

# 21 Traffic Guidance Scheme (TGS)

**Legend**

- North Point
- Traffic Controller
- Exclusion Zone
- Work Area
- Site Delivery Vehicle (HRV)
- Rooftop Building Maintenance Unit (BMU)
- Sign Placement Marker
- Existing Steel Bollards
- Bus Stops

**Traffic Guidance Scheme (TGS)** [www.invarion.com](http://www.invarion.com)  
as to AS1742.3 & TCAWS Manual V6

**Project Description: Lifting Telecommunication Materials  
TTM: Full Road Closure / Exclusion Zone**

**Activity:**  
Full Road Closure of Mullins St between Clarence St and York St under Traffic Control for the standing of Work Vehicles to deliver and install Telecommunications equipment to the roof of 131 York St building.  
Traffic Controllers will assist with all Vehicle and Pedestrian Movements in the area whilst the works are in effect. Traffic Controllers are to also assist with maintaining local traffic movements to and from Market Row.

Access into Market Row will be maintained under Traffic Control Guidance when required whilst Mullins St is Closed.

A Building Maintenance Unit will be built on the Roof of 131 York St to assist with the Lifting of Materials.

**GENERAL NOTES:**

- > This TGS is to be read in conjunction with AS1742.3 & RMS TCAWS Manual V6.
- > TGS is for Short Term Implementation only.
- > This TGS has been prepared NOT TO SCALE from either site specific details or archived details and may not accurately reflect the exact layout of the site. Details are indicative only.
- > Work environment and site conditions may alter the correct signs and device locations and distances stated in this plan.
- > Safe Work NSW Authorised Traffic Controllers are to be on site at all times to implement this TGS.
- > Traffic Control Team Leader must inspect the site and carry out a mandatory Risk Assessment before commencement of works. Any changes necessary must be marked on this TGS before being implemented.
- > All PPE must be worn at all times whilst on site.
- > All existing street signage that is contradictory to this worksite, must be covered prior to works.
- > All Advance Warning Signage shall comply to AS1742.3 & RMS TCAWS Manual V6.
- > All Advance Warning Signage is to be erected on the side of the road adjacent to the traffic flow.
- > Authorised Traffic Controllers are to assist with Pedestrian movements around, past or through the Work Site.
- > Removal of Traffic Control Signs and Devices is to be undertaken in the reverse order of erection, progressing away from the Work Site.

\*\*\*Rhino Traffic Control does not accept liability for or endorse the use of the TGS unless implemented directly by an employee of Rhino Traffic Control holding valid certifications to carry out such works\*\*

LANE WIDTHS	
The minimum lane widths to be provided for all live traffic lanes around, past or through a Work Site shall be 3.0m. 3.5m lane widths are desirable.	

RECOMMENDED TAPER LENGTHS (m)			
Approximate Speed of Traffic (km/hr)	Traffic Control at Beginning of Taper	Lateral Shift Taper	Merge Taper
45 or less	15	0	15m
46 - 55	15	15	30m
56 - 65	30	30	60m
66 - 75	N/A	70	115m
76 - 85	N/A	80	130m
86 - 95	N/A	90	145m
96 - 105	N/A	100	160m
Greater than 105	N/A	110	180m

SIGN SPACINGS - DIMENSION "D"		
Speed of Traffic (km/hr)	Dimension D = M	TCAWS
40km/hr or less	15m	15m
40km/hr - 50km/hr	15m	50m
50km/hr - 60km/hr	40m	60m
Greater than 60km/hr	Equal to posted Speed Limit	

Sign Positioning Tolerances:  
Minimum 10% less than the distance or lengths given.  
Maximum 25% more than the distance or lengths given.

	Date:	29th June 2021	LGA:	City of Sydney Council	TCP Developed By:	Philip Blair	<b>TGS NOT TO SCALE</b> 
	Client:	Sky Comms	Road Name:	131 York St	<b>APPROVED</b>		
	Type of Work:	Road Closure / Detour	Location of Work:	Mullins St	PWZTMP Licence No.:	0052151584 Exp. 09/22	
	TC's Req	2	Suburb:	Sydney NSW 2000	Plan No.:	RTC/21-Site Specific	
	Utes / TMA's	1    0	Road Class:	Council Road (Minor)	RMS ROL Required:	YES	



**Traffic Guidance Scheme (TGS)**  
as to AS1742.3 & TCAWS Manual V6

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**TTM: Full Road Closure / Exclusion Zone**

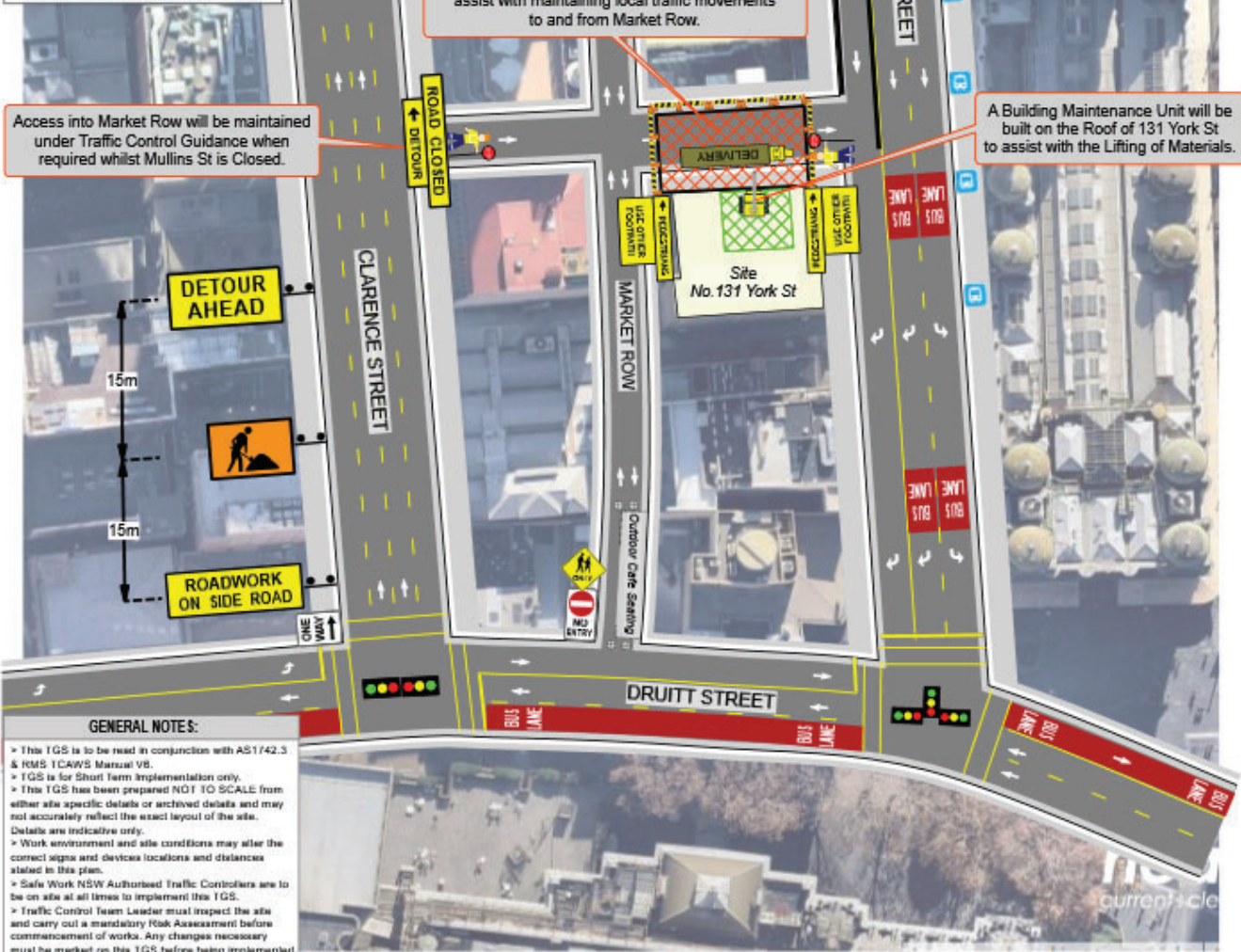
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	AS1742.3	TCAWS
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46km/hr - 55km/hr	15m	50m
56km/hr - 85km/hr	45m	80m
Greater than 85km/hr	Equal to posted Speed Limit	

Sign Positioning Tolerances:  
Minimum 10% less than the distance or lengths given.  
Maximum 25% more than the distance or lengths given.

**VEHICLE MOVEMENT PLAN**

All vehicles associated with these works are to enter and exit the worksite in a forward facing motion at all times, under the direction and guidance of Authorised Traffic Controllers and with the existing traffic flow conditions.

<p><b>Rhino Traffic Control Services</b> Professional Traffic Control Solutions ADN: 92 153 683 973 PO Box 194 Kings Langley NSW 2147 Ph: 02 8078 3737 Mob: 0452 131 325 Email: ops@rhinotrafficcontrol.com.au</p>	Date:	29th June 2021	LGA:	City of Sydney Council	TCP Developed By:	Philip Blair	<p><b>TGS NOT TO SCALE</b></p>
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