SHAPE

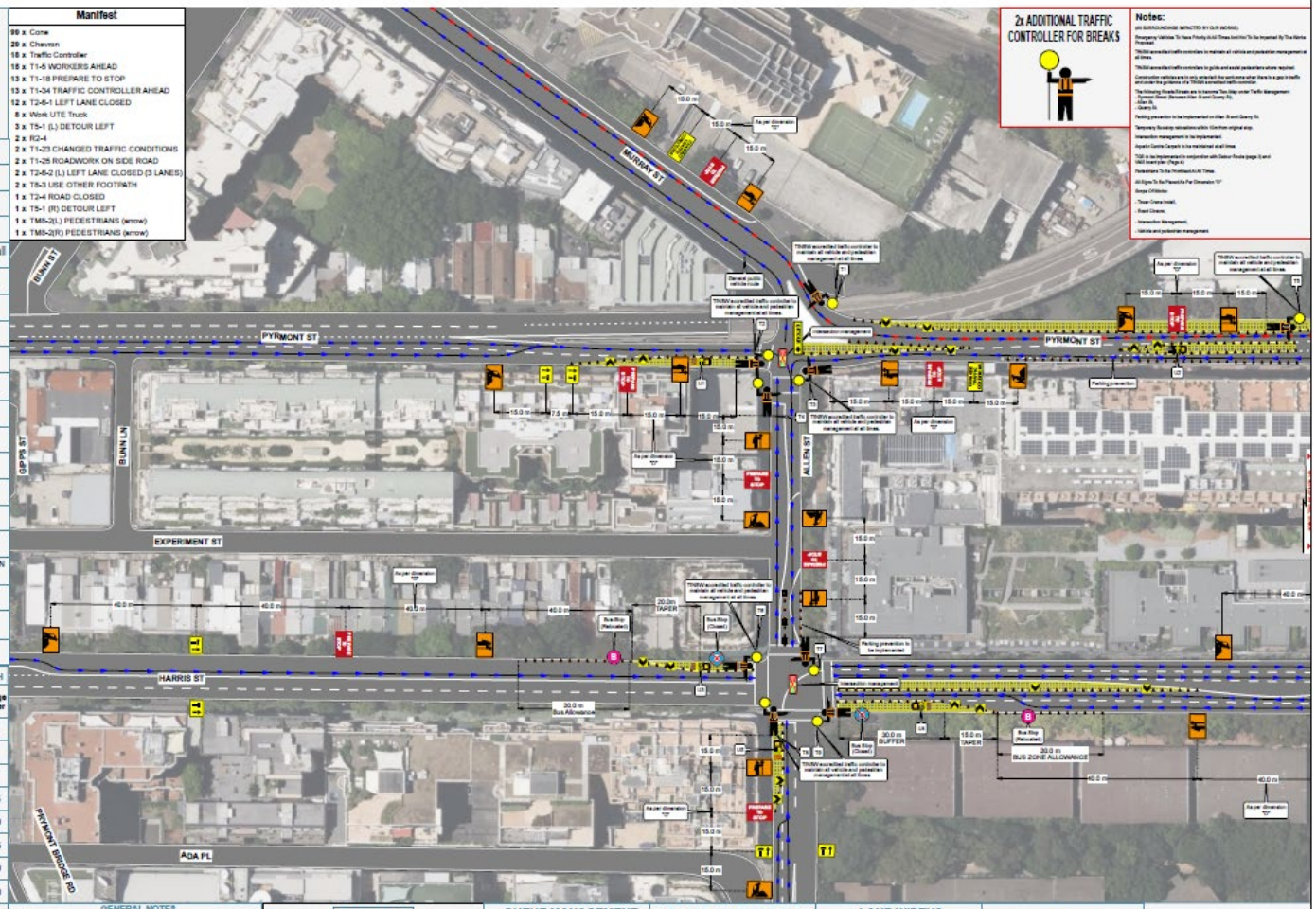
Client:	Shape
Road Name:	Pyrmont St
Suburb:	Ultimo
Road Type:	3 Lane 1 Way
Operation:	Tower crane Install
Term:	24 Hours
Speed Limit:	40km/h
Speed Reduction:	N.a
ROL Number:	N.a
ROL Classification:	N.a
Date Prepared:	29/10/2025
Date Approved:	29/10/2025
Date Revised:	N.a
TC@WS REFERENCE BASED ON TCP #62	PWZTMP
N.C.S:	Allen St
Designed By:	Noah Nguyen-Lau #TCT1025516
Approved By:	HAYLEY O'DONOVAN #TCT0028751
Size:	A3 Size
Plan Reference Number:	00ATSPC01
TCs Required:	16 - 18

RECOMMENDED TAPER LENGTH

Traffic Speed (Km/H)	Traffic Control at beginning of Taper	Later shift taper	Merge Taper
45 or less	15	0	15
45 - 55	15	15	30
56 - 65	30	30	60
66 - 75	N/A	70	115
76 - 85	N/A	80	130
86 - 95	N/A	90	145
96 - 105	N/A	100	160
> 105	N/A	110	180

Manifest

99 x Cone
29 x Chevron
16 x Traffic Controller
15 x T1-5 WORKERS AHEAD
13 x T1-18 PREPARE TO STOP
13 x T1-34 TRAFFIC CONTROLLER AHEAD
12 x T2-6-1 LEFT LANE CLOSED
8 x Work UTE Truck
3 x T5-1 (L) DETOUR LEFT
2 x R2-4
2 x T1-23 CHANGED TRAFFIC CONDITIONS
2 x T1-25 ROADWORK ON SIDE ROAD
2 x T2-6-2 (L) LEFT LANE CLOSED (3 LANES)
2 x T8-3 USE OTHER FOOTPATH
1 x T2-4 ROAD CLOSED
1 x T5-1 (R) DETOUR LEFT
1 x TM5-2(L) PEDESTRIANS (arrow)
1 x TM5-2(R) PEDESTRIANS (arrow)



GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH AS1742.3 & TCAWS 6.1
2. ALL TRAFFIC CONTROL DIAGRAMS TO BE READ CONJUNCTION WITH THE TCAWS 6.1 .
3. NON APPLICABLE EXISTING SIGNAGE SHALL BE COVERED E.G. SPEEDS SIGNS DUE TO THE TEMPORARY SPEED ZONE.
4. ALL SIGNAGE DISTANCE SHALL COMPLY WITH AS 1742.3 & TCAWS 6.1
5. IN ACCORDANCE WITH TCAWS 6.1 TRAFFIC CONTROLLERS TO ASSIST PEDESTRIANS WITH MOVEMENT THROUGH & AROUND THE WORKSITE.
6. SIGNAGE SHALL BE PLACED ON THE SIDE OF THE ROAD ADJACENT TO THE TRAFFIC FLOW.
7. REMOVAL OF TRAFFIC CONTROL SIGNS AND DEVICES SHOULD BE UNDERTAKEN IN THE REVERSE ORDER OF ERECTION, PROGRESSING FROM THE WORK AREA OUT TOWARD THE APPROACHES.

Dimension "D"

SPEED OF TRAFFIC (KM/H)	AS.1742.3	TC@WS
45 OR LESS	15m	15m
46 - 55	15m	50m
56 - 65	45m	60m
GREATER THAN 65	EQUAL TO POSTED SPEED LIMIT	

QUEUE MANAGEMENT

AT ALL TIMES DURING THE COURSE OF THE WORK, TRAFFIC QUEUES SHALL BE MONITORED TO ENSURE THAT TRAFFIC DOES NOT EXCEED BEYOND THE LIMITS OF ADVANCED WARDING SIGNS .

TOLERANCES

POSITIONING OF SIGNS MINIMUM 10% LESS THAN THE DISTANCE OR LENGTHS GIVEN MAXIMUM 25% MORE THAN THE DISTANCE OR LENGTHS GIVEN SPACING OF DELINEATING DEVICES MAXIMUM 10% MORE

VEHICLE MOVEMENT PLAN

ALL WORK VEHICLES TO ENTER AND EXIT WORKSITE UNDER THE DIRECTION OF TRAFFIC CONTROLLERS WITH THE TRAFFIC FLOW ON DESIGNATED UHF CHANNEL

TGS IMPLEMENTATION

ARGUS TRAFFIC DOES NOT ACCEPT LIABILITY FOR OR ENDORSE THE USE OF THE TGS UNLESS IMPLEMENTED DIRECTLY BY AN AUTHORIZED REPRESENTATIVE OF ARGUS TRAFFIC PLAN, HOLDING VALID QUALIFICATIONS TO CARRY OUT SUCH WORKS.

LANE WIDTHS

THE MIN LANE WIDTH TO BE PROVIDED THROUGH OR PAST THE WORKSITE FOR VEHICLES SHALL BE 3.0m (3.5m DESIRABLE).

Emergency Vehicles To Have Priority At All Times And Not To Be Impacted By The Works Proposed.

Legend

Work Area
Cone
Control Zone

ARGUS LABOUR & TRAFFIC

Manifest
89 x Cone
29 x Chevron
18 x Traffic Controller
15 x T1-5 WORKERS AHEAD
13 x T1-18 PREPARE TO STOP
13 x T1-34 TRAFFIC CONTROLLER AHEAD
12 x T2-6-1 LEFT LANE CLOSED
8 x Work UTE Truck
3 x T5-1 (L) DETOUR LEFT
2 x R2-4
2 x T1-23 CHANGED TRAFFIC CONDITIONS
2 x T1-25 ROADWORK ON SIDE ROAD
2 x T2-6-2 (L) LEFT LANE CLOSED (3 LANES)
2 x T6-3 USE OTHER FOOTPATH
1 x T2-4 ROAD CLOSED
1 x T5-1 (R) DETOUR LEFT
1 x TM8-2(L) PEDESTRIANS (arrow)
1 x TM8-2(R) PEDESTRIANS (arrow)
PYRMONT ST
HARRIS ST
ADA PL
QUARRY ST
WILLIAM HENRY ST
U Turn area
Pedestrian route
Construction vehicle route
Parking Prevention
Work area
Auger dimension TBC
Bus Stop (relocated)
Parking Signage (to be covered)
TMAA accredited traffic controller to maintain all vehicle and pedestrian management at all times
Interaction management
Accessible Car Parking to be maintained and available
15.0 m TAPER
45.0 m BUFFER
30.0 m BUFFER
40.0 m
20.0 m
15.0 m