TGS should be provided if the risk of implementation is deemed high. The sequence of implementation should be determined as part of the drafting process in TGS or SWMS, rather than being determined on-site.

 (TfNSW TCAWS V6.1 Sec. 7.10.2)

TCAWS V6.1, Table 6-2: Spacing of cones and bollards

Purpose and usage	Speed zone of device location [km/h]	Maximum spacing [m]
On approach to a traffic controller position (centerline or edge line)	All cases	4
Merge Tapers	55 to 75 greater than 75	9 12
Lateral shift tapers	55 to 75 greater than 75	12 18
Protecting freshly painted lines	55 to 75 greater than 75	24 60*
All other purposes	less than or equal to 55 56 to 75 greater than 76	4 12 18

redestrial Management Options Analysis						
Options Available	THROUGH	PAST	AROUND			
Options Selected	Selected	Selected	Selected			

	Traffic Management Options Analysis					
OPTION	DESCRIPTION	METHOD TYPE	TGS SELECTED			
AROUND	Vehicles detoured via existing road network or sidetrack	Full road closure / One-way road closure / Detour	Selected			
		Lateral Shift				
	Vehicles past defineated work zones	Shoulder closure				
PAST		Contraflow (2 way traffic maintained)				
		Single or Multi Lane Closure	Selected			
		Single Lane Shuttle Flow	Selected			
THROUGH	Vehicles through work zone	Temporary Road Closure / Hold & Release / Local Traffic Access / Pilot Vehicle				

Cyclist Management Options Analysis					
Options Available	THROUGH	PAST	AROUND		
Options Selected	Selected	Selected	Selected		

Dimension "D" (Main Roads)	xxxx	meters
Dimension "D" (Minor Roads)	xxxx	meters

Hierarchy of Controls Framework							
Eliminate	Removing the risk of live traffic	Use of around TTM methods (detours) or eliminating activities through design					
Substitute	Replacing people with devices to perform the work required	Replacing workers on foot with devices, such as tractor mowing or use of PTCDs					
Isolate	Separating workers from traffic with a form of barrier or protection	Using past TTM methods including approved safety barriers					
Engineer	Providing a physical change to protect workers	Use of TMA's, lighting or temporary portable rumble strips					
Training & Admin	That rely on the road user following directions	Use of through TTM methods including cones, bollards and delineation					
PPE	Increasing workers visibility with PPE	High visibility clothing with retro-reflective banding					

Risk Evaluation Matrix

Risk Ratings: Very High VH	CONSEQUENCE							
High H Medium M Low L	Insignificant C6	Minor C5	Moderate C4	Major C3	Severe C2	Catastrophic C1		
Almost Certain L1	М	Н	Н	VH	VH	VH		
Very Likely L2	М	М	Н	Н	VH	VH		
Likely L3	L	М	М	Н	Н	VH		
Unlikely L4	L	L	М	М	Н	Н		
Very Unlikely L5	L	L	L	М	М	н		
Almost Unprecidented L6	L	L	L	L	М	М		

LIKELIHOOD MEASURES	Almost Certain	Expected to occur multiple times (10 or more times) during any given year (more than 25% chance of occurrence) This risk is known to occur frequently.
	Very Likely	Expected to occur occasionally (1 to 10 times) during any given year (10 to 25% chance of occurrence) This risk is known to occur often.
	Likely	Expected to occur once during any given year (1 to 10% chance of occurrence) This risk is known to have occurred on occasions.
	Unlikely	Expected to occur once every 1 to10 years (0.1 to 1.0% chance of occurrence) This risk could occur but not often.
	Very Unlikely	Expected to occur once every 10 to 100 years (0.01 to 0.1% chance of occurrence) It is unusual that this risk occurs but it has happened.
	Almost Unprecidented	Not expected to occur in the next 100 years (less than once every 100 years)(less than 0.01% chance of occurrence) Any risk can occur but it is very improbable that this risk will occur within the large number of events.

QUENCE MEASURES	Insignificant	Illness, first aid or injury not requiring medical treatment. No lost time
	Minor	Minor injury or illness requiring medical treatment. No lost time post medical treatment
	Moderate	Minor injuries or illnesses resulting in lost time
	Major	1 to 10 serious injuries or illnesses* resulting in lost time or potential permanent impairment
	Severe	Single fatality and/or 11 to 20 serious injuries or illnesses* resulting in lost time or potential permanent impairment
	Catastrophic	Multiple fatalities and/or more than 20 serious injuries or illnesses* resulting in lost time or potential permanent impairment
* seri	ous injury or illness is	s defined by the WHS Act section 36

tem			Initial		Res
No	Task	Hazard	Risk	Control Measures	Ris
1	TGS is designed/ implemented by unqualified person	Wrong TTM set-up designed for works/ signs and devices not correctly installed	H L3/C2	 TGSs & TMP are only designed by PWZ Qualified person and TTM set-ups are in accordance with TCAWS Manual V6.1, AGTTM 2021 & AS1742.3 TGSs are implemented by PWZ or IMP qualified person 	N L5/0
2	Traffic Control	Motorist distracted and collides with end of queue or traffic controller	VM L2/C2	17GSs are designed & Implemented by qualified personnel and are in accordance with TAGNS Manual V4. ACTTM 2014 & S41742.2 = appropriate sight distance is maintained review TTR servey it conflictors level configured severy changed review TTR servey it conflictors level changed and the configuration of t	N L4/0
3	Manual Traffic Control used instead of PTCD in high risk environment	Traffic Controller hit by vehicle	VM L2/C2	consider use of shadow_ambles if Baccical, or other type of shalls hard cover available . -ensure best peaalble access route confidenced when although control . -ensure best line of sight where gracifics, should the best line of sight not be peaalble, repealer signs in adjance warning to be used . -ensure best line of sight where gracifics, should the best line of sight not be peaalble, repealer signs in adjance warning to be used . -ensure perportage speed significal best been revealed path intaked and meets minimum and maximum lines and maximum lines and lines and lines are significant and maximum lines and lines are significant and maximum lines and lines are significant and maximum lines and lines are significant lines are significant lines are significant lines are significant lines and lines are significant lines are s	N L4/
4	Work Area adjacent to travel lane	Statistics collides with workers, traffic controller, vehicles or plant	VM L2/G2	Ameyer: - Install workprin T1-5 sign if workers oproad - space come in accordance with TC-MIS - American accordance with TC-MIS - Install accordance with TC-MIS - Install accordance with TC-MIS - Install accordance with TL-MIS -	N L4/
5	Lane Closure	Motorist fails to merge and collides with workers, traffic controller, vehicles or plant	VM L2/C2	Aways:	N L4/
6	Side Roads	Motorist enters work site from site road and collides with workers	H L2/C4	Always: - always install advanced warning signs for metorists entering from side roads in advance of work sets - Speed Limit signs must be erecked where traffic enters from a side road within a roadworks speed zone.	N L4/
7	Roadwork Speed Zones	Motorist disobeying the posted RW Spead Zone and travel too fast for the site conditions and cause a MVA	VM L2/C2	Ensure speed zone are designed in accordance with with TCAMS Manual VA, AGTM 2027 6. ASTH22.3 - Ensure speed zoning is consistent with the work activity, location of work area and road deriverance. - Consister the use of VSLSs or RASS to monitor traffic speeds and advise mitorists. - Review the TGS and softset there possible to achieve speed zone companies or speri CAMS Manual VSL-1. Sec 4.5.7	N L4/
8	Eane Closure & Book Compliance Speed compliance Speed compliance Mapproach speed > 85km/h' Multi lane roads with traffic volume > 10,000 ydd	Not enough reaction time due to speedingl poor sight distancel large traffic volumes, motorist fails to merge and collides with workers, traffic controller, vehicles or plant	VM L2/C2	Aways:	N L4/
9	Night Works	Due to poor visibility of road/ work site, worker/ Traffic Controllers motorist collides with end of queue, worker, vehicle or plant	VM L2/C2	Consider providing portable lighting to ensure traffic controllers are visible and ensure the positions of any temporary lighting are clearly shown on the TGS - Always use applicable PPE for the conditions	N L4/

Risk Assessment

Item No	Task	Hazard	Initial Risk	Control Measures	Resid. Risk	Ì
10	Changed traffic conditions (eg no line marking, changed line marking, forbidden turning movements, detours)	Motorist confused due to lack/ change of line marking, attempts forbidden turning movement causing MVA	н L2/С3	Always: - Install RW (T1-1) sign when traffic conditions change - Install RW (T1-1) sign when traffic conditions change - Install RW (S1-1) sign when the second sign of the second sig	M L4/C4	
11	Weather Conditions - rains - wind - fog - snow	Weather conditions reduces visibility and wet road surface causes road to be slippery increasing the risk of a collision with workers, plant or other motorists, wind blows signs over	H L2/C3	Always:	M L3/C4	
12	Delays due to queued traffic beyond advanced warning signs	Weather conditions reduces visibility and well road surface causes road to be slippely causes road to be slippely with workers, plant or other motorists, plant or other motorists, wind blows signs over	H L2/C3	Always: work in accordance with, the approved Permitif ROL uses two way communication with trucks and give them priority whenever monthing quise lengths install allegitions is agreed to the controllers or stop work and per PCLAWAY SATE, and, 4.8.2. End closure Materials varying signs apive emergency vehicles. 8 wide loads priority (a. stop work & graffic) distaller. Sate of the controllers of the controllers or stop work and the controllers or stop work and the controllers of	M L4/C3	3
13	After Care	Inadequate signage resulting in motorist loosing control and Crashing or motorist becomes frustrated due to inappropriate signage	H L2/C3	Always: Instal RWA (Ti ₄) if diverting traffic along a sidetrack, detour, or unexpected conditions, such as loose stones or the absence of line marking code and the state are not applicable cover any sign that are not applicable every condition signs as per TCAWS V6.1, Sec. 7.7.5: Aftercare - aftercare speed limit to suit road conditions	M L3/C4	
14	Pedestrians & Cylclists	Pedestrian and/or cyclist enters the work area of travel lane and get hit by motorist or plant	VH L1/C3	Always' e-ensuring SG dealers caters for all road users including pedestrians and cyclists. -always takeny deliminate the work area. -always takeny deliminate on the work area. -always takeny deliminate or the work area. -always takeny deliminate or the second of	M L4/C3	3
15	Construction Vehicle Movements/ Plant Movements	Construction vehicle! Plant collides with motorist, workers, traffic controller or other construction vehicle/ plant	н L3/С3	Anays; ensure communication between drivers & traffic controllers via radio construction vehicles plants have to give way to pedestrians, cyclists and live traffic construction vehicles are only silosen or one of several vehicles have to manage construction vehicled plants entering a Serving the sale Consider:	M L3/C4	

- Bypecific Notes

 Bypecific Notes

 Bypecific Notes

 Bypecific Covarroters have require that signs that are not needed for
 satisfager TOSa are covered up or TNSW "CAWS VS.1 Sec. 7.16.1

 The size-of traffic SHALL be reduced to 40 km/s when workers on foot

 A FTOD sign-private to the device ascut as Boom Barne 3.3, Table 4.3.

 A FTOD sign-private to the device ascut as Boom Barne 3.3, Table 4.3.

 A FTOD sign-private to the device ascut as Boom Barne 3.3, Table 4.3.

 A FTOD sign-private to the device ascut as Boom Barne 3.3, Table 4.3.

 A FTOD sign-private to the device ascut as Boom Barne 3.3, Table 4.3.

 The barne 3.3 must be used by use advances warning or the above be used when traffics required to stop at the traffic control is in operation or during breaks, such as lanch as per TNBW "CAWS VS.1 Sec. 5.4.3, Table 5.41.

 Table 5.41.

 Bits Berning breaks, such as lanch as per TNBW "CAWS VS.1 Sec. 5.4.3, Table 5.41.

 Bits Berning public and private access.

 When the such as the such as the such as the such as the private access.

 In the Private Barne 3.3 must be such as the private access.

 Bits Berning barne 3.3 must be such as the such

- on approach to a fraffic controller position (centerfine or edge line) as per TINSW *T.CANS* U.1. Sec. £2.5, Table £2.

 **Signs should be duplicated for all lare status signs regardless of the yed as TINSW *T.CANS* U.1. Sec. £4.5 and all speed close signs as per TINSW *T.CANS* U.1. Sec. £4.5 where the maximum quous length can be predicted in advance, the primary PREPARET DIST by the set of the sign must be close to the sign must be set of the sign set of the
- 9. A minimum lane width of 3m have to be maintained for traffic speeds < 58km Section 8.2 Record keeping of TTM documentation, roadwork speed zones must be inspected and associated documentation examined on a regular basis. The ITCP qualified person must ensure that speed restriction signs are properly exceted, conflicting signs are covered and advance signs are in place, when inspecting the traffic control on the sign.</p>

lementation Instructions

Implementation instructions.

Before savic commerces, signs and devices at the approaches to and within the work area SHALL be implemented in accordance with the approach Trailing Culdance Schemes and the Trailin Control Companies Safe Work Method Statements, in the following sequence:

I see that the sequence of the

- sigms and tramic control devices must be installed in a sequence via GPS, survey, landmark, side stretes or chainage in accordance with value of the control of the control

- General Notes

 1. The designer of the TGS must hold a current PWZ qualification issued by Safe Work NSW

 2. The TGS must be prepared in accordance with TNSW TCAWS V6.1 requirements contained in the TCAWS are not achievable, or are not achieving the requirements contained in the TCAWS are not achievable, or are not achieving the requirements contained in the TCAWS are not achievable, or are not achieving the requirement of the TCAWS are not achievable, or are not achieving the requirement of the TCAWS are not achievable, or are not achieved to the TCAWS are not achieved to the tender commencing works.

 3. The TGS MUST be read in conjunction with the associated risk assessment.

 4. It is the clients responsibility to have all necessary permits on site before commencing works.

 3. "Implements Traffic Control Plan* TICP or "Popese Work Zone Traffic Management Plan* PWZTMP qualified person."

 4. A "TM Inspection checking" must be filled out prior to the implementation of the TGS and a "Post alse inspection confirmation" must be filled out the the completion of works as per TMSW TCAWS V6.1 Appendix 6.8 & 6.4. The Traffic Control Plan* Title Control Plan* Title V6.

 5. It and held UHF radios are to be utilized where required to communicate to the commencement of works.

 6. It and held UHF radios are to be utilized where required to communicate the Commencement of works.

 7. It are control to the commencement of works.

 8. It and held UHF radios are to be utilized where required to communicate the commencement of works.

 8. It also control the are not the tender of the commencement of works.

 9. It and held UHF radios are to be utilized where required to communicate the commencement of works.

- 10. The Principal contractor has to notify local Emergency Services prior to the commencement of works.

 11. Traffic Controllers have to ensure that the ROL (if required) has been via the Table Controllers have to ensure that the ROL (if required) has been via the Table Web app.

 12. Advance signs SHALL be mounted at a minimum height of 200mm displayed as prominently as possible by selecting the longitudinal displayed are prominently as possible by selecting the longitudinal displayed are prominently as possible by selecting the longitudinal displayed and the longitudinal displayed and the longitudinal displayed and the longitudinal displayed and the longitudinal displayed continuously required for works which will be in progress for periods longer than 2 weeks should be received in a permanent manner, e.g. on posts sunk into the ground, and duplicated on the right side of the road.

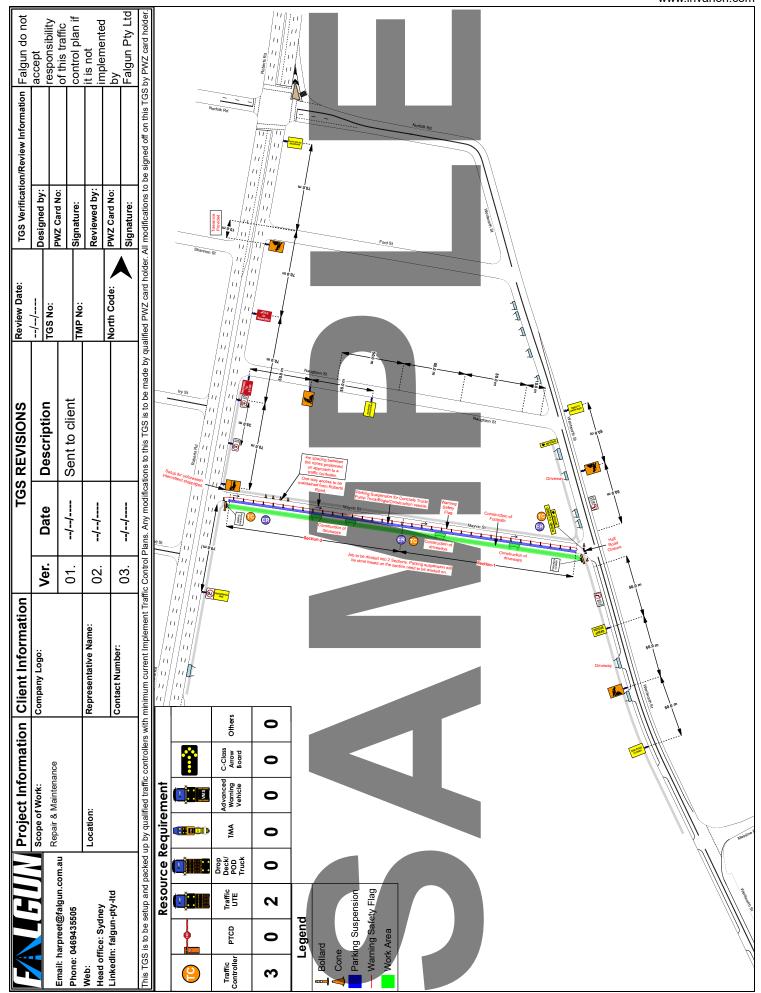
 13. Traffic volumes should be monitored throughout the implementation of the progress of the post of the progress of the post of the progress of the post of the progress of

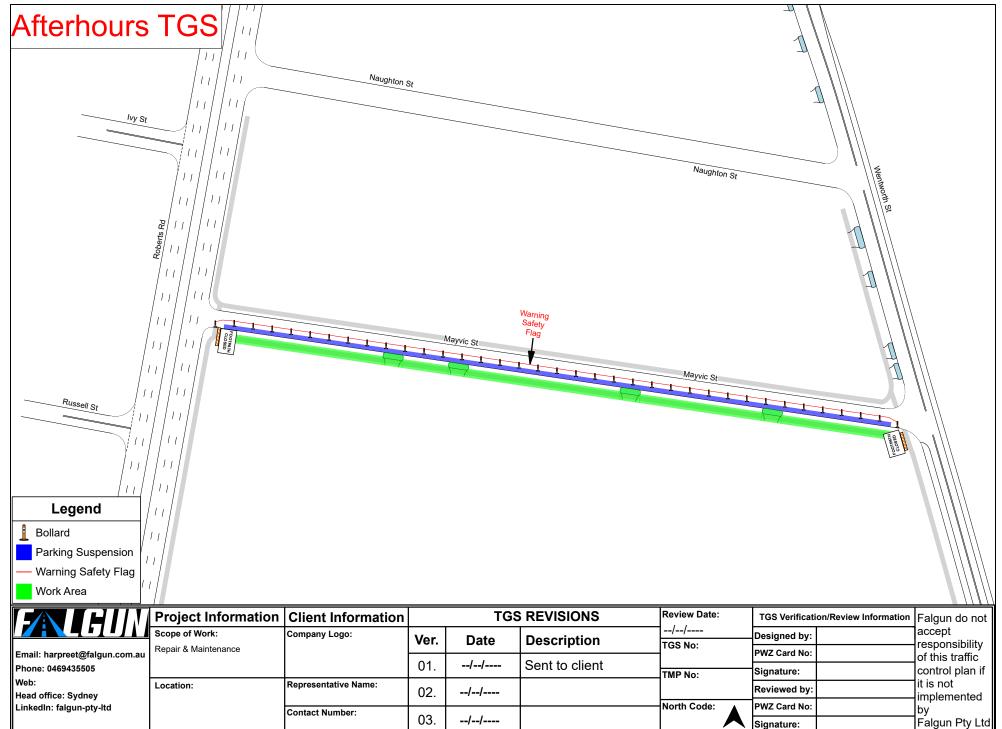
All podestrias Cyclist control measures, for the duration of the construction works will be monitored as required for effectiveness & improvements. Appropriate warming sipages and directional signages will be in place and monitored throughout the works as per the provided TGS's attached to this document. Where current documented control measures are ineffective, A PWZTMP qualified person(s) should be contacted to suggest changes.

ITCP qualified person must ensure that the TGS is implemented as approved.
Minor adjustments can be completed
in accordance with TNSW - TCAWS V6.1 - Sec. 7.10.3, Modifications will
be recorded on the TGS checklist and a signed copy will be available on-site.

PWZ Qualification Holders:

- Nodifications to a Site Specific TGS must be approved by a PWZTMP holder or another relevant qualification holder. Modifications must be an advantaged to the property of th





This TGS is to be setup and packed up by qualified traffic controllers with minimum current Implement Traffic Control Plans. Any modifications to this TGS is to be made by qualified PWZ card holder. All modifications to be signed off on this TGS by PWZ card holder