

Volume 3 of 3

Stewardship Maintenance Contract Sydney South Zone

Exhibits



GZS\BK\02-3001-1107

EXHIBIT 1

Asset Definition Specification

Stewardship Maintenance Contracts (SMCs) – Sydney South Zone

Exhibit 1 – Asset Definition Specification

9 October 2013

Contents

1.	Introduction.....	4
1.1	General	4
2	Asset Definition	5
2.1	Zone Boundary Maps	5
2.2	Definition of Nominal Work Limits	8
2.3	Maintenance Responsibility Diagrams	11
2.4	The Road Network.....	30
3	Detailed Asset Schedule	33
3.1	Schedule of Pavement Related Assets.....	33
3.1.1	Off-Road Cycleways.....	33
3.1.2	Controlled Access Roads	33
3.1.3	Pavement Schedule	34
3.2	Schedule of Corridor Related Assets	54
3.2.1	Ground Vegetation Control Areas	54
3.2.2	Herbicide Spraying Omission Areas	64
3.2.3	Landscaped Areas	65
3.2.4	Boundary Fencing (Chainwire & Rural Fencing)	69
3.2.5	Fauna Fencing	69
3.2.6	Noise Barriers	69
3.2.7	Vacant Property	73
3.2.8	Slopes and Retaining Walls	78
3.2.9	Sensitive Areas and Zones.....	126
3.2.10	Stockpile Sites	127
3.2.11	Street Light Assets	127
3.2.12	Navigation Lights	129
3.3	Schedule of Operational Assets.....	130
3.3.1	Rest Areas and Toilets.....	130
3.3.2	Truck Arrestor.....	130
3.3.3	Heavy Vehicle Inspection Bays.....	130
3.3.4	Over Height Vehicle Warning Systems	131
3.3.5	Schedule of Detour Route Operations, Tidal Flows & Gates	131
3.3.6	Roadside Telephones	131
3.3.7	Schedule of Lifts.....	132
3.4	Drainage Systems	132
3.4.1	Stormwater Devices	132
3.4.2	Culverts	137
3.5	Traffic Facility Assets.....	137
3.5.1	Signs and Delineation	137
3.5.2	Bollards	138
3.5.3	Concrete Barrier – Type F Full.....	139
3.5.4	Fence Chair Wire	146
3.5.5	Other Safety Barriers	146
3.5.6	Thrie Beam	147
3.5.7	W-Beam Steel Posts.....	148
3.5.8	W-Beam Timber Posts	161
3.5.9	Wire Rope.....	162
3.5.10	Rockfall Fencing.....	162
3.5.11	Pedestrian Fencing	162
3.6	Bridges and Bridge Sized Culverts	167
3.6.1	Bridges and Bridge Sized Culverts	167
3.7	Schedule of Tunnels & Tunnel Assets	181

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

3.7.1	Schedules of Tunnels	181
3.7.2	Schedules of Tunnel Assets	182
3.7.3	Sydney Tunnel Schedule - Electrical Inventory	183
3.7.4	Sydney Tunnel Schedule – Mechanical Inventory	186

1. Introduction

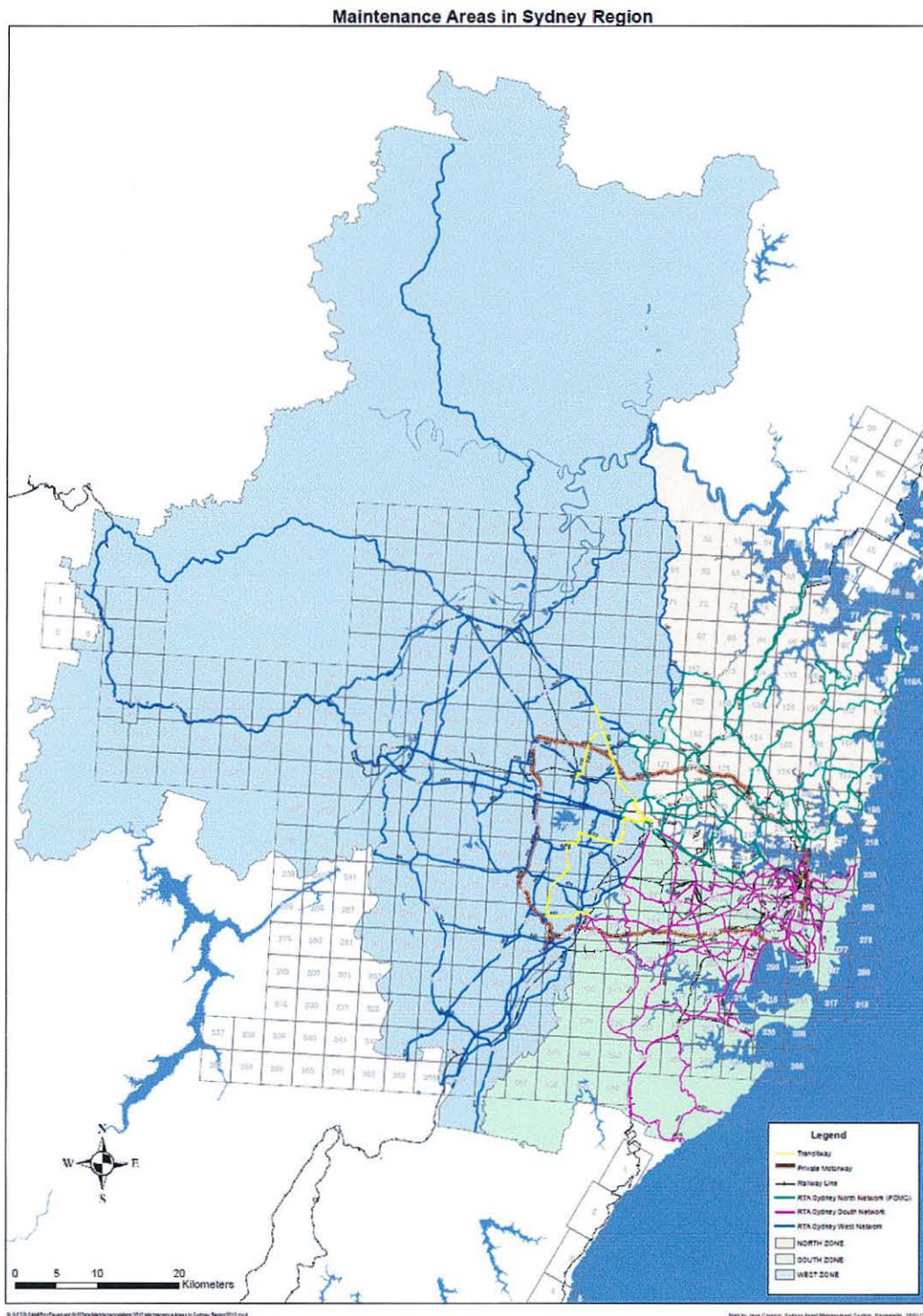
1.1 General

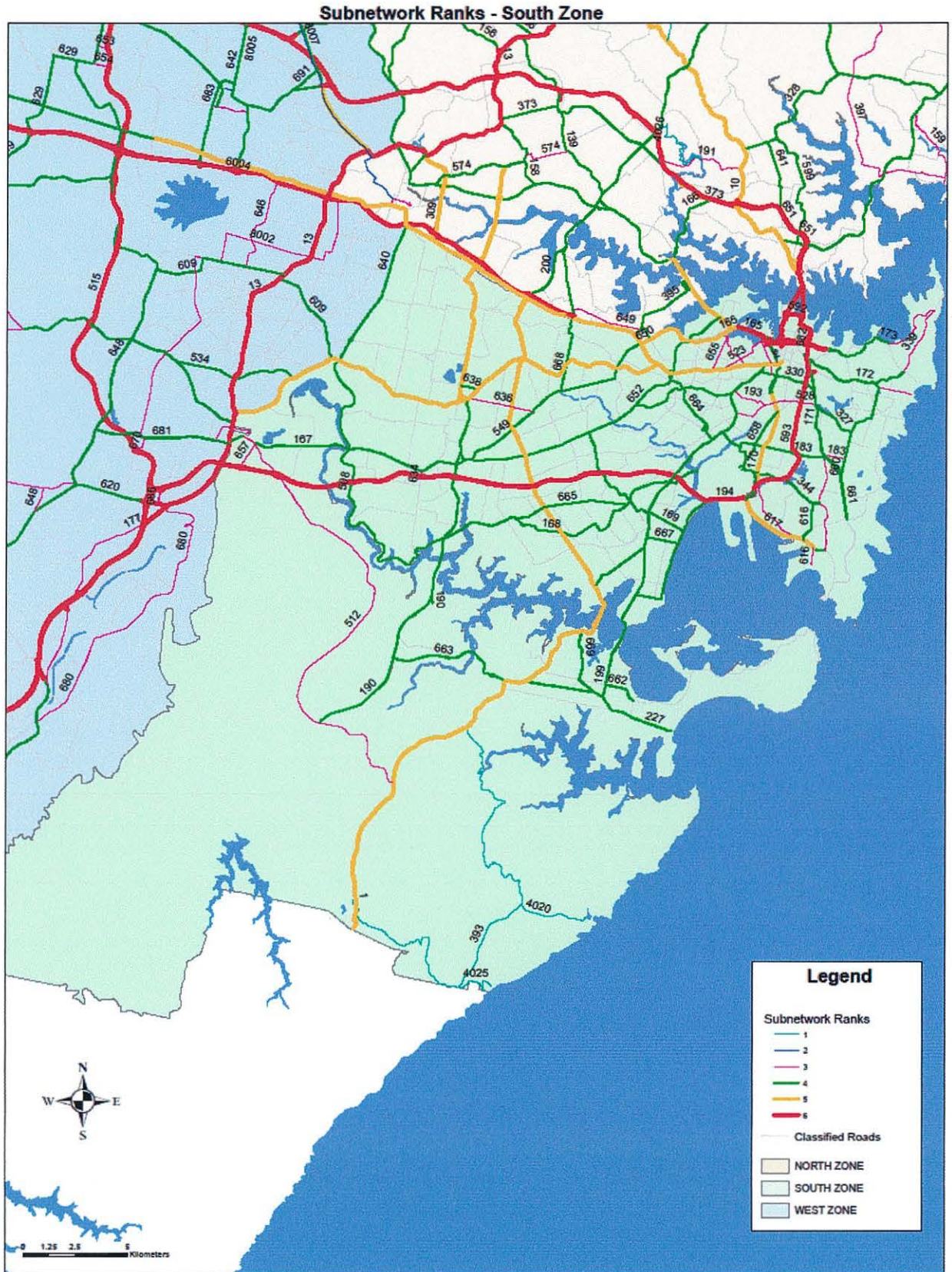
- 1.1.1 This Asset Definition Specification has been developed specifically for the Stewardship Maintenance Contract (SMC) – Sydney South Zone.
- 1.1.2 This Specification sets out the Assets for which the Service Provider will be responsible for managing. The Service Provider will manage the Assets accordingly including:
- (i) Asset management planning;
 - (ii) Maintenance;
 - (iii) Development and delivery of improvement projects/programs;
 - (iv) Development and delivery of maintenance renewal projects/programs.
- 1.1.3 This specification also provides details and features of the Assets such as inventory information, subnetwork ranks, risk ratings, construction material and location details. Further details are available from RMS Asset Management System databases.
- 1.1.4 The Assets include:
- Any assets located on a Contract Road (defined in Section 2.4) within the Nominal Work Limits (defined in Section 2.2 and 2.3); and
 - Any other assets listed in the Detailed Asset Schedules (defined in Section 3).
- 1.1.5 The Assets do not include any assets described as Excluded Assets in the SMC Services Requirements.
- 1.1.6 Technical terms and abbreviations used in this Specification are as defined in the General Conditions.
- 1.1.7 The Assets outlined in the specification are comprehensive but may not reflect every asset under RMS ownership or control. The Service Provider must maintain its own Asset Management System that includes all of the Assets including additions, removals and changes to the Assets.

2 Asset Definition

2.1 Zone Boundary Maps

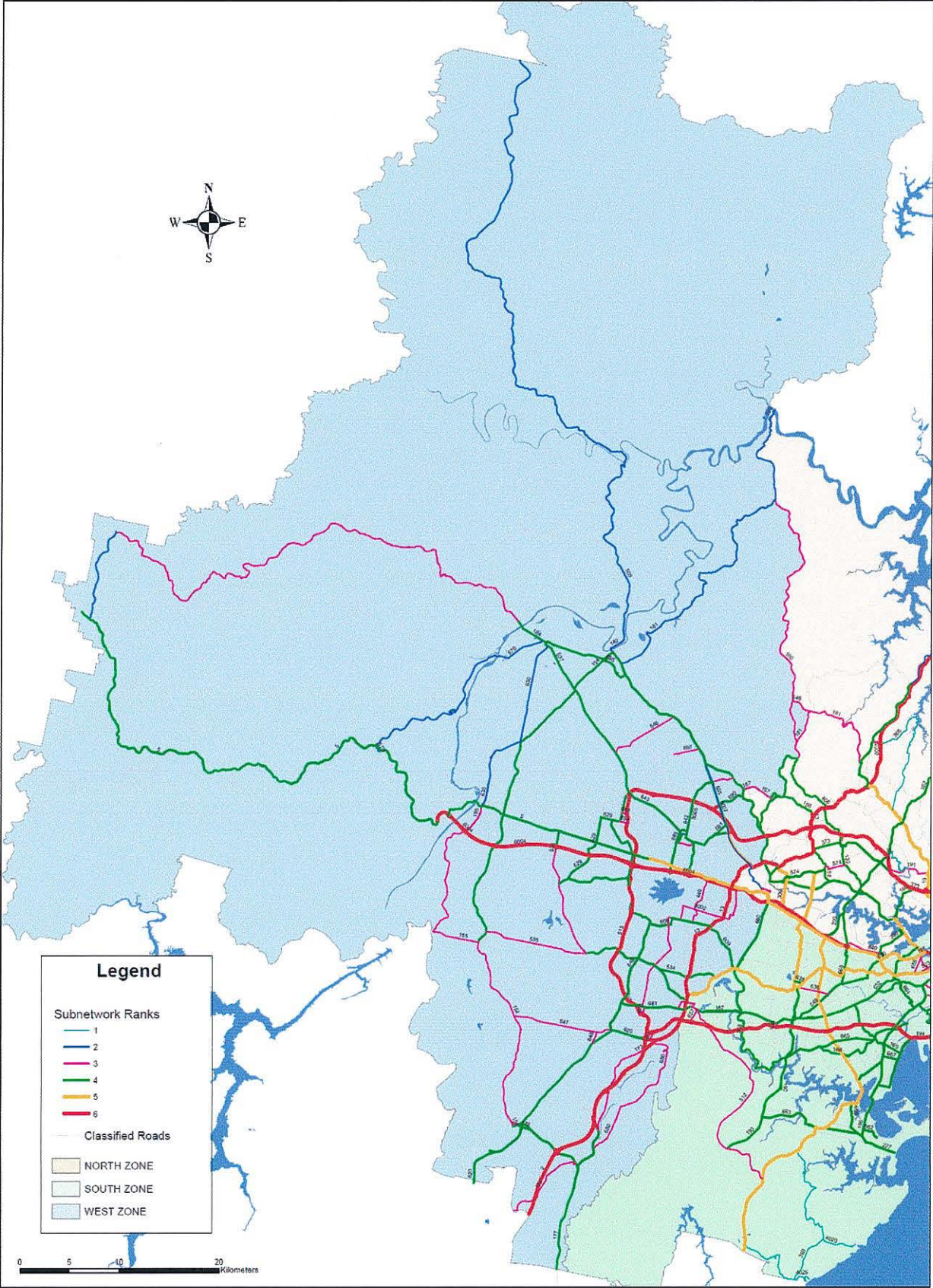
Zone boundary maps indicating the geographical limits of the SMC Maintenance Zones in Sydney South, Sydney West Zones and Sydney North are provided below:





File by: Jane Crockett, Sydney Asset Management Section, Parramatta, 22/01/2013

Subnetwork Ranks - West Zone



Printed by Jane Chessell, Sydney Asset Management Section, Parramatta, 25/01/2013

2.2 Definition of Nominal Work Limits

Nominal Work Limits (NWL)

RMS has established Nominal Work Limits (NWL) which defines the boundaries between which the responsibility for maintenance of assets resides with RMS or other parties such as local councils. These NWL are replicated in the SMC such that the Service Provider becomes the steward of all assets that are RMS' responsibility, excluding any assets that are specifically indicated to be outside of the SMC scope.

The NWL are set out for each asset category.

Maintenance responsibility diagrams have been provided at Section 2.3 to illustrate the principles described below.

Pavement and Corridor Related Assets

Pavement and Corridor assets include:

1. Contract Roads
2. Pavements and subgrades
3. Kerbs and gutter, medians, traffic islands
4. Pedestrian paths
5. Off-road cycleways
6. Access roads (including service roads)
7. Ground vegetation control areas
8. Herbicide spraying areas
9. Landscape areas
10. Boundary fencing
11. Fauna fencing
12. Noise barriers
13. Vacant property
14. Slopes and Retaining walls
15. Sensitive areas and zones
16. Stockpile sites
17. Street light assets
18. Navigation lights

Typically, the following principles will apply in defining NWL for Contract Roads;

1. For a Contract Road other than a Controlled Access Road (refer Section 3.1.2), where the Road has a kerb, the NWL includes the pavement located within the kerb alignment, being the back of the kerb;
2. The only instance where kerbs are not included is on selected sections of Liverpool to Parramatta Transitway and North West Transitway where the Transitway is located on Council managed Local or Regional roads. The NWL in these situations is confined to the marked bus lane portion of the road;

3. Where the Contract Road does not have a kerb, e.g. a road formation, the NWL includes all pavements and corridor assets located within the road corridor, typically defined by the back of table drain or 4m from the edge of the through traffic lane;
4. Where the Contract Road is a Controlled Access Road (refer Section 3.1.2), the NWL includes all pavement and corridor assets located within the road corridor, typically defined by a boundary fence;
5. At intersections of Contract Roads and local or regional roads:
 - a. Where there are no slip lanes or roundabout, the NWL includes the pavement and pavement markings within the local or regional road up to the end of the kerb corner;
 - b. Where there is a slip lane, the NWL includes pavement and pavement markings on any slip lane carrying traffic from the Contract Road to the local or regional road, but not any slip lane carrying traffic from the local or regional road to the Contract Road;
 - c. Where there is a roundabout, the NWL includes the pavement and markings up to a junction of the local/regional road up to and including the traffic hold line;
6. At intersections of Contract Road and local/regional roads, where the Contract Road is a Motorway, the NWL will include both the on ramps and off ramps;
7. At intersections of a Contract Road and a Motorway which is not a Contract Road, the NWL will not include the on ramps and off ramps;
8. At the intersections of a Contract Road and a private road, the NWL will not include any part of the private road beyond the end of the kerb corner;

Traffic Facility Assets

Traffic facility assets include:

1. Signs and Delineation
2. Safety barriers
3. Pedestrian fencing

For signage including guide signs and regulatory signs:

1. The NWL includes any guide signs, tourist signs and regulatory signs located on the Contract Road;
2. The NWL includes the first regulatory sign located on a local or Regional road from the intersection with a Contract Road;
3. The NWL includes any guide or tourist signs located on a local or Regional road within 200m of an intersection of a Contract Road;

Road marking included in the NWL are:

1. Transverse lines on Contract roads within the NWL (i.e. lines that are marked at right angles to the general traffic flow, such as "Stop / Give Way" lines and pedestrian crosswalk lines);
2. Other markings (including diagonal and chevron markings, messages on the pavement including symbols, words, numerals and arrows, kerb markings and markings for parking); and
3. Raised pavement markers; and
4. Longitudinal lines (lines that are generally parallel to the traffic flow, such as centre, lane, edge, turn, continuity and transition lines and outline markings);

The safety barriers that fall within the NWL include:

1. Concrete, steel rail, timber, plastic and steel wire rope safety barrier systems that are located on a Contract Road;
2. All components of the safety barriers are included i.e. posts, spacers, rails, terminals, rails, footings and wire;

The NWL limits when applied to 'Fence', refers to RMS boundary fences, fauna fencing, rock fall protection fence, gates and flood fences located on Contract Roads

The NWL also include pedestrian fences being all concrete, steel rail, timber, plastic and steel wire rope fencing systems that:

1. Are located on pedestrian walkways that are between carriageways of a Contract Road; or
2. Are fixed to an Asset; or
3. Are located within a Controlled Access Road.

Drainage Assets

Drainage assets include:

1. Culverts and pits
2. Stormwater devices

Typically, the following principles apply when defining the drainage to NWL for Contract Roads:

1. The NWL include all surface drains including table drains, batter drains, catch drains, berm drains and water channels that provide flow of stormwater from the Contract Road;
2. The NWL include all kerbs and gutters occurring on the Contract Road (except on selected Transitway sections as outline above);
3. All subsoil drains including pavement drains that provide flow of water below the road surface are included in the NWL;
4. Drainage structures such as pipes, culverts, headwalls, wing-walls, scour protection and any interconnecting drainage lines, that provide flow of water from the Contract Road are included in the NWL;
5. The NWL include all drainage pits which enable flow of stormwater from the Contract Road;
6. Where a drainage system of a Contract Road connects with a drainage system of a local or regional road, the Service Provider is responsible for RMS drainage assets within the NWL of the Contract Road and any RMS basins/catchments at the stormwater discharge point as scheduled in 3.4. The Service Provider will not be responsible for any drainage system of local or regional road regardless if an Asset drains into it or if it discharges into a discharge Asset.
7. The responsibility of the Service Provider excludes any drainage systems owned by local or regional council irrespective of whether or not they discharge into an RMS-owned basin/catchment.

Tunnels and Tunnel Operational Assets

Concerning tunnels, the NWL comprises all tunnels on Contract Roads, and includes all aspects of the tunnel including the mechanical and electrical elements that form part of the operation of a tunnel. These assets are indicated in the tunnel asset schedule (refer to Section 3.7). Some mechanical, electrical and drainage assets are maintained by other parties e.g. Sydney Water and do not fall under the responsibility of the Service Provider.

For pedestrian tunnels and other non road tunnels the NWL extends typically 3m beyond the tunnel entrance and includes any fencing and the management of vegetation. (Refer to Diagram 12)

Operational Assets

Generally, the NWL for operational assets of a Contract Road include:

1. Rest areas adjacent to Contract Roads including toilets, playgrounds, picnic tables, barbeques and other items;
2. Detour Route Operations, Tidal Flows and Gates;
3. Roadside phones; and
4. Lifts located on Assets.

Bridge and Bridge-sized Culverts

Bridge-sized culverts are defined as culverts with a span exceeding 6m or 20m² in pipe cross sectional area.

The NWL for bridges and bridge-size culverts include the foundation, substructure and superstructure. All items above the deck are also within the NWL.

Approach slabs are integral part of the structure of the bridge and where present form part of the NWL. An approach slab is a concrete slab which connects to the main bridge structure and bridges the gap between the normal roadway and the bridge structure and prevents subsidence at the bridge approach.

Vegetation Control Zone

For vegetation control boundaries on a Contract Road:

1. Vegetation within the road reserve refers to all tree, bush and ground vegetation, and will include areas within Operational Assets (e.g. Rest Areas and Roadside Toilets);
2. The areas within the NWL where vegetation must not encroach, are referred to as **Vegetation-Free Zones**. Vegetation-Free Zones include sealed or concrete/paved areas and footpaths, granular sealed and unsealed pavements and shoulders, including area about shoulders and areas in front of guard rails, off-road cycleways, face of kerbs, and areas behind the kerb;
3. The **Maintenance Clear Zone** means the area measured from the edge of the carriage way to the line of existing woody species (>50mm diameter trunk) or within an area previously cleared where regrowth is evident, but no more than 9.0 meters;
4. The vegetation control NWL extends typically 1.2m beyond the line of guide posts or safety barriers of the carriageway;
5. The NWL include any landscaped areas that exist between carriageways on Contract Roads.

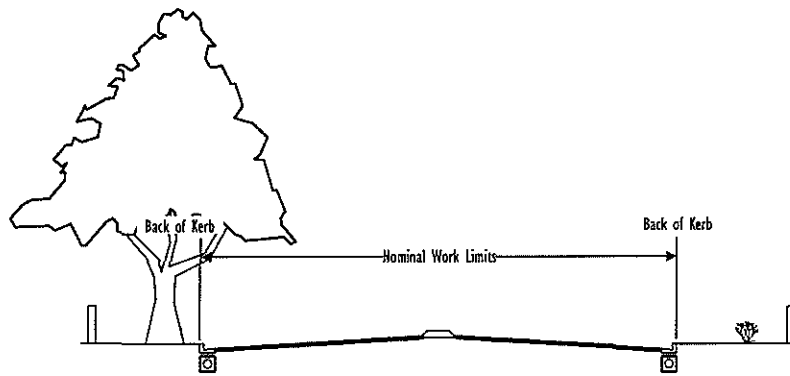
2.3 Maintenance Responsibility Diagrams

The diagrams contained in this section illustrate the Nominal Work Limits (NWL) on typical roads and intersections.

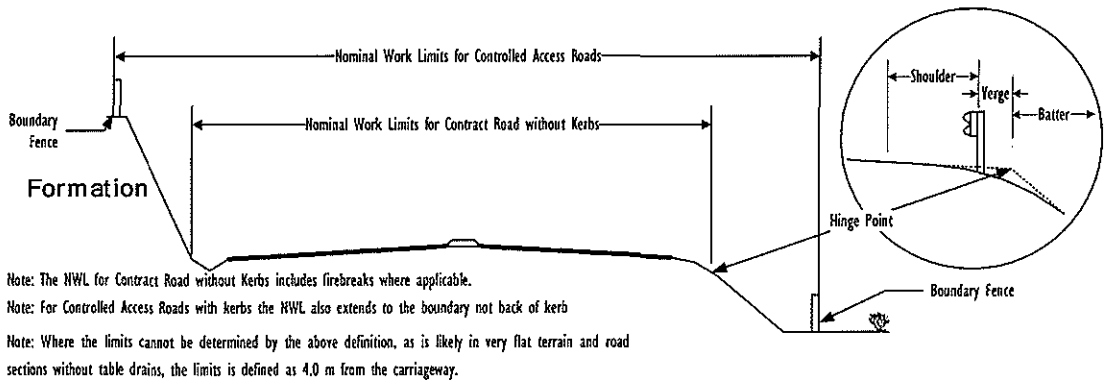
Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Notwithstanding that it may not be within the NWL, the Service Provider is responsible for identifying any major structural problems, severe faults, obstructions or safety problems for any asset on or observable from the Zone that may affect the smooth and safe operation of the Zone network or any connected network systems.

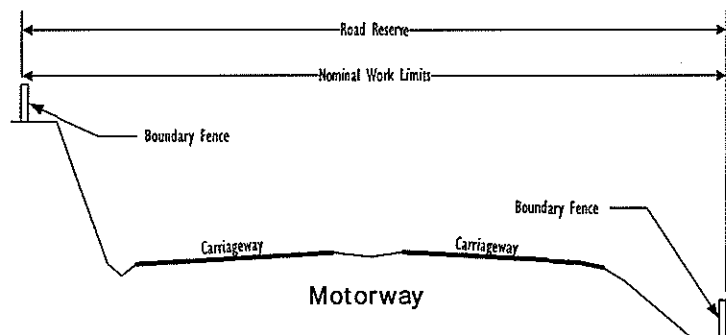
Any median, traffic islands, landscaping, kerbs, guide signs, regulatory signs, pavement markings and road furniture, falling within the NWL are included as part of the NWL unless indicated otherwise.



Nominal Work Limits (NWL) for Contract Road with Kerbs

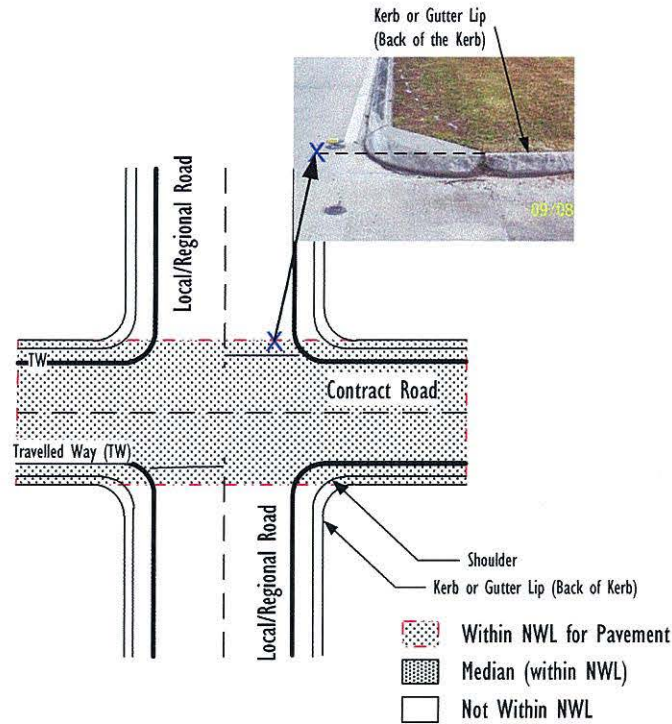


Nominal Work Limits (NWL) for Contract Road without Kerbs

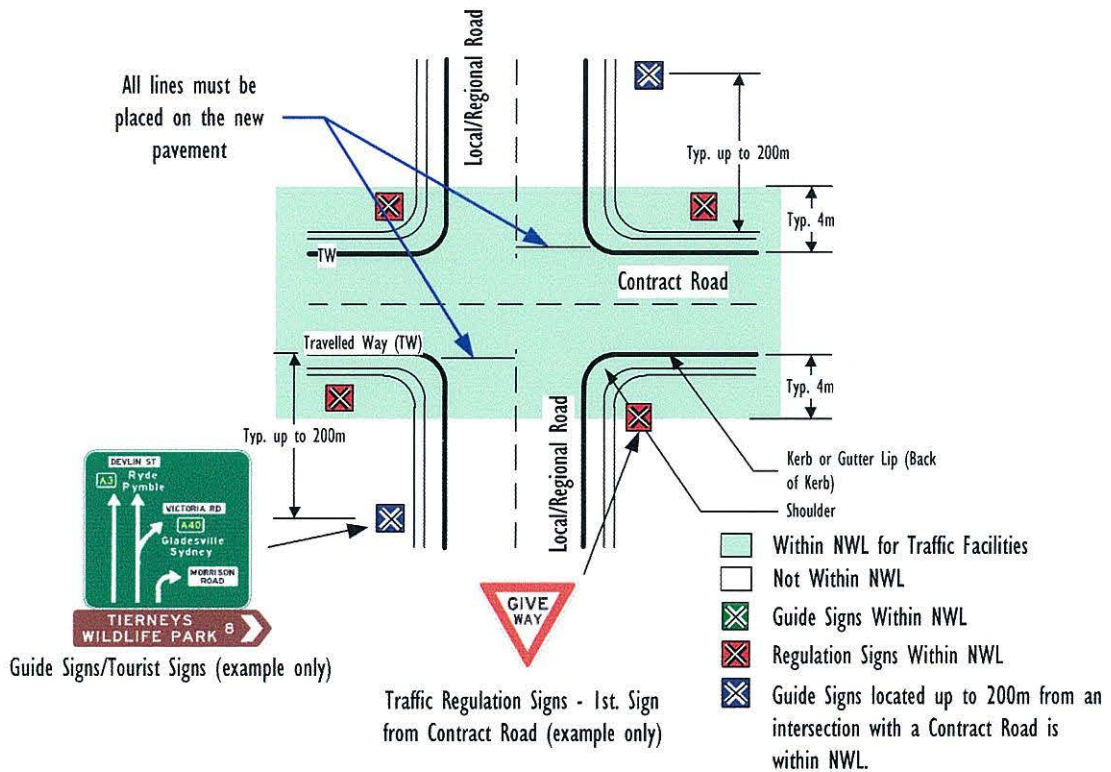


Motorway Nominal Work Limits

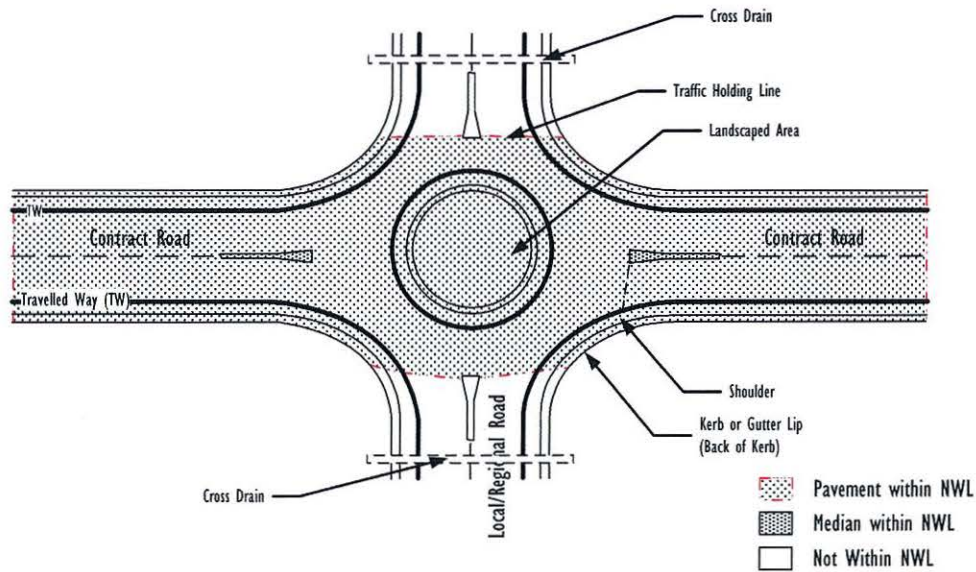
Diagram 1 – Cross Sections for Contract Road and Controlled Access Road Nominal Work Limits (NWL)



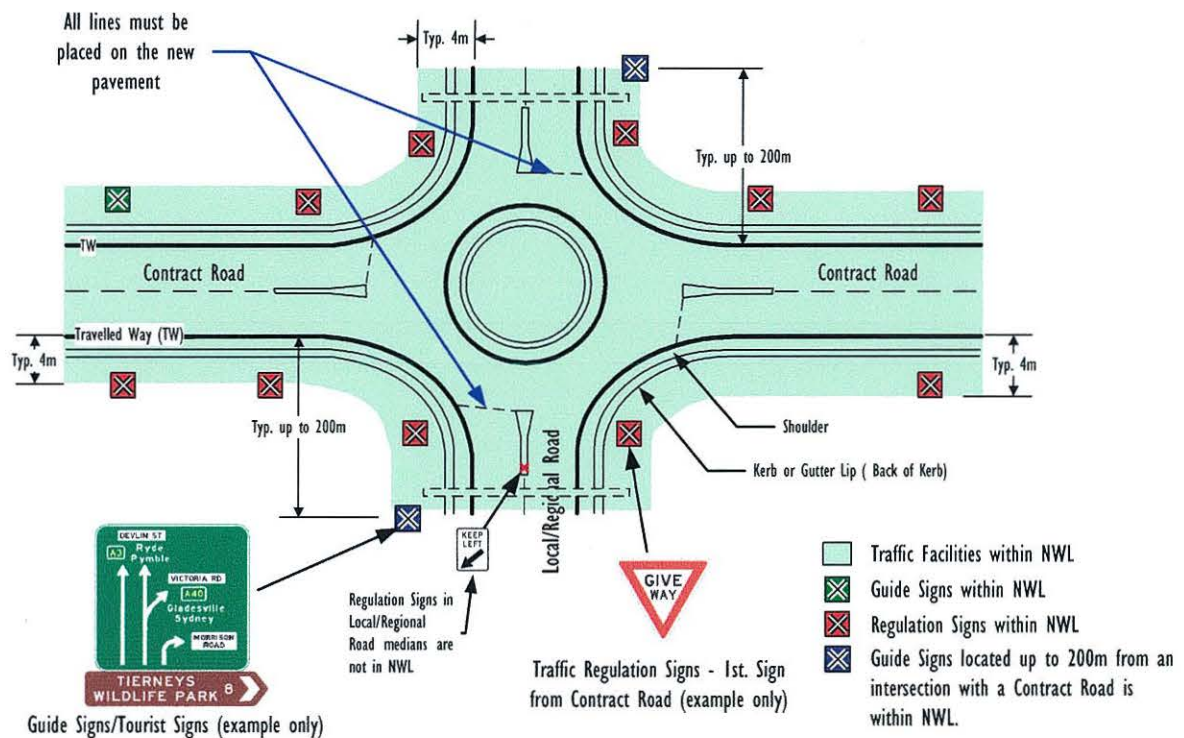
Pavement Nominal Work Limits (NWL) at minor non-signalised intersections



Traffic Facilities Zone of Responsibility at minor non-signalised intersection

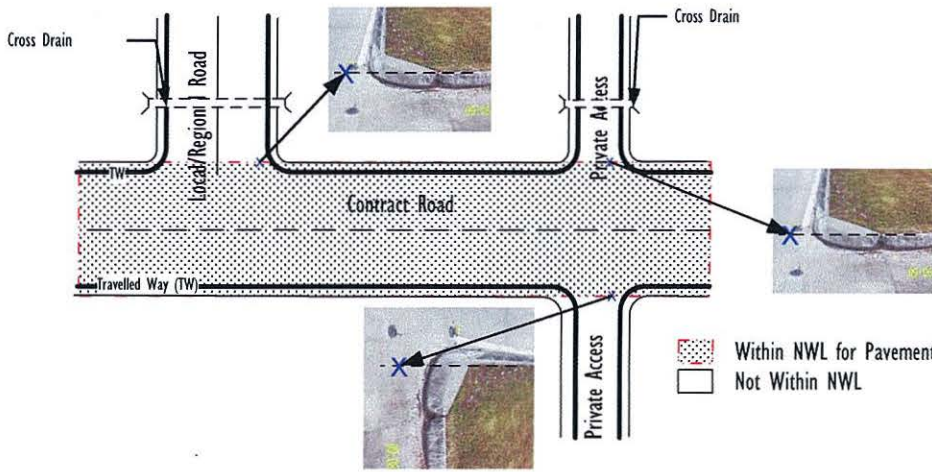


Pavement Nominal Work Limits (NWL) at Roundabouts

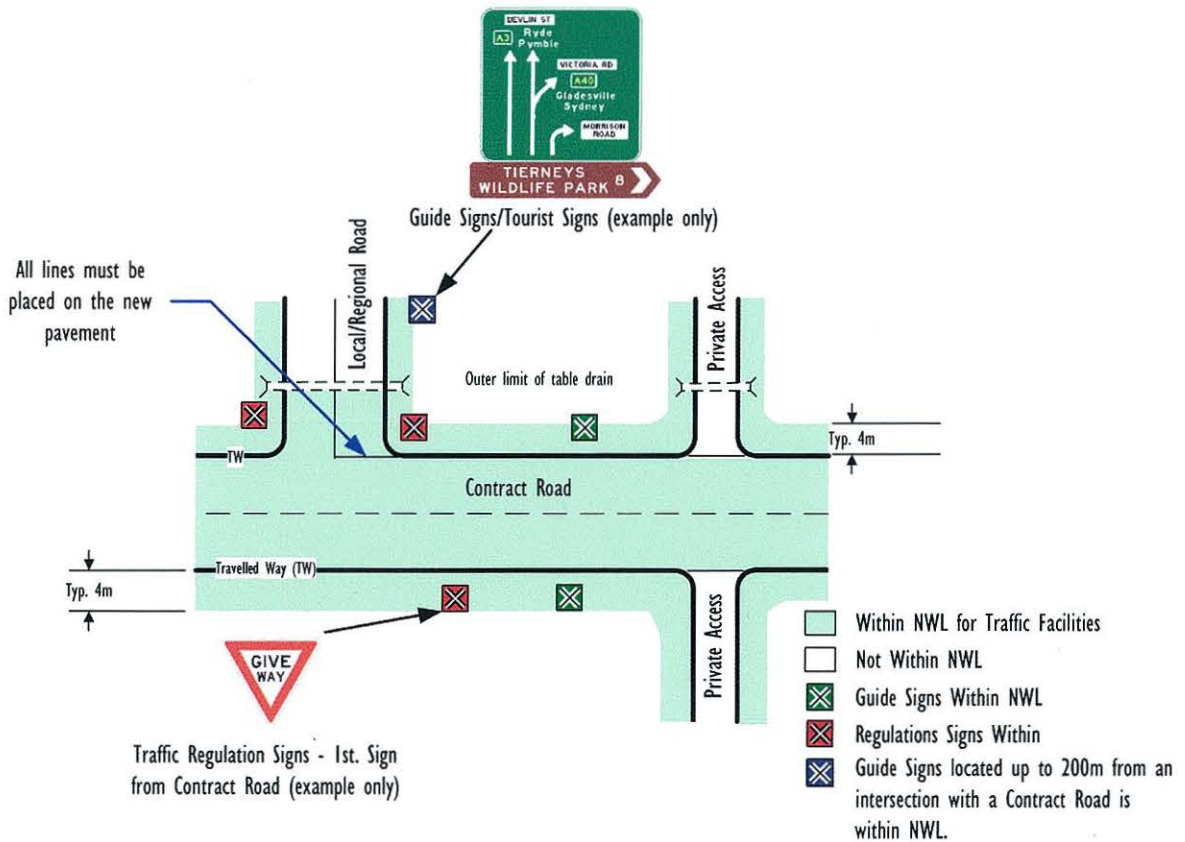


Traffic Facilities Zone of Responsibility at minor non-signalised intersection

Diagram 3 – Nominal Work Limits (NWL) at Roundabouts

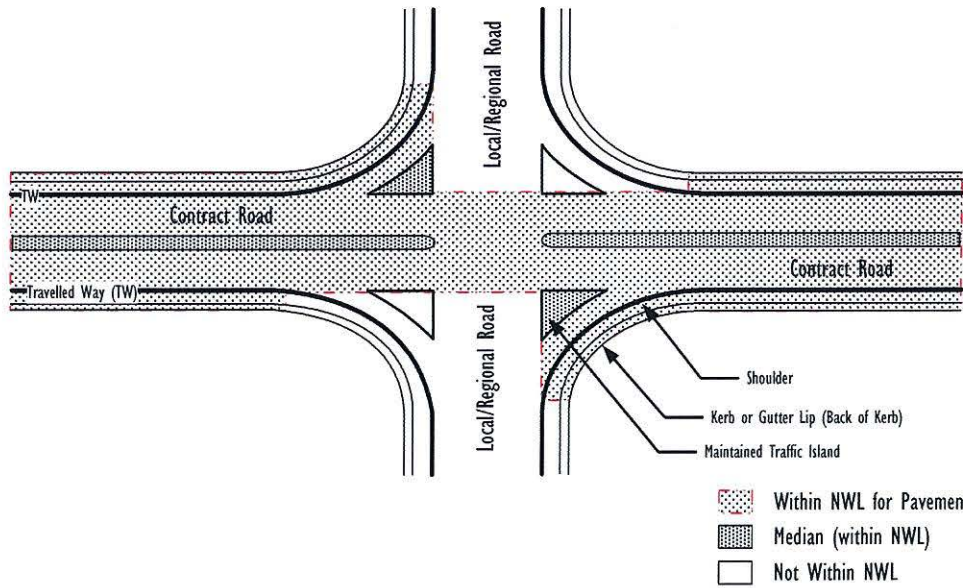


Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads and Private Access Roads

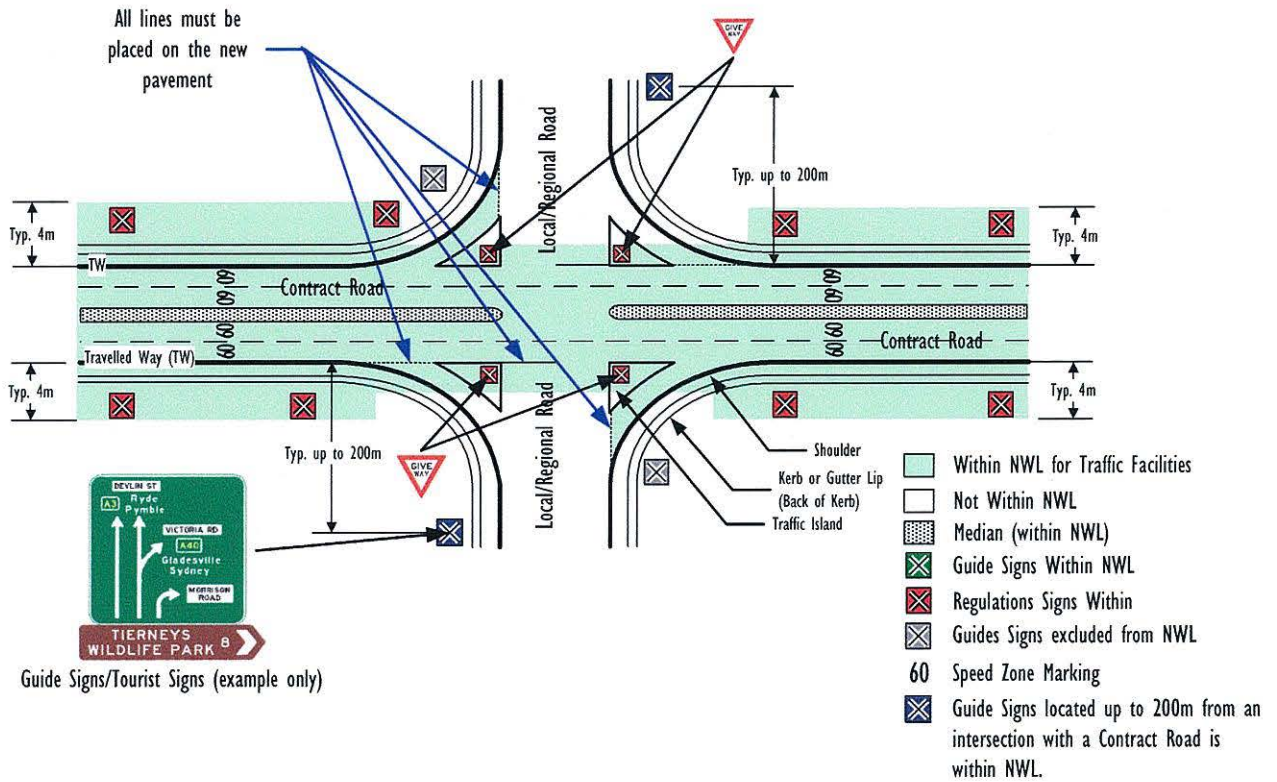


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads and Private Access Roads

Diagram 4 – Nominal Work Limits (NWL) at Minor Non-Signalised Intersections with Local/Regional Roads and Private Access Roads

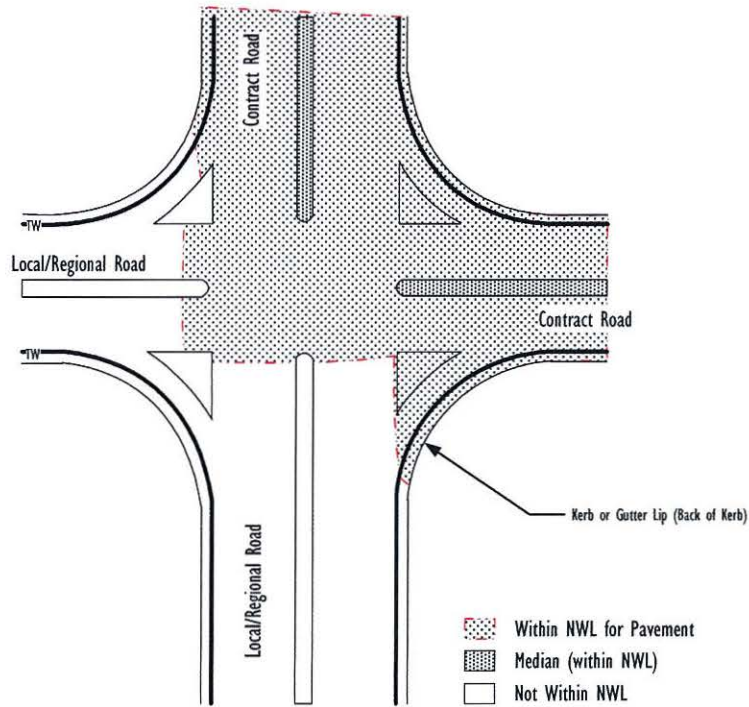


Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Non-Signalised Intersection

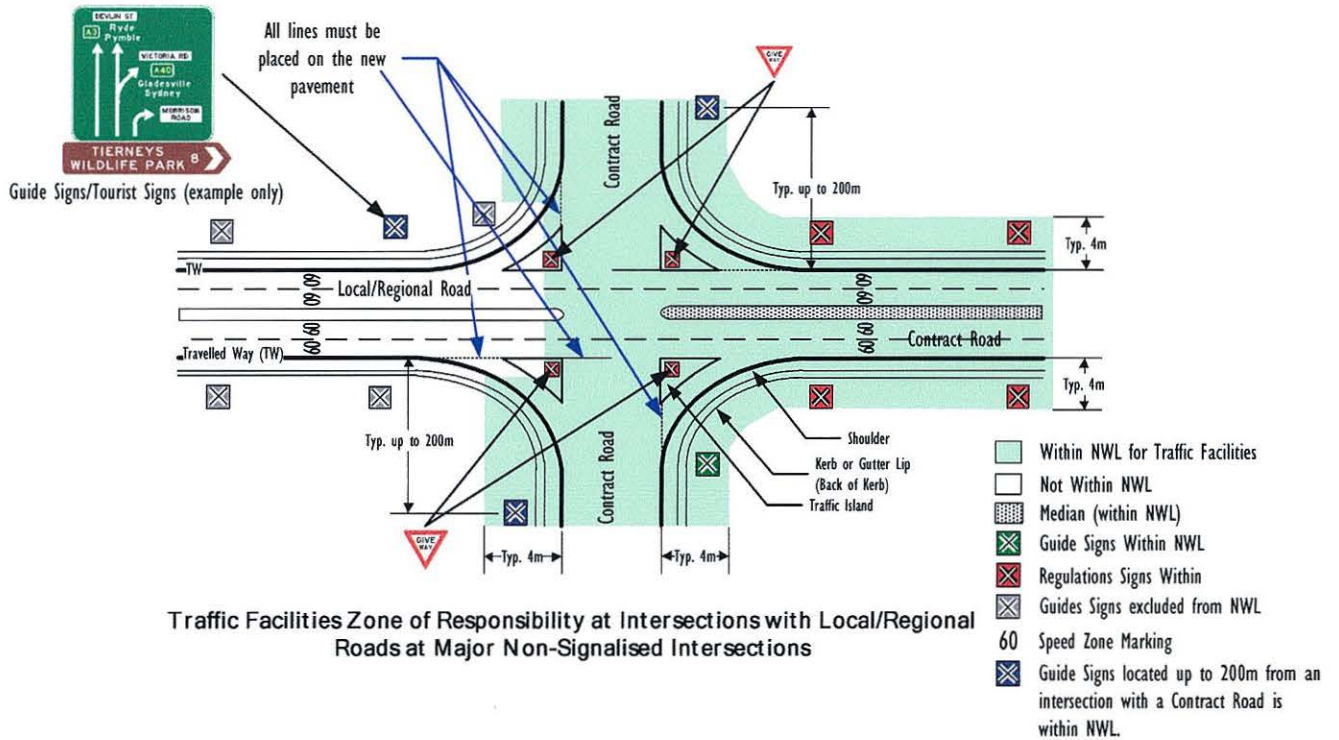


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Non-Signalised Intersections

Diagram 5 – Nominal Work Limits (NWL) at Major Non-Signalised Intersections with Local/Regional Roads and Private Access Roads

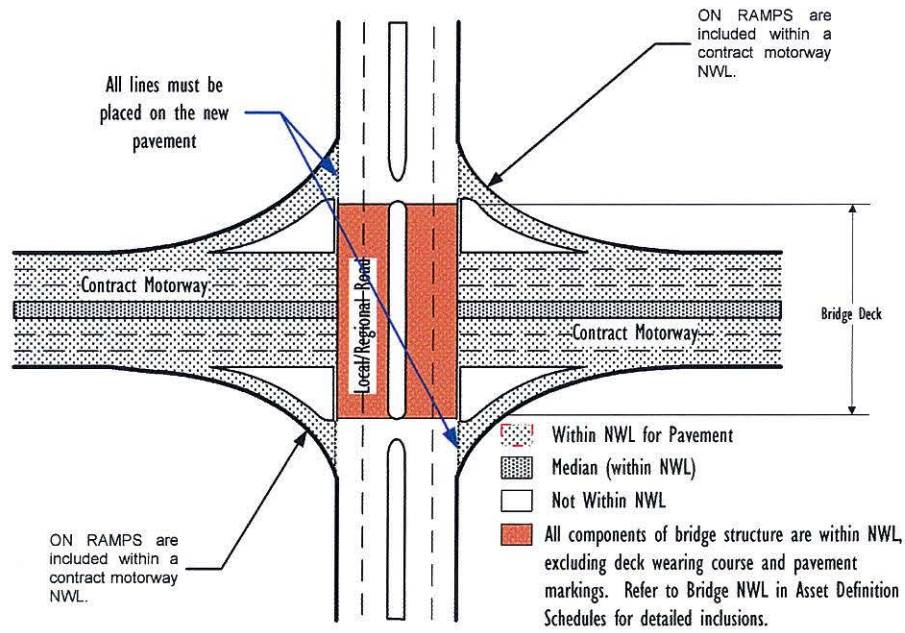


Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Non-Signalled Intersection

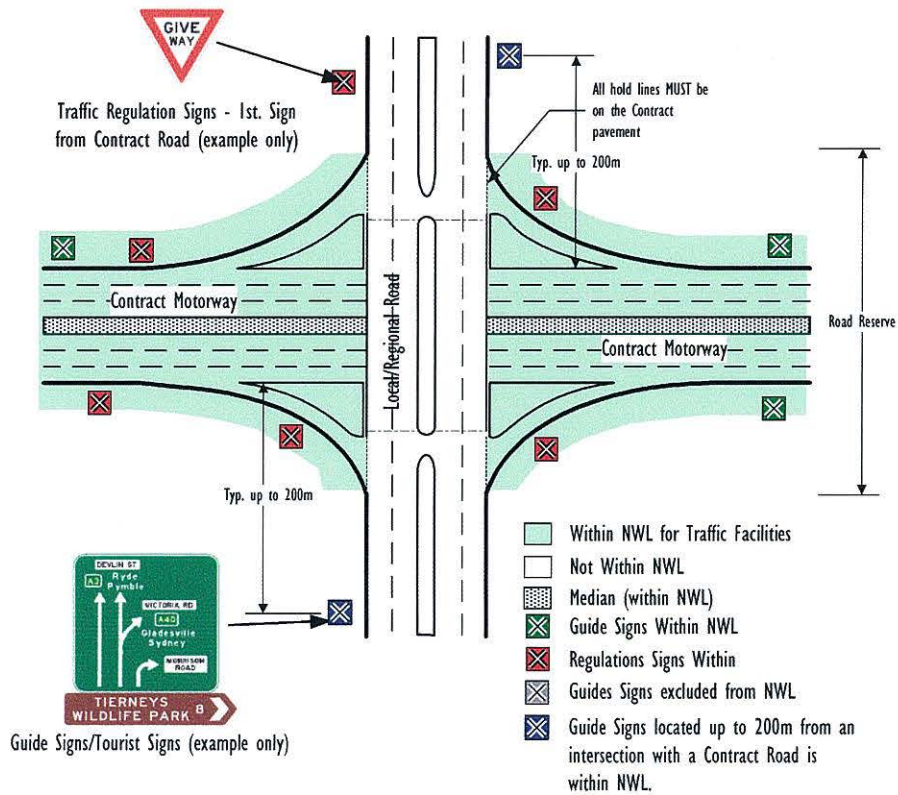


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Non-Signalled Intersections

Diagram 6 – Nominal Work Limits (NWL) at Contract Motorway Intersections with Local/Regional Roads

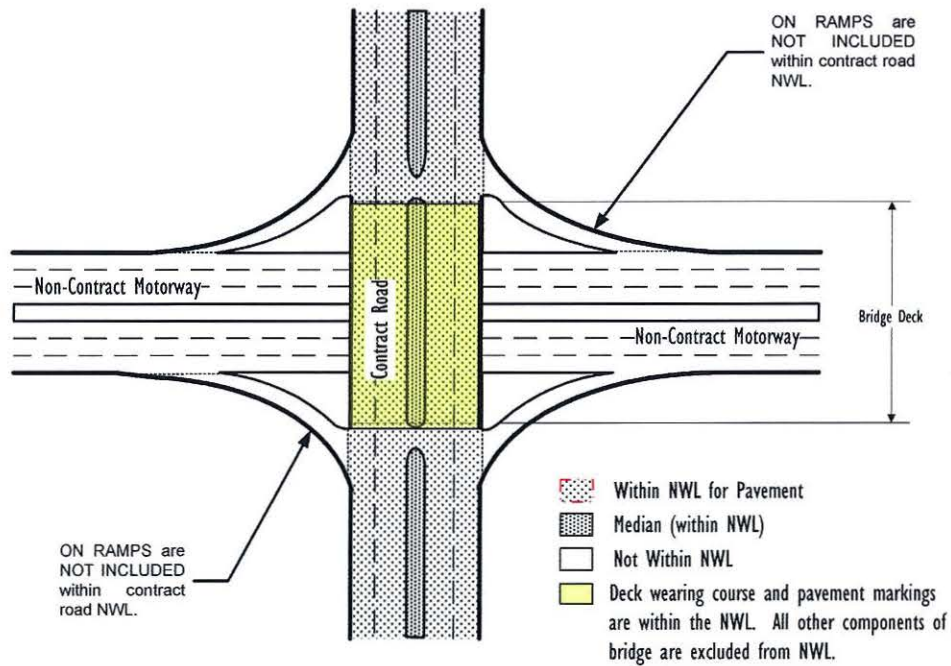


Pavement Nominal Work Limits (NWL) at Contract Motorway Intersections with Local/Regional Roads

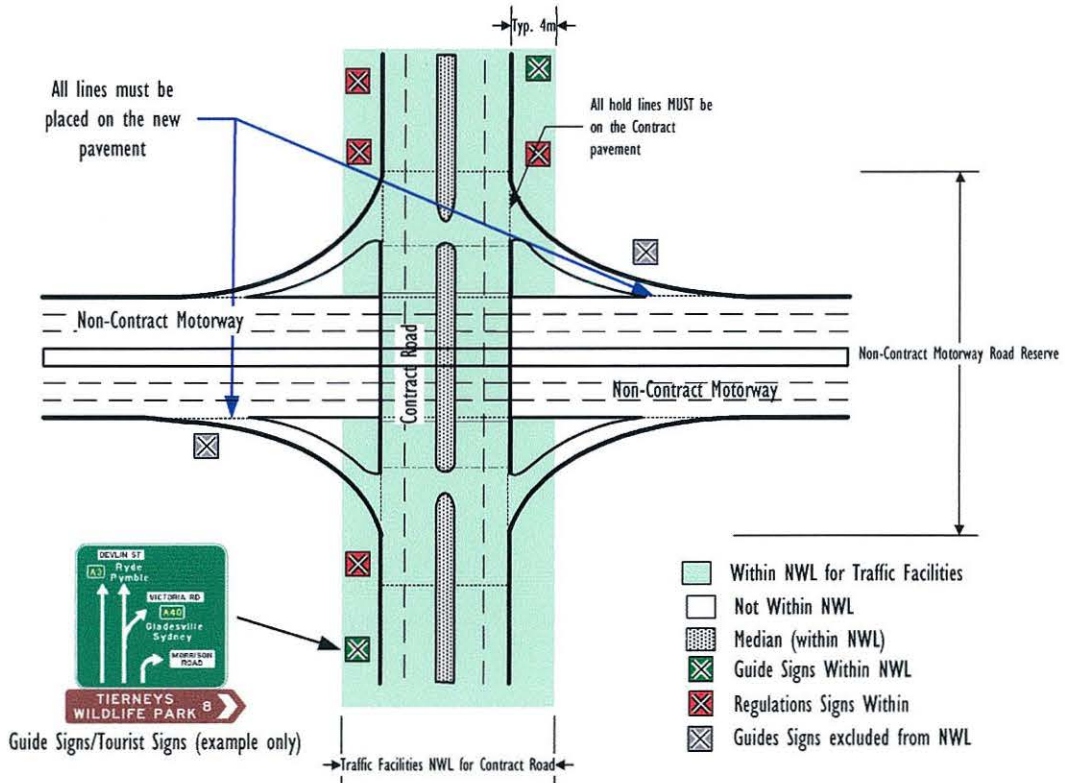


Traffic Facilities Zone of Responsibility at Contract Motorway Intersections with Local/Regional Roads

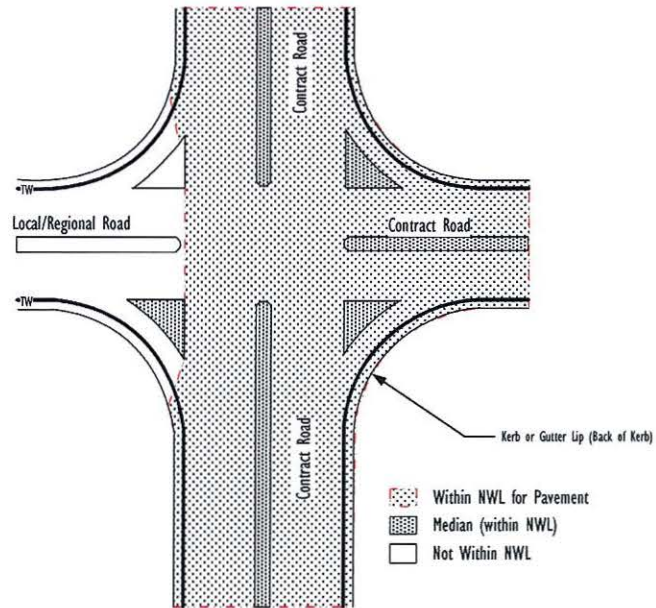
Diagram 7 – Nominal Work Limits (NWL) at Local/Regional Motorway Intersections with Contract Road



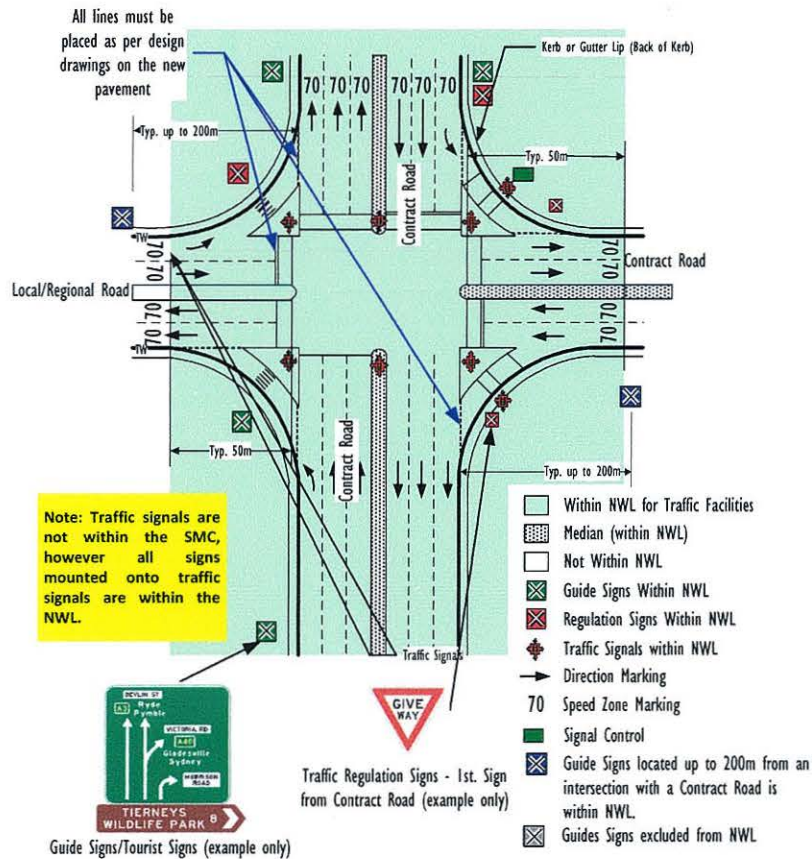
Pavement Nominal Work Limits (NWL) at Local/Regional Motorway Intersections with Contract Road



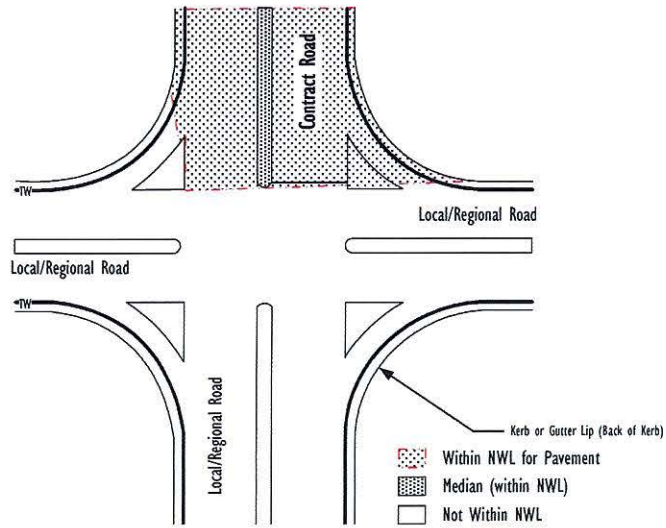
Traffic Facilities Zone of Responsibility at Local/Regional Motorway Intersections with Contract Road



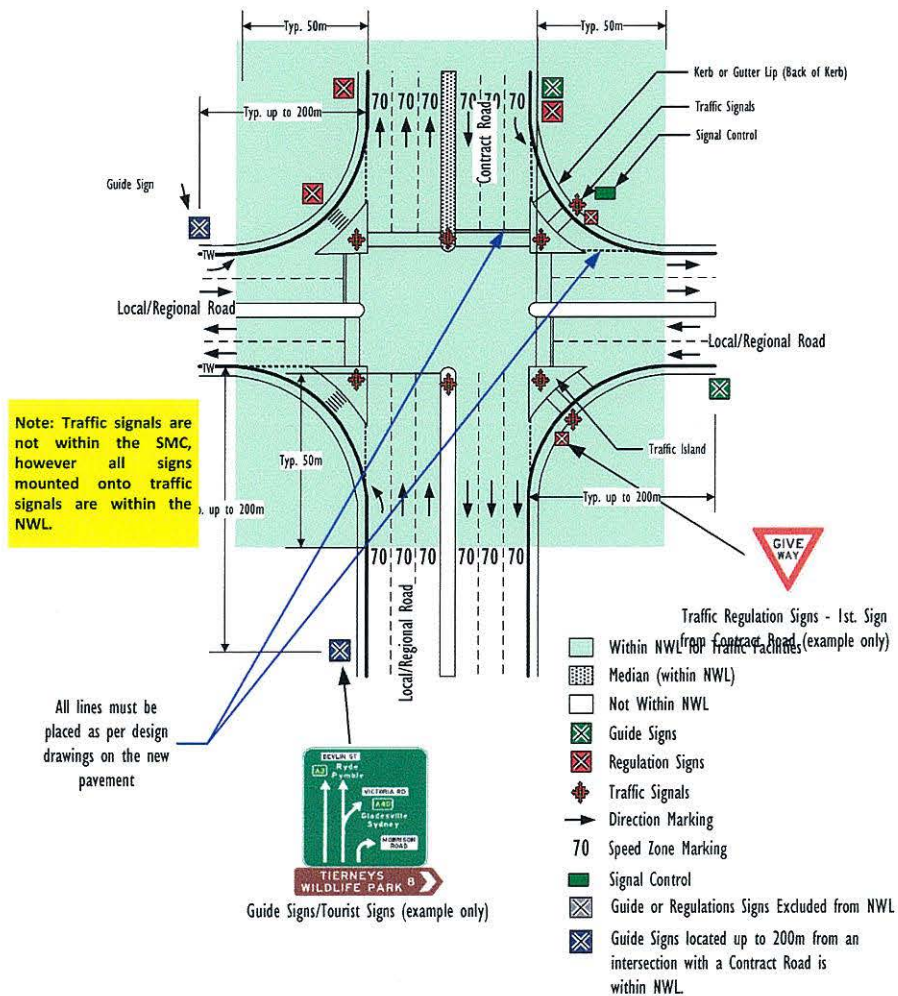
Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Signalised Intersection



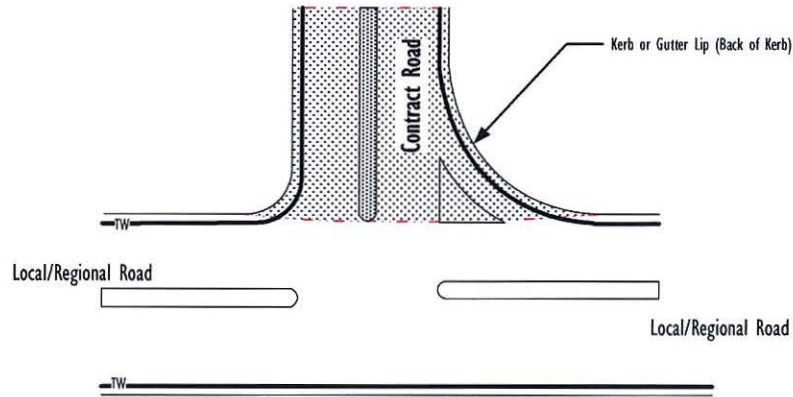
Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Signalised Intersections



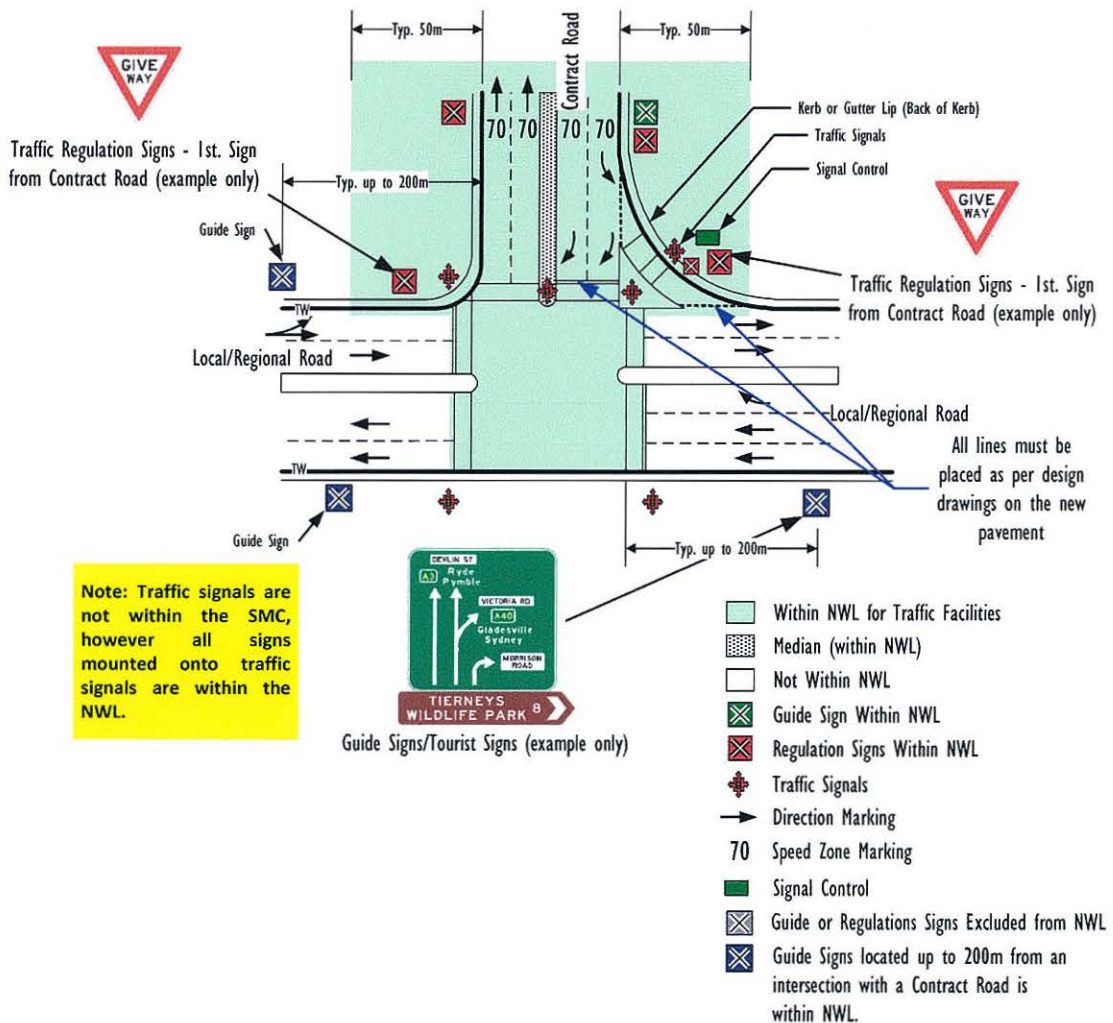
Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Signalised Intersection



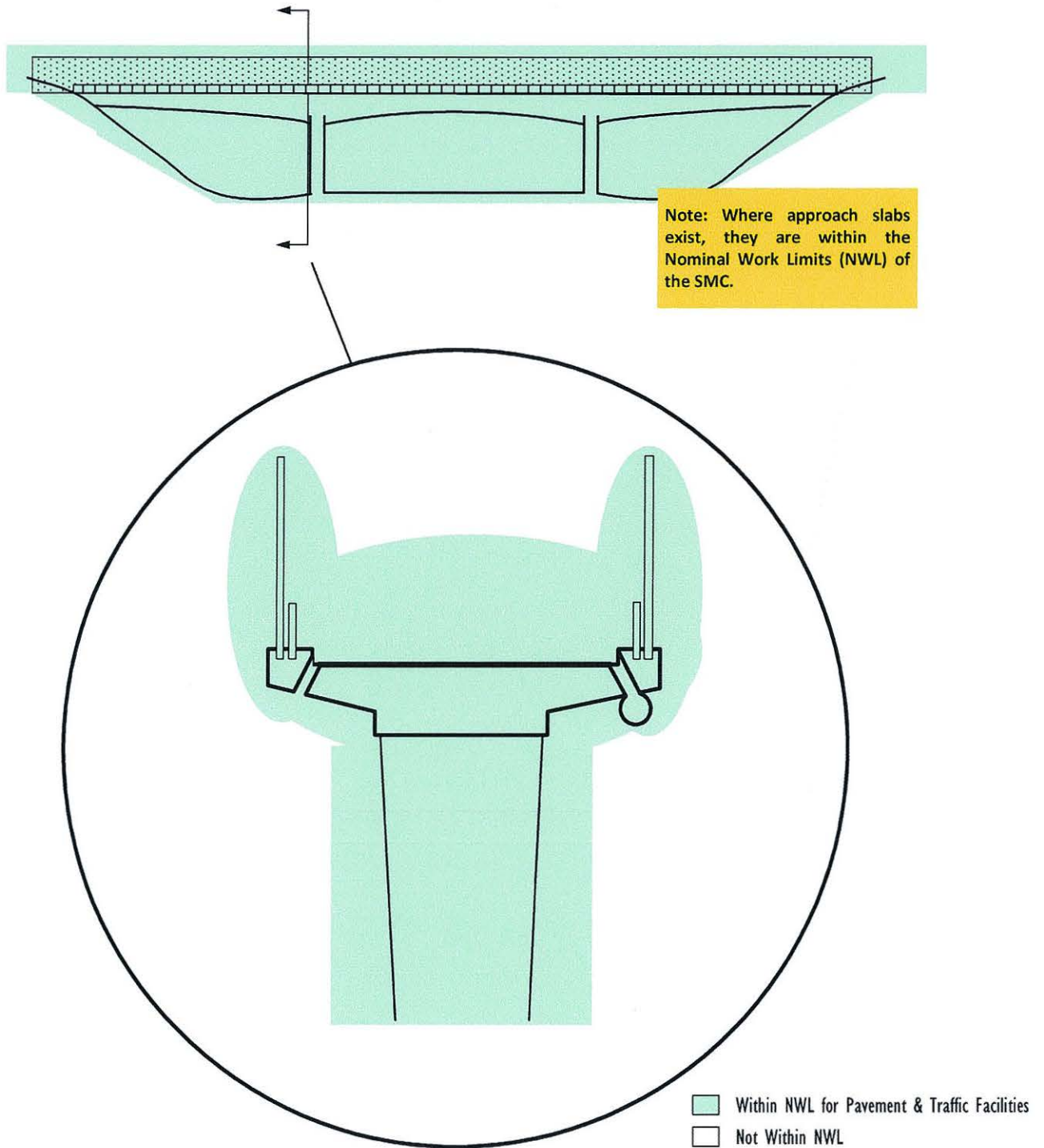
Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Signalised Intersections



Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Signalised Intersection

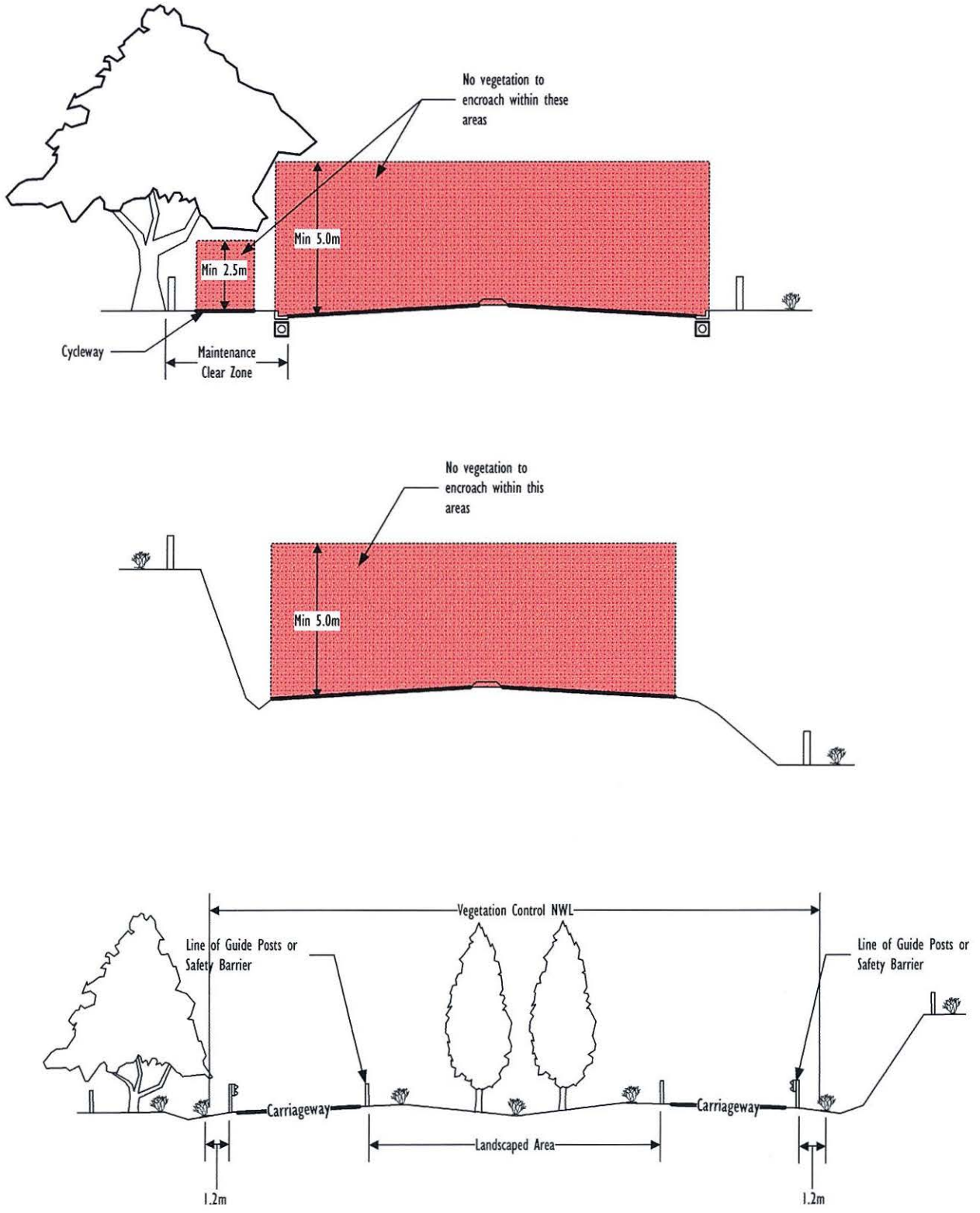


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Signalised Intersections



Pavement Nominal Work Limits (NWL) and Zone of Responsibility for Traffic Facilities on Bridges

Diagram 9 – Nominal Work Limits (NWL) on Contract Bridges



Cross Sections of Vegetation Control Limits for Contract Roads

Diagram 10 – Vegetation Control Limits for Contract Roads

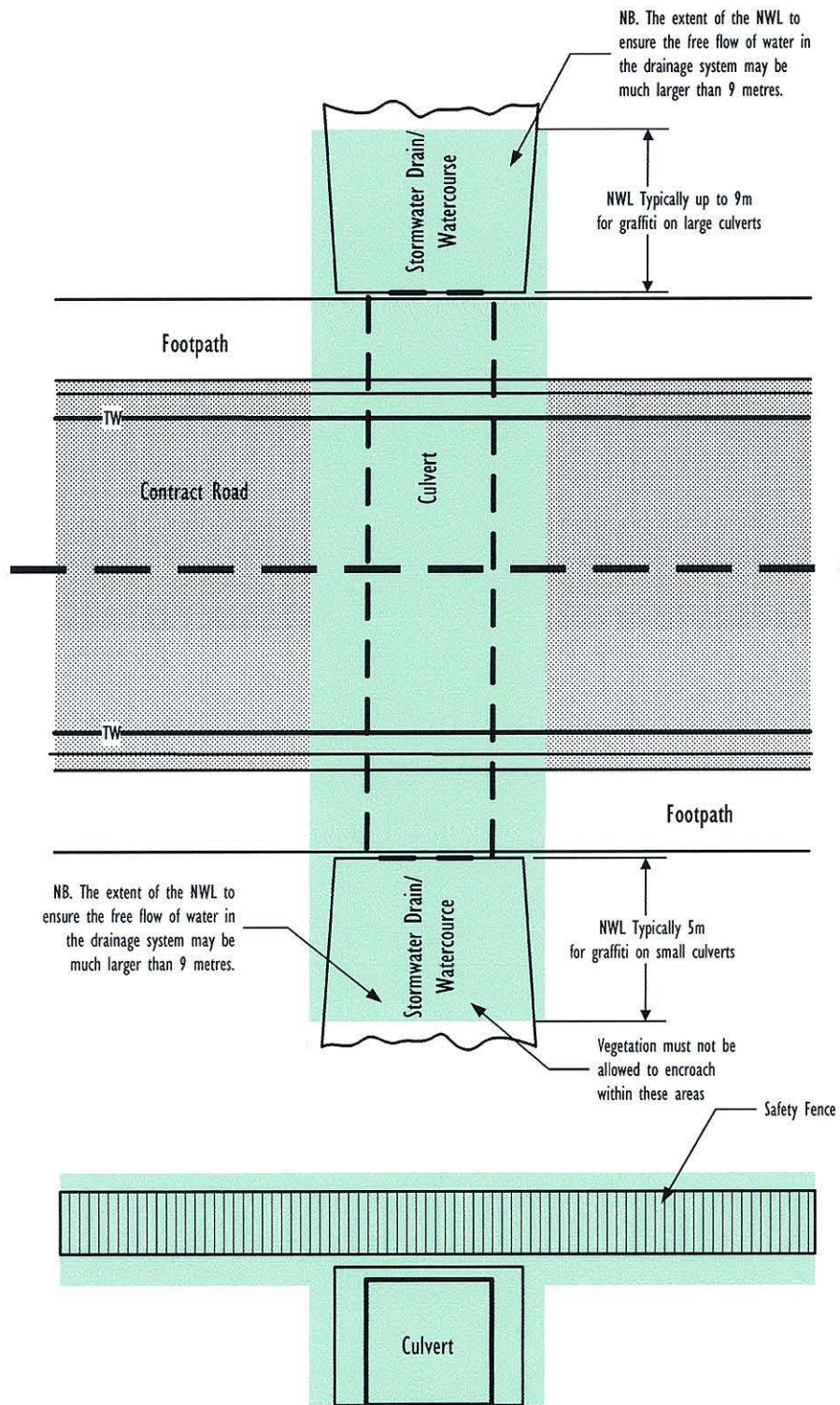


Diagram 11 – Culvert Control Limits for Contract Roads

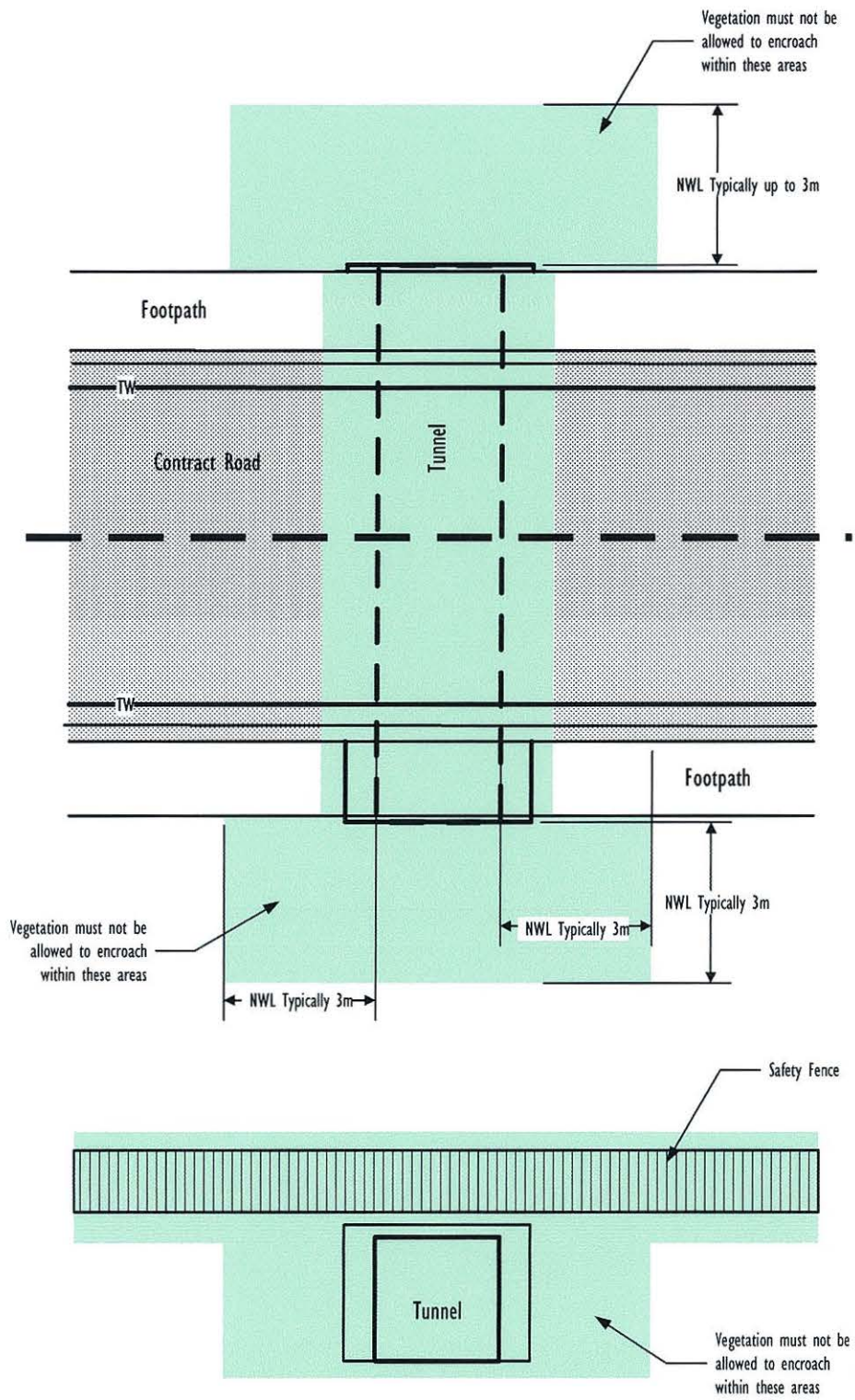


Diagram 12 – Tunnel (Non Road) Control Limits for Contract Roads

2.4 The Road Network

The Contract Roads are listed below:

Road No.	Main Road Name (will include sub-roads)	From	To
Sydney South Zone			
1	Princes Highway	City Rd, Broadway (SH5), Sydney University	Princes Highway, President Avenue (SR2075), Sutherland
2	Liverpool Road	Liverpool Rd, Parramatta Road (SH5), Summer Hill	Woodville Road (MR640), Villawood
5	Parramatta Road	Railway Sq, Lee Street (MR170), Sydney	Frederick Street (MR650), Five Dock
165	Western Distributor, Anzac Bridge, Victoria Road	Bradfield Highway, Harbour Bridge Toll Plaza S/B (Med Nose), Sydney	Cary Street (Iron Cove Bridge western abutment), Drummoyne
167	Enmore Road, Canterbury Road, Milperra Road	King Street, Enmore Road (MR 167), Newtown	Milperra Road, Heathcote Road (MR 512) Liverpool
168	Marsh Street, Wickham Rd, Forest Rd, Queens Rd, Croydon Rd, Forest Road	Marsh Street, Bridge over Cooks River (AB1), Sydney Airport	Henry Lawson Drive, Peakhurst
169	Bay Street, Frederick Street, Bexley Road	The Grand Parade (MR 194), Rockdale	Canterbury Road (MR 167), Campsie
170	Botany Road, Regent Street, Harris St, (links via Wyndham St, Gibbons St, Allen St)	Bunnerong Road (MR 171), Matraville	Ramp off from Western Distributor, Pymont (Allen St)
171	Bunnerong Road, Anzac Parade, Flinders Street	Botany Road, (MR 170), Matraville	Oxford Street (MR 172), Darlinghurst
172	Oxford Street, Syd Einfield Drive, Bondi Road	Crown Street (MR 592) East Sydney	Sandridge Street, Bondi
173	William Street, Bayswater Road, New South Head Road	Crown Street, (MR 592) East Sydney	Old South Head Road (MR 339), Watsons Bay
183	Rainbow Street, Gardeners Road, Canal Road	Avoca Street, Randwick	Princes Highway, (SH 1), St Peters
190	New Illawarra Road, Fairford Road, Olympic Drive	Heathcote Road (MR 512) Lucas Heights	Parramatta Road, Silverwater Road (MR 532), Silverwater
193	Fountain St, Mitchell Rd, Copeland Erskineville Rd, Wilson St	McEvoy Street, Alexandria	King Street, (Princes Hwy SH 1), Newtown
194	Sandringham Street, General Holmes Drive, Mill Pond Road	Rocky Point Road (MR 199), Sans Souci	Botany Road (MR 170), Botany
199	Taren Point Road, Rocky Point Road	Kingsway (MR 227), Caringbah	Princes Highway (SH 1), Kogarah
200	King Georges Road, Roberts Rd, Centenary Drive, Marlborough Rd	Princes Highway (SH1), Blakehurst	Homebush Bay Drive, bridge over Parramatta Road (AB1)-BN7997, Homebush
227	The Kingsway	Elouera Road (SR 2075), Woolooware	Princes Highway (SH 1), Kirrawee
327	Alison Road	Anzac Parade (MR171),	Avoca Street (MR 660),

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Main Road Name (will include sub-roads)	From	To
		Waterloo	Randwick
330	Cleveland Street	Anzac Parade (MR 171), Moore Park	City Road, Cleveland Street (MR 330), Sydney University
339	Old South Head Road	Bondi Road, Old South Head Road (MR 339), Bondi Junction	New South Head Road (MR 173), Watsons Bay
344	Wentworth Avenue	Bunnerong Road,(MR 171), Pagewood	Botany Road (MR 170), Mascot
393	Sir Bertram Stevens Drive, Audley Rd, Farnell Ave (McKell Avenue, Yanagang Street)	Sutherland / Wollongong Council Boundary, Royal National Park	Princes Highway (SH 1), near Loftus (branch via McKell Ave, Yanagang St, Waterfall)
508	Henry Lawson Drive	Forest Road (MR168), Peakhurst	Hume highway (SH 2), Villawood
512	Heathcote Road, Newbridge Rd, Terminus St, Macquarie Street	Princes Highway, (SH 1), Heathcote	Hume Highway (SH 2), Liverpool
523	Pymont Bridge Road, Bridge St	Harris Street, Pymont	Parramatta Road (SH 5), Camperdown
528	Dacey Street, Lachlan St, Bourke St, McEvoy, Sydney Park Road	Anzac Parade (MR 171), Moore Park	Princes Highway (SH 1), St Peters
549	Milton Street, Georges River Rd, Punchbowl Road	Liverpool Road (SH 2), Croydon	Canterbury Road (MR167), Punchbowl
592	Cahill Expressway (SHB Precinct)	Eastern Distributor, toll road limits ramp off to Macquarie Street, Sydney	Bradfield Highway (MR 632) southern toll plaza Millers Point
593	Southern Cross Drive	General Holmes Drive, Mascot	Oxford Street, Paddington
594	Abercrombie Street, Wattle St, (Fig Street)	Cleveland Street (MR 330), Chippendale	Pymont Bridge Road, Blackwattle Bay
616	Denison Street, Beauchamp Road, Bumborah Point Road	Wentworth Avenue (MR 344), East Gardens	Military Road, Matraville
617	Foreshore Road	Botany Road (MR 170), Banksmeadow	General Holmes Drive (MR 194), Mascot
632	Bradfield Highway	Bradfield Highway, Harbour Bridge Toll Plaza S/B (Med Nose), Sydney	Warringah Freeway, Lavender Street (P), North Sydney
634	The River Road	M5 Motorway W/B on ramp, Revesby	Milperra Road (MR 167), Revesby
636	Juno Parade, Boronia Road	Punchbowl Road (MR549) Lakemba	Liverpool Road (Hume highway), (SH 2), Greenacre
638	Brunker Road	Liverpool Road (SH 2), Chullora	Rockwood Road (MR190), Yagoona
640	Woodville Road	Hume Highway (SH 2), Villawood	Parramatta Road (SH 5), Granville
650	Frederick Street, Wattle St, Dobroyd Parade, City West Link Rd, The Crescent	Liverpool Road (SH 2), Croydon	Victoria Road (MR 165), Rozelle

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Main Road Name (will include sub-roads)	From	To
652	Old Canterbury Road, Brown Street, Darling Street	Canterbury Road (MR167)/ Griffiths Street, Dulwich Hill	Victoria Road (MR 165), Rozelle
655	Johnston Street	Parramatta Road (SH 5), Annandale	City West Link Road (MR 650) Rozelle
657	Moorebank Avenue	South Western Freeway (F5), Moorebank	Heathcote Road (MR 512), Moorebank
658	Joyce Drive, O' Riordan Street (O'Riordan St)	General Holmes Drive (MR 194), Mascot	Botany Road (MR 170), Zetland
659	Bourke Road, Coward St, Kent Rd	O' Riordan Street (MR 658), Mascot	Ricketty Street (MR183), Mascot
660	Avoca Street, Frenchmans Rd, Carrington Rd, Council Street	Anzac Parade, Kingsford	Bondi Road (MR 172), Bondi Junction
661	Anzac Parade	Beauchamp Road (RR 7340), Maroubra	The Nine Ways, Kingsford
662	Captain Cook Drive	Taren Point Road (MR 199), Miranda	Gannons Road North, Caringbah
663	Old Princes Highway, The Grand Parade, Linden St, River Rd, Woronora Bridge, Bangor Bypass	Acacia Road (Princes Highway (SH 1), Sutherland	New Illawarra Road, Barden Ridge
664	Railway Road, Gleeson Rd, Sydenham Rd, Livingston Rd, Railway Terrace	Princes Highway (SH 2), St Peters	Old Canterbury Road, Petersham
665	Stoney Creek Road	Forest Road, Bexley	Forest Road, Peakhurst
666	Ross Street, Minogue Cres, The Crescent	Parramatta Rd (SH 5), Forest Lodge	Johnston Street (MR 655), Rozelle
667	President Avenue	The Grand Parade (MR 194), Brighton-Le-Sands	Princes Highway (Sh 2), Kogarah
668	Coronation Parade, The Boulevard, Redmyre Rd, Raw Square, Everton Road, Leicester Avenue	Punchbowl Road, (MR 549), Strathfield South	Parramatta Road (SH 5), Strathfield
669	Port Hacking Road	The Kingsway (MR 227), Miranda	Princes Highway, (SH 1), Sylvania
682	Palmer Street, Sir John Young Cres	William Street (MR 173), East Sydney	Cowper Wharf Road, (Eastern Distributor) Woolloomooloo
4020	Wattamolla Road	Sir Bertram Stevens Drive, (MR 393) Royal National Park	Wattamolla Beach (carpark entry)
4025	Garie Road	Sir Bertram Stevens Drive, Royal National Park	Garie Beach (carpark entry), Royal National Park
6004	M4 Western Motorway	M4 Western Motorway, ramp off to Silverwater Road, Lidcombe	Western Freeway, ramp off to James Ruse Drive, Granville
6007	Eastern Distributor (SHB Precinct)	East Distributor, Woolloomooloo	Cahill Expressway, ramp on from Macquarie Street, Sydney

3 Detailed Asset Schedule

The following schedule provides information about specific Assets to be maintained and the specific requirements form part of the Services.

Where a 'Side' has been referred to, generally this would be the side of the carriageway as if you were travelling away or out of the Sydney CBD.

The information provided within this schedule is constantly being updated and the Service Provider is to confirm for themselves the quantum of Assets to be maintained under this Contract. Any Assets which form part of the Services, on Contract Roads, within the Nominal Work Limits are deemed to be included in the pricing provided.

3.1 Schedule of Pavement Related Assets

3.1.1 Off-Road Cycleways

Cycle Route	Section	Pavement	Length
SYDNEY SOUTH ZONE			
Bankstown to Menai	Alfords Point; Clancy St, Padstow Heights to Brushwood Dr, Illawong	Concrete/ Asphalt	2600m approx
Botany Bay to Mascot	Alexandra Canal; Airport Drive, Mascot to Coward St,	Concrete	2000m approx

3.1.2 Controlled Access Roads

Road No	Road Name	From	From Suburb	To	To Suburb	LGA
SYDNEY SOUTH ZONE						
1	PRINCES HWY	ALDGATE ST	SUTHERLAND	GRAFTON ST	KIRRAWEE	SUTHERLAND
172	SYD ENFIELD DR	OCEAN ST	BONDI JUNCTION	OLD SOUTH HEAD RD	BONDI JUNCTION	WOOLLAHRA
190	ALFORDS POINT RD	ALMA RD	PADSTOW	MENAI RD	MENAI	BANKSTOWN
190	STACEY ST	MACAULEY AV	BANKSTOWN	CANTERBURY RD	BANKSTOWN	BANKSTOWN
190	STACEY ST	ROOKWOOD RD	YAGOONA	HUME HWY	GREENACRE	BANKSTOWN
199	ROCKY POINT RD	FRATERS AV	SANS SOUCI	TAREN POINT BRIDGE (NORTH)	SANS SOUCI	ROCKDALE
200	CENTENERY DR	PARRAMATTA RD	HOME BUSH WEST	ADA AV	STRATHFIELD	STRATHFIELD
592	CAHILL EXP	MACQUARIE ST	SYDNEY	CAHILL EXP	SYDNEY	SYDNEY
592	CAHILL EXP	BRADFIELD HWY	MILLERS POINT		MILLERS POINT	SYDNEY
593	SOUTH DOWLING ST	MOORE PARK RD	MOORE PARK	EPSOM RD	ROSEBERY	SYDNEY
593	SOUTHERN CROSS DR	WENTWORTH AV	PAGEWOOD	BOTANY RD	PAGEWOOD	BOTANY BAY
663	MENAI RIVER RD	LINDEN ST	SUTHERLAND	NEW ILLAWARRA RD	MENAI	SUTHERLAND

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No	Road Name	From	From Suburb	To	To Suburb	LGA
6004	WESTERN MTWY	SILVERWATER RD	SILVERWATER	JAMES RUSE DR	SILVERWATER	AUBURN
6007	EASTERN DISTRIBUTOR	COWPER WHARF RD	WOOLMOOLOO	SIR JOHN YOUNG CR	WOOLMOOLOO	SYDNEY
6007	EASTERN DISTRIBUTOR	SIR JOHN YOUNG CR	WOOLMOOLOO	CATHEDRAL ST	WOOLMOOLOO	SYDNEY

3.1.3 Pavement Schedule

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
SYDNEY SOUTH ZONE							
1	City Road	Broadway (SH5), Sydney University	King Street, Carillon Avenue (RR7085), Newtown	1.007	4.416	4	Rigid
1	King Street	Carillon Avenue (RR7085), Newtown	Princes Highway, Sydney Park Road, Street Peters	2.335	7.562	4	Rigid
1	Princes Highway	Sydney Park Road, Street Peters	Stuart Street, Blakehurst	11.649	70.486	4	Rigid
1	Princes Highway	Stuart Street, Blakehurst	Clare Street, Sylvania	2.408	13.765	5	Rigid
1	Acacia Road	Old Princes Highway (SR 2034), Sutherland	Princes Highway, President Avenue (Sr2075), Sutherland	0.411	2.412	5	Flexible
1	Railway Parade	Old Princes Highway (2Nd Occ), Engadine	Princes Highway, Heathcote Road (MR 512), Heathcote	0.526	3.141	5	Flexible
1	Princes Highway	Townson Street, Blakehurst	Southern Freeway (F6) N/B, Waterfall	23.246	112.963	5	Flexible
2	Liverpool Road	Parramatta Road (SH5), Summer Hill	Woodville Road (MR 640), Villawood	7.383	39.197	5	Flexible
2	Liverpool Road	Queen Street, Ashfield	Woodville Road (MR 640), Villawood	13.274	83.595	5	Rigid
5	Railway Square	Lee Street (MR 170), Sydney	Broadway, Regent Street (MR 170), Ultimo	0.223	1.511	5	Rigid

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
5	Broadway	Regent Street (MR 170), Ultimo	Parramatta Road, Derwent Street, Glebe	1.009	6.747	5	Rigid
5	Parramatta Road	Ross Street (SR 2073), Forest Lodge	Mallett Street, Camperdown	0.763	2.289	5	Flexible
5	Parramatta Road	Derwent Street, Glebe	Frederick Street (MR 650), Five Dock	6.453	37.435	5	Rigid
165	Western Distributor	Bradfield Highway, Harbour Bridge Toll Plaza S/B (Med Nose), Sydney	Glebe Is Arterial, Off Ramp To Pymont Bdg Road-Crash Barr-65R, Pymont	2.313	10.199	6	Flexible
165	Western Distributor	Western Distributor, End Div Cway (Nose), Sydney	Glebe Is Arterial, Ramp Off To Allen Street & MR 70-CRSH Barr, Pymont	0.484	2.789	6	Rigid
165	Glebe Is Arterial	Off Ramp To Pymont Bdg Road-Crash Barr-65R, Pymont	Victoria Road, W/B On Ramp From Pymont Bridge Road(85T), Rozelle	0.434	1.302	6	Flexible
165	Glebe Is Arterial	Ramp Off To Allen Street & MR 170-CRSH Barr, Pymont	Victoria Road, E/B Off Ramp To Pymont Bridge Road, Rozelle	0.45	1.35	6	Rigid
165	Victoria Road	W/B On Ramp From Pymont Bridge Road (85T), Rozelle	The Crescent (MR 650), Rozelle	1.474	9.914	6	Rigid
165	Victoria Road	Terry Street, Drummoyne	Cary Street, Drummoyne	0.777	2.938	5	Flexible
165	Victoria Road	The Crescent (MR 650), Rozelle	Cary Street, Drummoyne	2.065	13.44	5	Rigid
167	Enmore Road	King Street, (MR 167), Newtown	Stanmore Road, (SR 2021), Enmore	0.729	2.916	4	Flexible
167	Enmore Road	King Street, (MR 167), Newtown	Stanmore Road, (SR 2021), Enmore	0.729	2.916	4	Rigid
167	Stanmore Road	Enmore Road (SR 2021), Enmore	New Canterbury Road, Crystal Street (Rr7007), Lewisham	1.41	5.64	4	Rigid

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
167	New Canterbury Road	Audley Street, Petersham	Canterbury Road, Griffiths Street, Dulwich Hill	2.902	11.608	4	Flexible
167	New Canterbury Road	Crystal Street (RR7007), Lewisham	Canterbury Road, Griffiths Street, Dulwich Hill	3.156	12.624	4	Rigid
167	Canterbury Road	Griffiths Street, Dulwich Hill	Milperra Road, The River Road (RA 2068), Revesby	2.097	9.954	4	Flexible
167	Canterbury Road	Griffiths Street, Dulwich Hill	Milperra Road, The River Road (RA 2068), Revesby	11.18	46.286	4	Rigid
167	Milperra Road	The River Road (RA 2068), Revesby	Edgar Street, Revesby	0.727	4.232	4	Rigid
167	Milperra Road	The River Road (RA 2068), Revesby	Heathcote Road (MR 512), Liverpool	8.39	50.966	4	Flexible
168	Marsh Street	Marsh Street, Bridge over Cooks Rigid (Ab1), Sydney Airport	West Botany Street, Marsh Street (MR 168), Arncliffe	1.154	7.491	4	Flexible
168	West Botany Street	Marsh Street (MR 168), Arncliffe	Wickham Street, (SR 2032)(2), Arncliffe	0.131	0.655	4	Flexible
168	Wickham Street	West Botany Street (SR 2032)(2), Arncliffe	Princes Highway, Forest Road (MR 168), Arncliffe	0.337	1.348	4	Flexible
168	Croydon Road	Forest Road (MR 168), Hurstville	Queens Road, Croydon Road (MR 168), Hurstville	0.436	1.744	4	Flexible
168	Queens Road	Croydon Road (MR 168), Hurstville	Forest Road, Hurstville	1.148	2.296	4	Flexible
168	Forest Road	Wollongong Road (SR 2086), Banksia	Forest Road, Peakhurst	5.202	23.116	4	Rigid
168	Forest Road	Princes Highway, (MR 168), Arncliffe	Forest Road, Peakhurst	6.364	26.283	4	Flexible
169	Bay Street	The Grand Parade (MR 194), Brighton-Le-Sands	Princes Highway, (MR 169), Rockdale	1.946	7.974	4	Flexible

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
169	The Seven Ways	Princes Highway, Bay Street (MR 169), Rockdale	Frederick Street, Alexandria Parade (MR 169), Rockdale	0.271	1.084	4	Flexible
169	Frederick Street	Alexandria Parade (MR 169), Rockdale	Watkin Street, (MR 169), Bexley	0.222	0.888	4	Flexible
169	Watkin Street	Frederick Street (MR 169), Bexley	Harrow Road, (MR 169), Bexley	0.195	0.78	4	Flexible
169	Harrow Road	Watkin Street (MR 169), Bexley	Forest Road, Bexley Road (SR 2014), Bexley	0.633	2.532	4	Flexible
169	Harrow Road	Watkin Street (MR 169), Bexley	Forest Road, Bexley Road (SR 2014), Bexley	0.633	2.532	4	Rigid
169	Bexley Road	Forest Road, (SR 2014), Bexley	New Illawarra Road (RR 7030), Bexley North	1.728	6.912	4	Rigid
169	Bexley Road	Bridge Over Bardwell CREEK (Ab1) BN0187, Bexley	Canterbury Road, (MR 169), Campsie	3.464	13.856	4	Flexible
170	Botany Road	Bunnerong Road (MR 171), Matraville	Bumborah Point Road, Port Botany	0.601	3.594	4	Flexible
170	Botany Road	Foreshore Road (MR 617), Banksmeadow	Mill Pond Road (MR 194A B Cway), Botany	3.539	13.396	3	Rigid
170	Botany Road	Bumborah Point Road, Matraville	Morley Avenue, Beaconsfield	2.731	15.276	5	Flexible
170	Botany Road	Bumborah Point Road, Matraville	Henderson Road (RR7005), Alexandria	5.453	28.313	5	Rigid
170	Hendersen Road	Botany Road, (RR7005), Alexandria	Wyndham Street (SR 2011), Alexandria	0.089	0.534	4	Flexible
170	Wyndham Street	Henderson Road, (SR 2011), Alexandria	Gibbons Street, Boundary Street, Redfern	0.215	0.86	4	Flexible
170	Gibbons Street	Boundary Street, Redfern	Regent Street, Lawson Square, Redfern	0.387	1.548	4	Flexible

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
170	Regent Street	Lawson Square, Redfern	Cleveland Street, Centre Of Railway Bridge (BN), Chippendale	0.355	0.71	4	Flexible
170	Regent Street	Botany Road, Henderson Road (RR7005), Alexandria	Lee Street, (MR 170), Chippendale	0.443	5.476	4	Rigid
170	Lee Street	Lee Street, Regent Street (MR 170), Chippendale	Railway Square, Lee Street (MR 170), Sydney	0.3	1.43	4	Rigid
170	Regent Street	, Lee Street, Chippendale	Broadway (MR 170), Ultimo	0.172	0.688	3	Rigid
170	Harris Street	Broadway, Regent Street (MR 170), Ultimo	Thomas Street, Ultimo	0.21	0.84	3	Rigid
170	Harris Street	Thomas Street, Ultimo	Pymont Bridge Road, Pymont	1.358	6.342	4	Rigid
170	Allen Street	Harris Street, Pymont	Ramp Off From Western Distributor, Pymont	0.082	0.328	4	Rigid
171	Bunnerong Road	Botany Road, (MR 171), Matraville	Fitzgerald Avenue (MR 317), Hillsdale	2.289	13.716	3	Flexible
171	Bunnerong Road	Beauchamp Road, Hillsdale	Start Div Cway, Daceyville	3.574	18.215	3	Rigid
171	Bunnerong Road	Bunnerong Road, Start Div Cway, Daceyville	Anzac Parade, Exit From Roundabout, Kingsford	0.191	1.818	4	Rigid
171	Anzac Parade	Exit From Roundabout, Kingsford	Alison Road (MR 327), Waterloo	1.549	9.822	4	Flexible
171	Anzac Parade	Entry To Roundabout, Kingsford	Flinders Street, Moore Park Road, Moore Park	3.815	22.762	4	Rigid
171	Flinders Street/Campbell Street	Albion Street, Paddington	Bourke Street (MR 592), Surry Hills	0.348	1.044	4	Rigid
171	Flinders Street	Moore Park Road, Moore Park	Oxford Street (MR 172), Darlinghurst	0.327	3.069	4	Rigid

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
172	Oxford Street	Crown Street (MR 592), Darlinghurst	Moore Park Road, Woollahra	2.052	9.777	4	Flexible
172	Oxford Street	South Dowling Street (MR 593), Paddington	Syd Einfeld Drive, Ocean Street, Woollahra	2.329	13.175	4	Rigid
172	Syd Einfeld Drive	Ocean Street, Woollahra	Bondi Road, Old South Head Road (MR 339), Bondi Junction	1.227	7.314	4	Rigid
172	Bondi Road	Old South Head Road (MR 339), Bondi Junction	Council Street (MR 660), Bondi Junction	0.258	1.032	4	Flexible
172	Bondi Road	Council Street (MR 660), Bondi Junction	Sandridge Street, Bondi	1.658	6.632	3	Flexible
173	William Street	Bourke Street, Kings Cross	Bayswater Road, Start Kings Cross Tunnel (Bn0095), Kings Cross	0.368	2.05	4	Rigid
173	William Street	Crown Street (MR 592), Sydney	Bayswater Road, Start Kings Cross Tunnel (BN0095), Kings Cross	0.534	3.049	4	Flexible
173	Bayswater Road	Start Kings Cross Tunnel (BN0095), Kings Cross	McLachlan Avenue (RR7393), Paddington	0.506	3.588	4	Rigid
173	Bayswater Road	End Kings Cross Tunnel, Kings Cross	New South Head Road, Neild Avenue (RR7393), Kings Cross	0.481	1.965	4	Flexible
173	Craigend Street	Bayswater Road, McLachlan Avenue (RR7393), Paddington	New South Head Road, Neild Avenue (RR7393), Kings Cross	0.102	0.478	4	Rigid
173	New South Head Road	Neild Avenue (RR7393), Kings Cross	O'Sullivan Road, Rose Bay	2.346	10.138	4	Flexible
173	New South Head Road	Neild Avenue (RR7393), Kings Cross	O'Sullivan Road, Rose Bay	3.168	16.05	4	Rigid

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
173	New South Head Road	O'Sullivan Road, Rose Bay	Hopetoun Avenue (LR4990173), Vaucluse	2.446	10.827	3	Flexible
173	New South Head Road	O'Sullivan Road, Rose Bay	Old South Head Road (MR 339), Watsons Bay	3.382	12.699	3	Rigid
183	Rainbow Street	Avoca Street (UI5045), Randwick	Anzac Parade, Kingsford	1.008	2.016	3	Flexible
183	Gardeners Road	Bunnerong Road, (MR 183), Kingsford	Botany Road, (MR 183), Alexandria	2.957	15.218	4	Flexible
183	Gardeners Road	Bunnerong Road, (MR 183), Kingsford	Kent Road, Mascot	4.047	20.412	4	Rigid
183	Kent Road	Gardeners Road, Mascot	Ricketty Street, Mascot	0.181	1.086	4	Rigid
183	Ricketty Street	Kent Road, Mascot	Canal Road, Bridge Over Alexandra Canal (Ab1), Street Peters	0.451	2.706	4	Rigid
183	Canal Road	Bridge Over Alexandra Canal (Ab1), Street Peters	Princes Highway, (MR 183), Sydenham	0.723	3.503	4	Rigid
190	New Illawarra Road	Heathcote Road (MR 512), Lucas Heights	Old Illawarra Road, Menai	6.248	18.195	4	Flexible
190	Clancy Street	Henry Lawson Drive (MR 508), Padstow	Centre N/B Ramp On From Alford's Pt Road, Padstow	0.21	1.01	4	Flexible
190	Alford's Point Road	New Illawarra Road, Old Illawarra Road, Menai	Davies Road, Padstow Heights	6.827	27.377	4	Flexible
190	Davies Road	Alma Road, Padstow Heights	Fairford Road, Watson Road, Padstow	2.028	10.919	4	Flexible
190	Fairford Road	Watson Road, Padstow	Stacey Street South, Bankstown	0.838	7.773	4	Flexible
190	Fairford Road	Gow Street, Padstow	Stacey Street South, Macauley Avenue, Bankstown	1.449	5.882	4	Rigid
190	Stacey Street South	McCauley Avenue, Bankstown	Stanley Street, Bankstown	0.432	2.178	4	Rigid

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
190	Stacey Street South	McCauley Avenue, Bankstown	Stacey Street, Rickard Road (RR7123), Greenacre	1.217	6.878	4	Flexible
190	Stacey Street	Rickard Road (RR7123), Greenacre	Liverpool Road (Hume Highway)(SH2), Bankstown	0.995	3.98	4	Flexible
190	Stacey Street Extension	Stacey Street, Liverpool Road (Hume Highway)(SH2), Bankstown	Rookwood Road, (MR 190), Yagoona	0.465	1.868	5	Flexible
190	Rookwood Road	Brunker Road, East (SA 638), Yagoona	Joseph Street, Amy Street, Berala	1.603	9.624	5	Rigid
190	Rookwood Road	Liverpool Road, Chapel Road (MR 190), Yagoona	Joseph Street, Amy Street, Berala	2.449	13.618	5	Flexible
190	Joseph Street	Amy Street, Berala	Bede Street, Lidcombe	1.721	10.377	5	Flexible
190	Bede Street	Joseph Street, Lidcombe	Olympic Drive, Church Street (RA 7103), Lidcombe	0.913	5.397	5	Flexible
190	Olympic Drive	Church Street (Ra 7103), Lidcombe	Boorea Street, Lidcombe	0.957	5.79	5	Rigid
190	Boorea Street	Olympic Drive, Lidcombe	Street Hilliers Road, Rawson Street (RR 2069), Auburn	0.377	2.262	5	Flexible
190	Street Hilliers Road	Rawson Street (RR 2069), Auburn	Parramatta Road, Silverwater Road (MR 532), Silverwater	0.841	5.046	5	Flexible
193	Fountain Street	McEvoy Street, Alexandria	Mitchell Road, (MR 528), Alexandria	0.331	0.662	3	Flexible
193	Mitchell Road	Fountain Street (MR 528), Alexandria	Copeland Street/Swanson Street, (RR7005), Erskineville	0.152	0.304	3	Rigid
193	Copeland Street/Swanson Street	Mitchell Road (RR7005), Erskineville	Swanson Street, Park Street, Erskineville	0.298	0.596	3	Rigid
193	Swanson Street	Park Street, Erskineville	Erskineville Road, George Street, Newtown	0.45	0.9	3	Flexible

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
193	Swanson Street	Park Street, Erskineville	Erskineville Road, George Street, Newtown	0.45	0.9	3	Rigid
193	Erskineville Road	George Street, Newtown	Wilson Street, (MR 193), Newtown	0.561	1.122	3	Rigid
193	Erskineville Road	George Street, Newtown	King Street, (MR 193), Newtown	0.613	1.226	3	Flexible
193	Wilson Street	Erskineville Road (MR 193), Newtown	King Street, (MR 193), Newtown	0.11	0.22	3	Rigid
194	Sandringham Street	Rocky Point Road (MR 199), Sans Souci	The Grand Parade, Start Divided Road, Sans Souci	1.194	4.776	4	Flexible
194	The Grand Parade	Start Divided Road, Sans Souci	General Holmes Drive, Bestic Street, Kyeemagh	6.601	26.01	4	Flexible
194	The Grand Pd/General Holmes Drive	Bay Street, (MR 194), Brighton-Le-Sands	General Holmes Drive, Bestic Street, Kyeemagh	2.29	6.87	4	Flexible
194	General Holmes Drive	Nose End Ramp On From E/B M5E Motorway, Mascot	Street Ramp From Sthn Cross Drive & Med Nose, Botany	1.596	12.438	6	Rigid
194	General Holmes Drive	Nose End Ramp On From E/B M5E Motorway, Mascot	Street Ramp From Sthn Cross Drive & Med Nose, Botany	2.086	14.708	6	Flexible
194	General Holmes Drive	Bestic Street, Kyeemagh	Botany Road, (MR 194), Mascot	1.308	9.314	4	Rigid
194	General Holmes Drive	Bestic Street, Kyeemagh	Botany Road, (MR 194), Mascot	2.256	13.763	4	Flexible
194	Mill Pond Road	General Holmes Drive (MR 194), Botany	Botany Road (MR 170), Botany	0.168	1.512	4	Flexible
199	Taren Point Road	Kingsway (MR 227), Caringbah	Rocky Point Road, Captain Cook Bridge (Ab2), Sans Souci	3.674	17.211	4	Flexible
199	Taren Point Road	Parraweena Road, Taren Point	Rocky Point Road, Captain Cook Bridge (Ab2), Taren Point	2.45	14.679	4	Rigid

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
199	Rocky Point Road	Captain Cook Bridge (Ab2), Taren Point	Princes Highway, (MR 199), Kogarah	2.288	14.188	4	Rigid
199	Rocky Point Road	Captain Cook Bridge (Ab2), Sans Souci	Princes Highway, (MR 199), Kogarah	3.365	17.552	4	Flexible
200	King Georges Road	Woniora Road, Penshurst	Forest Road, (MR 200), Beverly Hills	0.284	0.852	5	Flexible
200	King Georges Road	Woniora Road, Penshurst	Forest Road, (MR 200), Beverly Hills	0.284	0.852	5	Rigid
200	King Georges Road	Woniora Road, Penshurst	Broadarrow Road, Beverly Hills	1.796	9.097	5	Rigid
200	King Georges Road	Princes Highway (SH 1), Blakehurst	Wiley Avenue, Punchbowl Road (MR 549), Greenacre	7.53	40.581	5	Flexible
200	Wiley Avenue	Punchbowl Road (MR 549), Greenacre	Roberts Road, Roberts Road, Greenacre	0.277	1.662	5	Rigid
200	Wiley Avenue	Punchbowl Road (MR 549), Greenacre	Roberts Road, Roberts Road, Greenacre	0.277	1.662	5	Flexible
200	Roberts Road	Roberts Road, Greenacre	Juno Parade (Sr2090), Greenacre	0.903	5.418	5	Flexible
200	Roberts Road	Roberts Road, Greenacre	Roberts Road / Centenary Drive, Norfolk Road, Homebush West	2.309	13.854	5	Rigid
200	Roberts Road / Centenary Drive	Norfolk Road, Strathfield	N/B Off Ramp To Hume Highway, N/B Roberts Road At Off Ramp Nose-Rubr, Greenacre	0.695	2.085	5	Rigid
200	Roberts Road / Centenary Drive	Norfolk Road, Homebush West	Centenary Drive Extension, Arthur Street (Sr2057), Flemington	2.517	16.083	5	Flexible
200	Centenary Drive Extension	Arthur Street (Sr2057), Flemington	Homebush Bay Drive, Bridge over Parramatta Road (Ab1)-Bn7997, Homebush	1.122	6.729	5	Flexible
227	The Kingsway	Elouera Road (SR 2075), Woolooware	Princes Highway, (MR 227), Kirrawee	7.656	45.936	4	Flexible

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
327	Alison Road	Anzac Parade, (MR 327), Waterloo	Avoca Street (MR 660), Randwick	2.324	13.446	4	Flexible
330	Cleveland Street	Anzac Parade, (MR 330), Moore Park	City Road, (MR 330), Sydney University	2.838	11.352	4	Rigid
339	Old South Head Road	Bondi Road, (MR 339), Bondi Junction	Curlewis Street, Edgecliff	1.631	6.334	4	Flexible
339	Old South Head Road	Towns Road, Vaucluse	New South Head Road, (MR 339), Watsons Bay	1.058	4.232	3	Rigid
339	Old South Head Road	Curlewis Street, Edgecliff	New South Head Road, (MR 339), Watsons Bay	3.529	13.396	3	Flexible
344	Wentworth Avenue	Bunnerong Road, (MR 344), Pagewood	Denison Street (MR 616), East Botany	0.357	1.071	4	Rigid
344	Wentworth Avenue	Bunnerong Road, (MR 344), Pagewood	Botany Road, (MR 344), Mascot	3.566	17.861	4	Flexible
393	Sir Bertram Stevens Drive	Wattamolla Road (TR4020), Wattamolla	Audley Road, End Causeway-Port Hacking Rigid, Royal National Park (South)	10.095	20.19	1	Rigid
393	Sir Bertram Stevens Drive	Mckell Avenue, Lady Wakehurst Drive (MR 393), Waterfall	Audley Road, End Causeway-Port Hacking Rigid, Royal National Park (South)	19.834	39.668	1	Flexible
393	Audley Road	End Causeway-Port Hacking Rigid, Royal National Park (South)	Farnell Avenue, Entry-Visitors Centre, Royal National Park (South)	1.643	3.286	1	Flexible
393	Farnell Avenue	Entry-Visitors Centre, Royal National Park (South)	Princes Highway, (MR 393), Loftus	1.457	3.224	1	Flexible
393	Mckell Avenue	Lady Wakehurst Drive (MR 393), Waterfall	Kooraban Street, Road To Railway Stn, Waterfall	4.704	9.408	1	Flexible

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
393	Mckell Avenue	Mckell Avenue, Lady Wakehurst Drive (MR 393), Waterfall	Kooraban Street, Road To Railway Stn, Waterfall	4.704	9.408	1	Rigid
393	Kooraban Street	Road To Railway Stn, Waterfall	Warabin Street, (MR 393A), Waterfall	0.2	0.4	1	Flexible
393	Warabin Street	Kooraban Street (MR 393A), Waterfall	Yanagang Street, Warabin Street (MR 393A), Waterfall	0.233	0.466	1	Flexible
393	Yanagang Street	Warabin Street (MR 393A), Waterfall	Princes Highway, (MR 393), Waterfall	0.121	0.242	1	Flexible
508	Henry Lawson Drive	Forest Road, Forest Road, Peakhurst	Clancy Street, (MR 508), Padstow	2.321	13.926	4	Rigid
508	Henry Lawson Drive	Forest Road, Forest Road, Peakhurst	Hume Highway (SH 2), Villawood	19.941	52.631	4	Flexible
512	Heathcote Road	Princes Highway, (MR 512), Heathcote	Milperra Road, (MR 512), Liverpool	23.945	68.017	3	Flexible
512	Newbridge Road	Milperra Road, Heathcote Road (MR 512), Liverpool	Speed Street, (MR 512), Liverpool	0.611	3.004	3	Flexible
512	Newbridge Road	Milperra Road, Heathcote Road (MR 512), Liverpool	Speed Street, (MR 512), Liverpool	0.611	3.004	3	Rigid
512	Terminus Street	Speed Street, Newbridge Road (MR 512), Liverpool	Macquarie Street, Liverpool	0.49	1.96	4	Flexible
512	Macquarie Street	Terminus Street, Liverpool	Hume Highway, Terminus Street (MR 578), Liverpool	0.267	1.602	4	Flexible
523	Pymont Bridge Road	Start Div Cwy Nose, Pymont	Jones Street (MR 165), Pymont	0.13	0.26	3	Flexible
523	Pymont Bridge Road	Ross Street (MR 666), Forest Lodge	Mallett Street, Camperdown	0.671	1.342	3	Rigid

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
523	Pyrmont Bridge Road	Harris Street, Pyrmont Bridge Road, Pyrmont	Parramatta Road, (MR 523), Annandale	2.596	7.562	3	Flexible
528	Dacey Street	Anzac Parade, Alison Road (MR 327), Waterloo	Lachlan Street, South Dowling Street (MR 593), Waterloo	0.707	2.828	3	Flexible
528	Lachlan Street	South Dowling Street (MR 593), Waterloo	Bourke Street, (MR 528), Moore Park	0.445	0.89	3	Rigid
528	Bourke Street	Lachlan Street (MR 528), Moore Park	McEvoy Street, (MR 528), Waterloo	0.086	0.344	3	Rigid
528	McEvoy Street	, Bourke Street (MR 528), Waterloo	Euston Road, Harley Street, Alexandria	1.608	4.784	3	Flexible
528	Euston Road	Harley Street, Alexandria	Roundabout, Huntley Street (RR7061), Alexandria	0.509	2.036	3	Flexible
528	Sydney Park Road	Roundabout, Huntley Street (RR7061), Alexandria	Princes Highway, Street Peters	0.854	3.416	3	Flexible
549	Milton Street	Liverpool Road, (MR 549), Croydon	Georges River Road, (SR 2040), Croydon	0.539	2.156	4	Rigid
549	Georges River Road	Milton Street (SR 2040), Croydon	Punchbowl Road, Coronation Parade (MR 668), Strathfield South	2.631	10.524	4	Rigid
549	Punchbowl Road	Cosgrove Road, Belfield	Juno Parade (SR 2090), Greenacre	0.493	2.205	4	Rigid
549	Punchbowl Road	Coronation Parade (MR 668), Strathfield South	Canterbury Road, (SR 2060), Punchbowl	5.658	23.632	4	Flexible
592	Cahill Expressway	Ramp Off To Macquarie Street, Sydney	Bradfield Highway (MR 632) (Med Nose), Millers Point	1.807	6.827	6	Rigid
593	Southern Cross Drive	General Holmes Drive, Street Southern Cross Drive & Crash Barrier, Eastlakes	Southern Cross Drive, Ramp Off To Wentworth Avenue (MR 344), Eastlakes	0.987	4.922	6	Rigid

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
593	Southern Cross Drive	Southern Cross Drive, Ramp On From MR 170, Eastlakes	Dowling Street, Link Road (Centre), Eastlakes	4.033	25.26	6	Flexible
593	South Dowling Street	Fitzroy Street (RR7301), Moore Park	Oxford Street, (MR 593), Paddington	0.532	1.314	4	Flexible
594	Abercrombie Street	Cleveland Street, (MR 594), Chippendale	Broadway, Wattle Street (MR 594), Ultimo	0.475	1.425	3	Flexible
594	Wattle Street	Broadway, (MR 594), Ultimo	Pyrmont Bridge Road, (MR 594), Pyrmont	1.288	4.147	3	Flexible
594	Fig Street	Wattle Street, (MR 594), Ultimo	West Distributor Off Ramp To Harris (EH), Harris Street, Pyrmont	0.303	1.212	3	Flexible
616	Denison Street	Wentworth Avenue, (MR 616), East Botany	Beauchamp Road, (MR 616), Banksmeadow	1.306	5.224	4	Flexible
616	Beauchamp Road	Denison Street (MR 616), Banksmeadow	Botany Road, (MR 616), Matraville	0.734	2.936	4	Flexible
616	Bumborah Point Road	Botany Road, Port Botany	Military Road, Matraville	0.875	3.5	3	Rigid
617	Foreshore Road	Botany Road, (MR 617), Banksmeadow	Ramp On From General Holmes Drive, Botany	3.236	12.826	5	Rigid
617	Foreshore Road	Botany Road, (MR 617), Banksmeadow	General Holmes Drive, Bridge Over Foreshore Road (Ab1) (BN0114), Mascot	3.33	6.928	5	Flexible
632	Bradfield Highway	Harbour Bridge Toll Plaza S/B (Med Nose), Sydney	Warringah Freeway, Lavender Street (P), North Sydney	2.106	13.792	6	Rigid
634	The River Road	W/B Off Ramp To River Road, Centre River Road, Revesby	Milperra Road, (RA 2068), Revesby	0.316	1.264	3	Flexible
636	Juno Parade	Punchbowl Road, (SR 2090), Greenacre	Boronia Road, Waterloo Road, Greenacre	1.706	4.734	3	Flexible

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
636	Boronia Road	Waterloo Road, Greenacre	Liverpool Road (Hume Highway), (MR 636), Greenacre	1.444	5.776	3	Flexible
638	Brunker Road	Liverpool Road, (SR 2094), Chullora	Rookwood Road, East (SA 638), Yagoona	0.806	3.224	4	Flexible
640	Woodville Road	Henry Lawson Drive, Hume Highway (SH 2), Villawood	Church Street, (MR 640), Granville	7.539	42.932	4	Flexible
640	Woodville Road	Liverpool Road, (MR 640), Villawood	Church Street, (MR 640), Granville	3.693	11.429	4	Rigid
650	Frederick Street	Liverpool Road, Milton Street (MR 549), Croydon	Parramatta Road, (MR 650), Five Dock	1.773	4.036	4	Flexible
650	Wattle Street	Parramatta Road, Frederick Street (MR 650), Five Dock	Dobroyd Parade, Martin Street, Haberfield	0.605	2.42	5	Flexible
650	Dobroyd Parade	Martin Street, Haberfield	City West Link Road, Abut1(Centre Med) Bridge Over Hwthrn Canal-BN9011, Dobroyd Point	1.589	6.304	5	Flexible
650	City West Link Road	Abut1(Centre Med)Bridge Over Hwthrn Canal-Bn9011, Dobroyd Point	The Crescent (MR 655), Rozelle	2.417	10.257	5	Flexible
650	The Crescent	The Crescent (MR 655), Rozelle	Victoria Road, The Crescent (MR 650), Rozelle	0.376	1.922	5	Flexible
652	Old Canterbury Road	Canterbury Road, Griffiths Street, Dulwich Hill	Cook Street (MR 652), Lewisham	2.19	9.132	4	Rigid
652	Old Canterbury Road	Longport Street (SR 2028), Lewisham	Parramatta Road, (MR 652), Leichhardt	0.224	0.752	4	Flexible
652	Barker Street/Brown Street	Old Canterbury Road, Barker Street (SR 2018A), Lewisham	Brown Street, Cook Street, Lewisham	0.227	0.227	4	Flexible

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
652	Cook Street	Old Canterbury Road, (MR 652), Lewisham	Brown Street, Lewisham	0.11	0.11	4	Flexible
652	Brown Street	Cook Street, Lewisham	Parramatta Road, Over (MR 652) (BN0038), Haberfield	0.054	0.108	4	Flexible
652	Brown Street/Hathern Street	Parramatta Road, Over (MR 652) (BN0038), Haberfield	Tebbutt Street, Hathern Street (MR 652), Leichhardt	0.263	0.526	4	Flexible
652	Tebbutt Street	Parramatta Road, (MR 652), Petersham	Foster Street, Lords Road, Leichhardt	0.446	0.974	4	Flexible
652	Foster Street	Lords Road, Leichhardt	Darley Road, Allen Street, Leichhardt	0.629	1.858	4	Flexible
652	Darley Road	Allen Street, Leichhardt	City West Link Road, James Street (MR 652), Leichhardt	1.009	2.192	4	Flexible
652	James Street	City West Link Road, (MR 652), Leichhardt	Lilyfield Road, Lilyfield	0.206	0.728	4	Flexible
652	Mary Street	Lilyfield Road, James Street, Lilyfield	Perry Street, Lilyfield	0.077	0.231	4	Flexible
652	Mary Street	Lilyfield Road, James Street, Lilyfield	Perry Street, Lilyfield	0.077	0.231	4	Rigid
652	Perry Street	Perry Street, Lilyfield	Balmain Road, Lilyfield	0.388	0.776	4	Flexible
652	Perry Street	Perry Street, Lilyfield	Balmain Road, Lilyfield	0.388	0.776	4	Rigid
652	Balmain Road	Balmain Road, Lilyfield	Darling Street, Manning Street, Rozelle	0.936	2.472	4	Flexible
652	Balmain Road	Balmain Road, Lilyfield	Darling Street, Manning Street, Rozelle	0.936	2.472	4	Rigid
652	Darling Street	Manning Street, Rozelle	Victoria Road, (MR 652), Rozelle	0.368	0.996	4	Flexible
652	Darling Street	Manning Street, Rozelle	Victoria Road, (MR 652), Rozelle	0.368	0.996	4	Rigid

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
655	Johnston Street	Parramatta Road, (MR 655), Annandale	The Crescent, (MR 655), Annandale	1.813	7.252	3	Flexible
655	The Crescent	Johnston Street (MR 655), Annandale	The Crescent (MR 655), Rozelle	0.255	1.02	3	Flexible
657	Moorebank Avenue	South Western Freeway (F5), Moorebank	Heathcote Road, (MR 657), Moorebank	1.325	5.3	3	Flexible
658	Joyce Drive	General Holmes Drive, (MR 658), Mascot	O' Riordan Street, Tenth Street, Mascot	0.619	3.74	4	Flexible
658	Robey Street	O' Riordan Street (MR 658), Mascot	Ninth Street, Sydney Airport	0.237	0.948	4	Flexible
658	O' Riordan Street	Joyce Drive, Tenth Street, Mascot	Botany Road, (MR 658), Zetland	4.774	16.528	4	Flexible
659	Bourke Road	O' Riordan Street, (MR 659), Mascot	Coward Street, (MR 659), Mascot	0.308	1.232	4	Flexible
659	Coward Street	Bourke Road (MR 659), Mascot	Kent Road, (MR 659), Mascot	0.316	1.264	4	Flexible
659	Kent Road	Coward Street (MR 659), Mascot	Ricketty Street, Mascot	0.264	1.056	4	Flexible
660	Avoca Street	Anzac Parade S/B, Kingsford	Frenchmans Road, Randwick	2.739	11.074	4	Flexible
660	Frenchmans Road	Avoca Street, Randwick	Carrington Road, Randwick	0.833	3.332	4	Flexible
660	Carrington Road	Frenchmans Road, Randwick	Council Street, Birrell Street, Bondi	1.181	4.724	4	Flexible
660	Council Street	Birrell Street, Bondi	Bondi Road (MR 660), Bondi Junction	0.419	1.676	4	Flexible
661	Anzac Parade	Beauchamp Road (RR7340), Maroubra	Anzac Parade, Exit From Roundabout, Kingsford	3.549	14.258	4	Flexible
662	Captain Cook Drive	Taren Point Road, (MR 662), Miranda	Roundabout At Gannons Road North, Caringbah	1.722	10.332	4	Flexible

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
663	Old Princes Highway	Acacia Road, (SR2034), Sutherland	The Grand Parade, End Div Cwy, Sutherland	0.548	3.258	4	Rigid
663	The Grand Parade	End Div Cwy, Sutherland	Linden Street (MR 663), Sutherland	0.601	1.202	4	Flexible
663	Linden Street	The Grand Parade, (MR 663), Sutherland	River Road, Sutherland	0.433	2.568	4	Flexible
663	River Road	Linden Street, Sutherland	Menai Road, Abut1 New Bdg Over Woronora River, Sutherland	0.65	2.61	4	Flexible
663	Menai Road	Abut1 New Bdg Over Woronora River, Sutherland	Menai Road, Abut2 Bdg Over Woronora River, Woronora	0.51	2.06	4	B
663	Menai Road	Abut2 Bdg Over Woronora River, Woronora	Bangor Bypass East - West Link, Ramp From Akuna Avenue, Bangor	0.77	3.17	4	Flexible
663	Bangor Bypass	Bangor Bypass East - West Link, Ramp To Akuna Avenue, Bangor	New Illawarra Road, Bangor Bypass East - West Link, Menai	2.905	11.51	4	Flexible
664	Railway Road	Princes Highway, (MR 664), Sydenham	Gleeson Avenue, Unwins Bridge Road (SR2099), Sydenham	0.401	1.604	4	Rigid
664	Gleeson Avenue	Unwins Bridge Road (SR2099), Sydenham	Railway Parade (SR 2007A) (Med Nose), Marrickville	0.215	0.86	4	Flexible
664	Gleeson Avenue	Unwins Bridge Road (SR2099), Sydenham	Railway Parade (SR 2007A) (Med Nose), Marrickville	0.215	0.86	4	Rigid
664	Railway Parade	Gleeson Avenue, (SR 2007A) (Med Nose), Marrickville	Buckley Road, Marrickville Road, Marrickville	0.207	0.414	4	Flexible
664	Railway Parade	Gleeson Avenue, (SR 2007A) (Med Nose), Marrickville	Sydenham Road, (MR 664), Sydenham	0.207	0.794	4	Rigid

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
664	Buckley Road	Marrickville Road, Marrickville	Sydenham Road, Buckley Street (MR 664), Marrickville	0.304	0.608	4	Flexible
664	Sydenham Road	Buckley Street (MR 664), Marrickville	Park Road (SR2007), Marrickville	1.43	5.72	4	Flexible
664	Sydenham Road	Railway Parade (MR 664), Sydenham	Livingstone Road, (MR 664), Dulwich Hill	1.693	7.076	4	Rigid
664	Livingstone Road	Sydenham Road (MR 664), Dulwich Hill	New Canterbury Road, (MR 664), Lewisham	0.597	2.388	4	Rigid
664	Gordon Street	New Canterbury Road, Livingstone Road (MR 664), Lewisham	Gordon Street/Railway Terrace, Trafalgar Street (Rr7082), Lewisham	0.216	0.864	4	Rigid
664	Gordon Street/Railway Terrace	Trafalgar Street (RR7082), Lewisham	Railway Terrace, West Street, Petersham	0.183	0.549	4	Rigid
664	Railway Terrace	West Street, Petersham	Old Canterbury Road, Longport Street (SR 2028), Lewisham	0.383	0.766	4	Rigid
665	Stoney Creek Road	Forest Road, (SR2041), Bexley	Forest Road, (SR 2041), Narwee	5.517	22.068	4	Flexible
666	Ross Street	Ross Street, Street Johns Road, Forest Lodge	Pymont Bridge Road, Ross Street (MR 666), Forest Lodge	0.136	0.544	3	Flexible
666	Ross Street	Parramatta Road, (SR 2073), Forest Lodge	Minogue Cres, Forest Lodge	0.491	1.464	3	Rigid
666	Minogue Cres	, Ross Street, Forest Lodge	The Crescent, Forest Lodge	0.426	1.302	3	Rigid
666	The Crescent	Minogue Cres, Forest Lodge	Johnston Street (MR 655), Annandale	0.848	2.376	3	Flexible
666	The Crescent	Minogue Cres, Forest Lodge	Johnston Street (MR 655), Annandale	0.848	2.376	3	Rigid
667	President Avenue	The Grand Parade, (MR 667), Brighton-Le-Sands	Princes Highway, (MR 667), Kogarah	1.58	7.06	4	Flexible

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
668	Coronation Parade	Punchbowl Road, (MR 668), Strathfield South	Liverpool Road, The Boulevard (MR 668), Strathfield South	1.352	5.408	4	Flexible
668	Coronation Parade	Punchbowl Road, (MR 668), Strathfield South	Liverpool Road, The Boulevard (MR 668), Strathfield South	1.352	5.408	4	Rigid
668	The Boulevard	Liverpool Road, (MR 668), Strathfield South	Redmyre Road (MR 668), Strathfield	1.549	6.574	4	Rigid
668	Redmyre Road	The Boulevard, (MR 668), Strathfield	Raw Square, Strathfield	0.204	1.224	4	Rigid
668	Raw Square	Redmyre Road, Strathfield	Everton Road (MR 668), Strathfield	0.362	1.948	4	Flexible
668	Everton Road/Leicester Avenue	Raw Square (Roundabout) (MR 668), Strathfield	Parramatta Road, Concord Road (MR 668), Strathfield South	0.465	1.86	4	Flexible
669	Port Hacking Road	The Kingsway, Port Hacking Road North (MR 669), Caringbah	Princes Highway, (MR 669), Sylvania	3.449	20.26	4	Flexible
682	Palmer Street	William Street, Palmer Street, East Sydney	Sir John Young Creek, Palmer Street, Sydney	0.486	1.4	3	Flexible
682	Sir John Young Creek	Palmer Street, Sydney	N/B Ramp On From Cowper Wharf Road, Cowper Wharf Road (Centre), Sydney	0.153	0.459	3	Flexible
4020	Wattamolla Road	Sir Bertram Stevens Drive, (TR4020), Wattamolla	Start Wattamolla Road Loop, Wattamolla	3.5	7	1	Flexible
4025	Garie Road	Sir Bertram Stevens Drive, (TR4025), Royal National Park (South)	Entry-Garie Beach Car Park, Royal National Park (South)	2.68	5.36	1	Flexible
6004	M4 Western Motorway	Ramp Off To Silverwater Road, Lidcombe	Western Freeway, Ramp Off To James Ruse Drive, Granville	3.283	20.543	6	Rigid

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
6007	Eastern Distributor	S/B Ramp Off To Cowper Wharf Road, S/B East Distributor (Ramp Nose), Sydney	Cahill Expressway, Ramp On From Macquarie Street, Sydney	0.18	0.54	6	Flexible

3.2 Schedule of Corridor Related Assets

The following schedules provide information about specific assets to be maintained and the specific requirements form part of the Services.

3.2.1 Ground Vegetation Control Areas

Road No	Location Description	Approx Area (m ²)
SYDNEY SOUTH ZONE		
1	Princes Highway, Port Hacking Road to Sylvania Street, all the Guardrails to Sylvania, Sutherland	2,122
1	Princes Highway, Birwood Road to Box Road, Sylvania, Sutherland	654
1	Princes Highway, Birwood Road to Box Road Sylvania, Sutherland	119
1	Princes Highway, Box Road top Bates Drive, Sylvania, Sutherland	2,600
1	Princes Highway and Boulevard Intersection, Sylvania, Sutherland	376
1	Princes Highway. The Kingsway to Oak Road, Kirrawee, Sutherland	2,292
1	Sutherland Bypass East-side President Avenue to Loftus Oval, (Verges at front and rear of sound wall) Sutherland	4,458
1	Sutherland Bypass Median, President Avenue to Loftus Oval, Sutherland	6,800
1	Sutherland Bypass West-side President Avenue to Loftus Oval, Verges at front and rear of sound wall Sutherland	9,049
1	Loftus Cutting East-side Loftus Oval to Old Bush Road, Loftus, Sutherland	945
1	Loftus Cutting Median Loftus Cut to Old Bush Road, Loftus, Sutherland	9,844
1	Loftus Cut West-side Loftus Cut to Old Bush Road, Loftus, Sutherland	1,560
1	Traffic islands at turn off Bundeena at Intersection Farnell Avenue, Loftus, Sutherland	776
1	Traffic Islands at Inter Princes Highway & Rawson Avenue, Loftus, Sutherland	1,496
1	Traffic Islands at Inter of Princes Highway & Bates Drive, Kirrawee, Sutherland	696
663	Old Bush Road to Old Princes Highway, Engadine, Sutherland	2,576
1	Princes Highway. Porter Road to Cardiff Street, Engadine, Sutherland	351
1	Princes Highway and Old Princes Highway. Intersection South-end, Engadine, Sutherland	194
1	End of Copeland Road and Odeon Place, Heathcote, Sutherland (Firebreak)	2,561
1	Princes Highway. Oliver Street to Burns Road, Heathcote, Sutherland	7,191

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No	Location Description	Approx Area (m ²)
1	Princes Highway. Heathcote between Jennings Road to Waterfall south bound & northbound Guard Rails & Guide Posts & Verges	10,000
1	Princes Highway. Mirang Road (Firetrail) to Daragan Close between Carriageways, Heathcote, Sutherland	31,650
1	Princes Highway. Daragan Close to Waterfall Bridge, Waterfall, Sutherland	4,140
1	Princes Highway. North & South of Waterfall Bridge on East-side Waterfall, Sutherland	770
1	Princes Highway. Bundarra Street to end formed median, Waterfall, Sutherland	1,780
1	Princes Highway. at End of formed median between Carriageways, Waterfall, Sutherland	18,900
1	Princes Highway. Heathcote Road intersection North West Corner, Heathcote, Sutherland	1,715
1	Alfords Point Road inspection station grass area only. Illawong	544
1	Alfords Point rd / Illawong Maxwell cl map 311 P1	1,064
1	Alfords Point Road rear of houses eastern side .Illawong	850
1	Alfords Point Road before and after Old Illawarra Road Bridge verges Menai, Sutherland	2,160
190	From Alfords Point Bridge, Alfords Point Road to Menai Road, all Guardrails, Sutherland	4,105
663	Rear of Kerslake Grove Access from Carter Road, Menai Sutherland UBD MAP PAGE NO: 311 H15	1,120
663	Rear of Silverleaf Row Access from Carter Road Menai, Sutherland UBD MAP PAGE NO: 311 J 15	1,152
190	Rear of Kilborn Place Menai Access Road from Berry Road Menai, Including embankment UBD MAP PAGE NO: 311 G12, Sutherland	6,332
190	New Illawarra Road between Old Illawarra Road & Heathcote Road Lucas Heights, Sutherland	6,500
190	Alfords Point Road Northbound from end of Landscaped Batter, Menai, Sutherland	2,266
190	Alfords Point Road Northbound to first Sedimentation Pond Menai, Sutherland	3,420
190	Alfords Point Road Northbound to second Sedimentation Pond Menai, Sutherland	2,666
190	Alfords Point Road Northbound from second Sedimentation Pond to end of area. Menai, Sutherland	3,576
190	Alfords Point Road embankment rear of Bus Depot along chain wire fence North Bound to Guardrails, Sutherland	1,700
190	Alfords Point Road, from Eucalyptus Street North Bound to Alfords Point Bridge, Sutherland	7,414
190	Alfords Point Road behind Arnold Place, Menai, Sutherland (Firebreak)	1,560
190	Alfords Point Road behind Housing Commission Flats, Menai, Sutherland (Firebreak)	5,523
190	Old Illawarra Road side of Housing Commission Flats, Menai, Sutherland (Firebreak)	780
190	Eastern Side of Alfords Point Road, Menai, Sutherland (Firebreak)	3,840
190	Area bounded by Hunter Street, Jonston Street & Forest Road, Kirrawee, Sutherland	39,320
190	Alfords Point Road between Alma Road and Alfords Point Bridge, Padstow Heights, Sutherland	3,400
190	Alfords Point Road between Alma Road and Alfords Point Bridge, Padstow Heights, Sutherland	21,720
7075	No:171 Forest Road, Gymea, Sutherland	1,395
7075	No:1 High Street, Gymea, Sutherland	943
7075	No:7 High Street, Gymea, Sutherland	938
7075	No:9 High Street, Gymea, Sutherland	938
7075	No:12 High Street, Gymea, Sutherland	965
7075	No:14 High Street, Gymea, Sutherland	765

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No	Location Description	Approx Area (m ²)
7075	No:122 Gymea Bay Road, Gymea, Sutherland	805
7075	No:141 Gymea Bay Road, Gymea, Sutherland	412
7075	No:143 Gymea Bay Road, Gymea, Sutherland	412
7075	No:147 Gymea Bay Road, Gymea, Sutherland	412
7075	No:50 Chapman Street, Gymea, Sutherland	638
7075	No:65 Chapman Street, Gymea, Sutherland	780
7075	No 321 President Avenue cnr Premier street including footpath Gymea	1,176
7075	No:320-324 President Avenue, Gymea, Sutherland	3,240
7075	No:43 Premier Street, Gymea, Sutherland	725
7075	No:325 President Avenue, Gymea, Sutherland	725
7075	No:50 Premier Street, Gymea, Sutherland	783
7075	Corner of View Street & Manchester Road, Gymea, Sutherland	1,256
7075	Corner of Manchester Road & Houston Street, Gymea, Sutherland	3,486
7075	Rear of Houston Street, near Scout Hall, Gymea, Sutherland	8,878
7075	Side & Rear of No:22 & No:23 Thacker Close, Gymea, Sutherland	4,698
7075	No:12 Paddison Avenue, Gymea, Sutherland	790
7075	No:14 Paddison Avenue, Gymea, Sutherland	790
7075	No:161 Sylvania Road, Gymea, Sutherland	792
7075	No:151 Sylvania Road, Gymea, Sutherland	1,385
7075	No:25 Pinnacle Street, Gymea, Sutherland	1,614
7075	No:29 Pinnacle Street, Gymea, Sutherland	519
7075	No:30 Pinnacle Street, Gymea, Sutherland	519
7075	Next to No:10 Hunter Street, Gymea, Sutherland	1,000
7075	Adj. to No:155 Sylvania Road, Miranda, Sutherland	2,120
7075	Adj. to No:8 Hunter Street, Kirrawee, Sutherland	5,390
7075	Rulwalla Place, Gymea, Sutherland	4,000
7075	North West Arms Road, (TENNIS COURTS) Includes Embankments, Gymea, Sutherland	10,726
663	Rear of Sound wall Akuna Avenue, Bangor, Sutherland	9,813
663	Rear of Adaluma Avenue. Bangor, Sutherland	996
663	Rear of Paringa Place Bangor Access from Akuna AV near overhead foot bridge, Bangor, Sutherland	2,800
227	No:686A Kingsway, Miranda, Sutherland	656
227	Next to No: 688 Kingsway, Miranda, Sutherland	543
227	Next to No: 690 Kingsway, Miranda, Sutherland	543
227	Corner of Bellingara Road and The Boulevard, Miranda, Sutherland	22,400
227	The Kingsway from Taren Point Road to Princes Highway, Kirrawee	4,555
190	Brushwood Drive, between Tallowood Place and Eucalyptus Street, Alfords Point, Sutherland	3,650
190	End of Nallada Road next to House No: 14, Alfords Point, Sutherland (Firebreak), UBD PAGE 291 N 14	219
190	End of Nallada Road next to boom gate, Alfords Point, Sutherland (Firebreak), UBD PAGE 291 N 14	264

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No	Location Description	Approx Area (m ²)
669	Port Hacking Road from Parraweena Road Miranda to Intersection of Princes Highway Sylvaia, Sutherland	3,726
663	Linden Street, at corner of Galga Street, Sutherland	670
663	No: 11 Galga Street, Sutherland	257
663	Sunbury Street & Oakwood Street. Open area behind sound wall and left side of Driveway. Alongside Private Road between two Chain Wire Fences Padlock gate, Sutherland	3,414
227	Lot 84/55 Gwawley Parade, Miranda, Sutherland	924
227	Lot 84/55 Gwawley Parade Rear properties, Miranda, Sutherland	7,493
227	Shackel Road, Bangor, Sutherland	1,000
227	No: 19 rear embankment of Shackel Road Bangor, Sutherland	1,962
227	Piriwal Close, Bangor, Sutherland	300
512	Heathcote Road. From New Illawarra Road to Sandy Pt, both sides of the Road, Menai, Sutherland	59,040
512	Heathcote Road. From Sandy Point, both sides of the Road 2m wide cut to Harris Creek at Holsworthy, Liverpool	22,400
512	Heathcote Road between Nuwarra Road and Keato Avenue. Hammondville, Liverpool	1,800
393	McKell Avenue, from the Fire Station to Water Fall Weir both sides of the Road, Water Fall, Sutherland	25,280
393	Lady Wakehurst Drive, from Sutherland Shire boundary sign to Water Fall, both sides of the Road, Water Fall, Sutherland	8,880
393	Sir Bertram Stevens Drive, Water Fall Weir to Garie turn off western side of the Road, Water Fall, Sutherland	6,645
200	King Georges Road, from Punchbowl Road to The Boulevard and to Canterbury Road, Punchbowl, Canterbury	2,768
200	No: 167 King Georges Road Wiley Park, Hurstville	775
200	No:174 King Georges Road, Roseland, Canterbury	262
200	King Georges Road, between Canterbury Road and Moorefields Road, Roseland, Canterbury	1,880
200	King Georges Road (behind Guardrails), between M5 and Ponyara Road, Beverly Hills, Canterbury	61
200	King Georges Road, opposite Aquatic Centre, South Hurstville, Hurstville	226
200	No:748 King Georges Road, South Hurstville, Hurstville	768
200	No:760 King Georges Road, South Hurstville, Hurstville	960
200	No:764 King Georges Road, South Hurstville, Hurstville	650
200	No:766 King Georges Road, Blakehurst, Hurstville	960
200	No:768 King Georges Road, South Hurstville, Hurstville	686
200	No:772 to 774 King Georges Road, South Hurstville, Hurstville	1,561
200	No. 770 King Georges Road , South Hurstville	900
200	No:40 Greenbank Avenue, Hurstville	850
200	No:737 King Georges Road, South Hurstville, Hurstville	935
200	No:739 King George Road, South Hurstville, Hurstville	954
200	No:751 King Georges Road, South Hurstville, Hurstville	945
200	No:754 King Georges Road, South Hurstville, Hurstville	689
200	No:792 King Georges Road, South Hurstville, Hurstville	103

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No	Location Description	Approx Area (m ²)
200	No:741 King Georges Road, South Hurstville, Hurstville	620
200	No:745 King Georges Road, South Hurstville, Hurstville	438
200	No:749 King Georges Road, South Hurstville, Hurstville	414
200	No:788 King Georges Road, South Hurstville, Hurstville	400
200	No: 790 King Georges Road, South Hurstville, Hurstville	608
200	No:572 King Georges Road, Penshurst, Hurstville	960
200	No:599 King Georges Road, Penshurst, Hurstville	816
200	No:737 King Georges Road, Penshurst, Hurstville	2,550
200	No:746 King Georges Road, South Hurstville, Hurstville	946
200	No:752 King Georges Road, South Hurstville, Hurstville	662
200	No:794 King Georges Road, Maher Street, South Hurstville, Hurstville	525
200	King Georges Road, corner Warwick Street, Beverly Hills, Hurstville	388
200	Connells Point Road to Terry Street, Blakehurst, Kogarah	2,507
200	Terry Street to Princes Highway, Blakehurst, Kogarah	332
665	Traffic Islands at Intersection of Stoney Creek Road & Forest Road, Beverly Hills, Hurstville	770
665	Traffic Islands at Intersection of Forest Road & Pearce Avenue to Jacques Avenue, Peakhurst, Hurstville	856
169	No:3 Johnston Street, rear of property, Bexley, Canterbury	1,000
169	No:11 Johnston Street, Bexley North, Canterbury	283
169	No:13 Johnston Street, Bexley North, Canterbury	283
169	Bexley Road, corner Flat Rock Road North Bexley, Earlwood, Canterbury	4,351
2021	Rear of No:8 Unwind Street Embankment to Canal, Undercliffe, Canterbury	170
2021	East side of No:8 Unwin Street, Undercliffe, Canterbury	1,200
2021	No:1 Unwin Street, Undercliffe, Canterbury	647
2021	No:13 Unwin Lane, Undercliffe, Canterbury	306
2021	16-18 Unwind Street, Undercliffe, Canterbury	1,220
2021	Corner of Tempe Street and Unwin Street, Undercliffe, Canterbury	2,836
2021	No:16 Bayview Avenue, Undercliffe, Canterbury	350
2021	No:18 to No:22 Bayview Avenue, Undercliffe, Canterbury	700
169	No:83 Bexley Road, Campsie, Canterbury	602
169	No:85 Bexley Road, Campsie, Canterbury	407
169	No:23 Biara Avenue, Campsie, Canterbury	870
169	No:24 Biara Avenue, Campsie, Canterbury	667
169	No:89 Viking Street, Campsie, Canterbury	740
169	No:91 Viking Street, Campsie, Canterbury	740
169	Corner of Evaline Street & Loch Street, Campsie, Canterbury	1,446
549	Corner of Georges River Road. & Kembla Street, Croydon Park, Canterbury	820
549	140 Georges River Road, Croydon Park, Canterbury	442
549	Coronation Parade & Punchbowl Road, Enfield South, Canterbury	630
668	North East Corner of Coronation Parade, Enfield South, Canterbury	707
200	Roberts Road and Napoleon Street, Greenacre, Canterbury	764

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No	Location Description	Approx Area (m ²)
200	Roberts Road, at Wiley Avenue, Greenacre, Canterbury	391
200	All along Centenary Drive, from Hume Highway to Arthur Street, Strathfield, Canterbury	2,330
549	Punchbowl Road, between McCourt Street and Hillard Street, Lakemba, Canterbury	208
549	No:19/20 Punchbowl Road Belfield, Canterbury	900
549	Georges River Road & Rawson Street at Bus-stop (Includes footpath), Enfield, Canterbury	230
549	Corner Burwood Road and Georges River Road includes footpath Croydon Park, Canterbury	455
549	No:255 Georges River Road Croydon Park, Strathfield	480
650	No.111 Dobroyd Parade in Park behind Electrical Poles, Haberfield	2,600
650	No.48 Martin Street, Haberfield	270
650	No.25 Martin Street, Haberfield	270
650	Fenced RTA Compound Wattle Street, Haberfield	500
650	Corner of Wattle Street & Allum Street and Footpath, Haberfield	314
650	No: 92 - 96 Milton Street (Includes footpath), Ashfield	395
650	No.49 Frederick Street & Thomas Street, Ashfield	1,980
650	Corner Frederick Street & Thomas Street, Ashfield	2,500
650	No.96 Frederick Street, Ashfield	700
650	No:98 Frederick Street, Ashfield	700
650	No.1 Blackwood Avenue, Ashfield	324
650	Frederick Street & Beatrice Street, Ashfield	280
650	Corner Milton ST & Park Avenue Ashfield, Ashfield	884
650	Corner of Liverpool Road & Milton Street, Ashfield	561
650	Corner of Milton Street & Park Road, (LANEWAY) Ashfield	200
650	Next to 82 Holden Street, Ashfield	323
650	Robert Street Corner 82 Holden Street Laneway Double Gate, Ashfield	90
167	Newbridge Road between Bridges Road Liverpool and Henry Lawson Drive Milperra, Liverpool	6,750
167	Canterbury Road Cnr. River Road Revesby, Canterbury	250
2	Hume Highway between Fenwick Street Yagoona and Roberts Road, Chullora, Strathfield	11,300
2	Henry Lawson Drive between Hynes Street & Hume Highway, Grass around Guard rails and Copper Log fence. Lansdowne	525
2	Hume Highway, Westbound, at corner of Henry Lawson Drive, Lansdowne	700
2	Hume Highway, both traffic islands at Woodville Road intersection, Lansdowne	1,800
2	Woodville RD North side of railway Bridge UBD Map 230 J16 traffic island	3,226
2	Woodville Road between Tangerine Street & Llewellyn Avenue Guardrails southbound & northbound. Villawood, Bankstown	250
2	Hume Highway, W/B, the park land within the boundary of Henry Lawson Drive, Tillett Parade and Lansdowne Road, Lansdowne	40,338
2	Hume Highway, W/B, the park land between Johnston Road to Flower Power, Bass Hill	15,739
2	Hume Highway, E/B, the park land between Mundamatta Street, Miller Road to the walkway to Camira Street, Villawood	15,801
2	Hume Highway, E/B, the park land between Camira Street to Coolalie Street, Villawood	16,639
2	Hume Highway, E/B, the park land between Coolalie Street to Derribong Street, Villawood	8,242

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No	Location Description	Approx Area (m ²)
2	Hume Highway, E/B, the rest of the park land between Derribong Street to Woodville Road, Villawood	10,934
2	Hume Highway from kerb to kopper log, E/B, the park land between Hector Street to the property boundary, Bass Hill	6,118
2	Hume Highway, W/B, the park land between Colechin Street to the property boundary, Yagoona	17,800
2	Hume Highway, Eastbound only, at verge to property fence, b/w Bruncker Road and SRA Work Shop Gate No. 3 (near Waterloo Road), Chullora	17,800
2	Hume Highway, N/B, at the intersection with Bruncker Road, the park land near the timber yard, Chullora	11,465
190	Fairford Road, at the intersection with Henry Lawson Drive, along ramp from Henry Lawson Drive, Padstow Heights	2,400
190	Fairford Road, Southbound, between slip ramps at Clancy Street, Padstow	4,000
190	Davies Road, at intersection with Alma Road, Southbound, area behind sound wall, Padstow	4,000
190	Fairford Road, slip ramps to Canterbury Road, Bankstown	2,000
190	Stacey Street, in median, between Fairford Road and McCauley Avenue, Bankstown	450
190	Stacey Street and Fairford Road, at verge from kerb to property fence, both sides, between McCauley Avenue and Canterbury Road, Bankstown	7,000
190	Stacey Street, in median, between Stanley Street and McCauley Avenue, Bankstown	2,270
h190	Stacey Street, N/B, the park land (including footpath) between Rickard Road to Myrtle Road, Bankstown	2,400
190	Stacey Street, N/B, the park land (including footpath) between Myrtle Road to Milton Street, Bankstown	3,128
190	Stacey Street, N/B, the park land (including footpath) between Milton Street to Greenacre Road, Bankstown	2,415
190	Stacey Street, N/B, the park land (including footpath) between Greenacre Road to Frederick Street, Corner 308 Greenacre Road outside cut grass inside fence Bankstown	3,890
190	Stacey Street, N/B, along footpath between sound wall and private property from Frederick Street to Hume Highway, Bankstown	1,447
190	Stacey Street, N/B, the park land at Beresford Avenue turning point to property boundary, Bankstown	1,198
190	Intersection Rockwood Road and Stacey Street southbound grass verge at Traffic Lights, Rosedale Avenue to Hume Highway Intersection south bound verges, Greenacre	1,390
190	Stacey Street, S/B, the park land in the median between Hume Highway to Frederick Street, Bankstown	2,210
190	Rookwood Road between Boardman Street and Mui Road Chullora, Bankstown	1,269
190	Joseph Road between Muir Road and Lewis Street Chullora, Bankstown	1,290
190	Joseph Road between Lewis Street & Amy Street Chullora, Bankstown	420
M4	M4 Motorway between James Ruse Drive and Silverwater Road including on and off ramps, Silverwater	2,518
M4	M4 Motorway between James Ruse Drive and Silverwater Road including on and off ramps, Silverwater	5,800
M4	M4 Motorway between James Ruse Drive and Silverwater Road including on and off ramps, Silverwater, Remove weeds from Landscape area	8,384

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No	Location Description	Approx Area (m ²)
165	Iron Cove Bridge, Victoria Road, Drummoyne Western Side of Bridge and Eastern side of Batter. Drummoyne	950
592	Shakespeares Place, Sydney all verges and Medians Sydney	500
592	Domain Tunnel Entrance opposite Royal Botanic Gardens Sydney	1,720
592	South Toll Plaza Complex Sydney	2,540
592	Opposite Lang Park at Grosvenor and York Street Sydney	400
528	No: 23 - 33 Lachlan Street Waterloo	528
528	End of Lachlan Street opposite Toyota Dealer Waterloo	3,416
650	Corner The Crescent and City West Link Lilyfield	1,125
650	City West Link Road between Catherine Street & Balmain Road along the footpath between landscaped area Lilyfield	277
650	City West Link Road between Balmain Road and James Street all grassed areas. Lilyfield	1,514
650	End of Henry Street Lilyfield access from Lilyfield Road, Lilyfield	820
652	Lot 327 next to number 18 Heathern Street, Leichhardt	1,040
652	NO: 18 Cook Street Lewisham, Marrickville	260
652	NO: 38 Old Canterbury Road Lewisham, Marrickville	286
652	NO: 40 Old Canterbury Road Lewisham, Marrickville	364
652	NO: 822 Parramatta Road Summerhill, Marickville	241
171	Hutchinson Place Chain Wire Double Gate Courtyard Control area with whipper snip, herbicide, litter pickup. Surry Hills	980
167	No:18 Campbell Street ST. Peters Marrickville	175
167	102 Church ST. & Campbell ST. St. Peters, Marrickville	339
167	No:110 - 118 Campbell Street ST. Peters Marrickville	1,714
SH1	CNR. Smith Street and South Street Tempe, Marrickville	1,300
SH1	No: 31 & 17 Albert Street between two houses ST. Peters, Marrickville	940
SH1	Princes Highway Corner Bellevue Street, Tempe, Marrickville	570
SH1	No: 6 Station Street. East Tempe Marrickville	330
194	Lenthall Street, Zetland along side of Crib Wall, Kensington Botany	522
593	General Holmes Drive. Joyce Drive. To Millpond Road. Mascot Botany	1,583
171	Botany Road. Bumbora Point Road. to Bunnerong Road Matrville Botany	3,607
171	Bunnerong Road. Botany Road. To Perry Street Matrville. Randwick	1,341
171	Bunnerong Road. Beauchamp Street. to Jersey Street Hillsdale Matrville Randwick	444
183	Bunnerong Road. Cobham Street. To Kingsford Street. Pagewood. Randwick	792
172	Gardeners Road. Court Avenue. To Maloney Street. Eastlakes Kingsford Randwick	2,311
172	No: 2 James Street. Bondi Junction Woollahra	374
172	CNR. Bondi Road. and Oxford Street Bondi Junction Waverley Woollahra	433
193	Syd. Einfeld Drive. Bondi Junction Woollahra	2,397
617	General Holmes Drive verges south & north bound Southern Cross Drive off ramp to Foreshore Road side verges & embankment Foreshore on ramp to General Holmes Drive verges embankment. Botany	6,207
617	Foreshore Road. From General Holmes Drive. To Botany Road. S/ Side. Mascot Botany	11,840

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No	Location Description	Approx Area (m ²)
617	Foreshore Road. From General Holmes Drive to Botany Road Medians and Traffic Islands, Mascot Botany	23,400
170	Foreshore Road. From General Holmes Drive. To Botany Road. North Side. Kyeemagh Botany	10,240
170	Botany Road. From Foreshore Road. To Beauchamp Road. Banksmeadow, Botany	1,720
171	Botany Road. From Beauchamp Road to Bumborah Point Road. Botany	1,336
172	Guard Rails, General Holmes Drive Botany	1,390
659	Cycleway between Airport Drive and Coward Street Mascot cut grass behind fence litter pick up weed control. UBD MAP PAGE NO: 275 G3 to H2	733
172	Intersection Oxford Street and Queen Street. Woollahra	118
172	End of Osmund Lane Bondi Junction Woollahra	200
172	Syd Einfield Drive. York Road. and Oxford Street Intersection, Bondi Junction, Woollahra	500
172	Fern Street behind SYD Einfeld Drive Bondi Junction UBD PAGE 25 M5	930
172	Syd. Einfeld Drive. East & West of Pedestrian Bridge alongside fence line. Bondi Junction, Woollahra	30
172	All Traffic Islands Grass & Landscaped areas between Moore Park Road, Oxford Street, Queen Street and James Street, Woollahra	472
194	Anzac Parade. From Moore Park Road. To Randwick Dacey Road. Moore Park, Randwick (Cut twice a month)	8,180
190	No: 3 Curtis Avenue, Taren Point. Sutherland	2,219
190	Old Taren Point Road, RTA Computer Cabin inside the compound, Taren Point. Sutherland	230
190	Opp No.79 to No.56 Old Taren Point Road, Taren Point. Sutherland	1,934
190	Opp No.27 to 57 Old Taren Point Road, Taren Point. Sutherland	490
190	Opp No.17 Old Taren Point Road, Taren Point. Sutherland	350
190	Western Side of Captain Cook Bridge from Holt Street to Bridge, Sylvania Waters. Sutherland	30,929
190	Eastern Side Captain Cook Bridge from Toorak Avenue to Bridge, Taren Point. Sutherland	6,000
190	South West Side Captain Cook Bridge. Footpath at Holt Street, Underside of Bridge. Footpath & Batters, Taren Point. Sutherland	1,785
190	South West Side of Captain Cook Bridge. Underside Bridge to Woodlands Road Flexible/path & Batters, G/rails, Taren Point. Sutherland	1,563
190	South West Side Captain Cook Bridge. Top of Retaining Wall Rear of Houses from Computer Cabin, Taren Point. Sutherland	2,951
190	Taren Point Road N/B from start at retaining Wall to Woodland Bridge Embankment rear of Old Taren Point Road, Weed spray top part of concrete retaining wall, Taren Point. Sutherland	1,268
190	South East Side Capt. Cook Bridge Top of Wall & Rear of Houses South of Batter, End of Retaining Wall, Taren Point. Sutherland	1,654
190	Taren Point between Captain Cook Bridge and Holt Road Taren Point	10,000
190	Taren Point Road between Holt Road and Kingsway Taren Point	1,940
662	Captain Cook Drive Taren Point to Gannons Road Caringbah Taren Point	1,777
227	The Kingsway from Elouere Road Cronulla to Taren Point Road Taren Point	3,535
168	Rear of 5 Wickham Street access from McKearns Place, UBD 2006 MAP PAGE NO: 274 N 9 Arncliffe Rockdale	293
168	No: 7 Wickham Street, Arncliffe. Rockdale (INCLUDES Flexible/Path)	492
168	No: 9 Wickham Street, Arncliffe. Rockdale (INCLUDES Flexible/Path)	492
168	No: 11 Wickham Street, Arncliffe. Rockdale (INCLUDES Flexible/Path)	492

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No	Location Description	Approx Area (m ²)
168	No: 31 & 33 Wickham Street, Arncliffe, D138 Rockdale (INCLUDES Flexible/PATH)	395
168	Corner of Wickham Street & West Botany Street, Arncliffe. Rockdale (INCLUDES Flexible/Path)	656
168	West Botany Street. Corner next to number 1 Eve Street, Southern side & Northern side from Double Gates to water catchment area to rear of houses (Includes all Footpath Area), Arncliffe. Rockdale	3,152
168	No: 13 Eve Street include footpath, Arncliffe. Rockdale	818
168	West Botany Street, No: 59 - 49 between No: 61 and 47, Arncliffe. Rockdale	2,200
168	West Botany Street, next to 26 and M5 Building, Arncliffe. Rockdale (INCLUDES Flexible/Path)	998
168	Marsh Street, intersection with Flora Street, Arncliffe. Rockdale	140
168	Valda Avenue, End of old Marsh Street, Arncliffe. Rockdale	2,012
168	M5 Rear of Marsh Street Cycleway, Arncliffe. Rockdale	2,548
168	No 16 Duff street Arncliffe ubd map 274 J 7	1,124
168	Marsh Street, opposite M5 along side foot path batter to golf course fence line west bound east south side, Arncliffe. Rockdale	1,635
1	Arncliffe Street & Burrows Street Arncliffe, Rockdale	11,384
344	Wentworth Avenue From Southern Cross Drive off-ramp east bound to overhead footbridge. Eastgardens, Botany	386
194	CNR of Tancred Avenue & General Holmes Drive, Kyeemagh. Rockdale	528
194	CNR of Tancred Avenue & Jacobson Avenue, Kyeemagh. Rockdale	1,357
194	No: 101 Bruce Street, Brighton-Le-Sands. Rockdale	469
194	No: 1B Kings Road, Brighton-Le-Sands. Rockdale	3,001
194	Bestic Street between Muddy Creek Canal and William Street, Kyeemagh. Rockdale	21,049
200	Rear of No: 272 Bay Street, Brighton-Le-Sands. Rockdale	13,250
169	No: 272 Bay Street, Brighton-Le-Sands. Rockdale	1,560
169	No: 33 Margate Street, Ramsgate. Rockdale	880
199	No: 38 Margate Street, Ramsgate. Rockdale	1,302
199	No: 44 Margate Street, Ramsgate. Rockdale	640
199	No: 44 Margate Street, Ramsgate. Rockdale, Do NOT weed spray Batter / slope at rear.	1,040
199	No: 63 Margate Street, Ramsgate. Rockdale	428
199	CNR of Park Road & Margate Street, Ramsgate. Rockdale	5,969
199	No: 56 MacDonald Street, Ramsgate. Rockdale	883
199	No: 16 MacDonald Street, Ramsgate. Rockdale	518
199	Park Road to Alice Street, Ramsgate. Rockdale	11,800
199	Eastern End of Selmon Street, Ramsgate. Rockdale	932
199	Alice Street to Ritchie Street, Ramsgate. Rockdale	6,460
199	Russell Avenue to Dickin Avenue, Sans Souci. Rockdale	15,656
199	Ida Street between rear of houses and creek, Sans Souci, Rockdale	1,180
199	No: 48 Tuffy Avenue, Sans Souci. Rockdale	1,044
199	No: 68 Fontainebleau Street, Sans Souci. Rockdale	670
199	No: 46 Merial Street, Sans Souci. Rockdale	784
199	No: 48 Merial Street, Sans Souci. Rockdale	784
199	No: 50 Merial Street, Sans Souci. Rockdale	784

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No	Location Description	Approx Area (m ²)
199	No: 52 Merial Street, Sans Souci. Rockdale	784
199	No: 54 Merial Street, Sans Souci. Rockdale	784
199	No: 35 Merial Street, Sans Souci. Rockdale	1,320
199	Rear of 33 Meriel Street, Sans Souci, Rockdale	798
199	No: 39 Merial Street, Sans Souci. Rockdale	1,184
199	No: 45 Merial Street, Sans Souci. Rockdale	1,184
199	No: 49 Merial Street, Sans Souci. Rockdale	1,184
199	No: 53 Merial Street, Sans Souci. Rockdale	973
199	No: 58 / 60 Merial Street, Sans Souci. Rockdale	2,018
199	No: 34 Fraters Avenue, Sans Souci. Rockdale	781
199	No: 36 Fraters Avenue, Sans Souci. Rockdale	625
199	No: 40 Fraters Avenue, Sans Souci. Rockdale	922
199	No: 42 Fraters Avenue, Sans Souci. Rockdale	922
199	No: 48 Fraters Avenue. Sans Souci Rockdale	922
199	North East End of Captain Cook Bridge from Fraters Avenue to The Bridge, Taren Point. Rockdale	23,310
199	North East End of Captain Cook Bridge from P/Flexible to under the Bridge Eastern side & Western side footpath along side water edge behind white fence, Sans Souci. Kogarah	1,899
199	Rocky Point Road, between Fontainebleau Street to Endeavour Street, Sans Souci. Kogarah	1,476
199	Rocky Point Road, between Endeavour Street and Broughton Street, Sans Souci. Kogarah	1,000
199	Rocky Point Road, between Sandringham Street to Ritchie Street, Sans Souci. Kogarah	1,000
199	Along Napoleon Street at the rear off houses between Sandringham Street and Russel Avenue, Sans Souci. Rockdale	3,126
667	President Avenue, Intersection West Botany Street, Kogarah. Rockdale	141
199	North West side of Captain Cook Bridge, Waters edge to lane into car park	9,088

3.2.2 Herbicide Spraying Omission Areas

The use of pesticides is not permitted in the following areas:

Road No.	Road Name	From	To	Notes
SYDNEY SOUTH ZONE				
	None Identified			

3.2.3 Landscaped Areas

Road	Area type	Description	Size (m ²)
SYDNEY SOUTH ZONE			
512	Both sides	Heathcote Road. From New Illawarra Road to Sandy Pt, both sides of the Road, Menai, Sutherland	59,040
512	Both sides	Heathcote Road. From Sandy Point, both sides of the Road 2m wide cut to Harris Creek at Holsworthy, Liverpool	22,400
393	Both sides	McKell Avenue, from the Fire Station to Water Fall Weir both sides of the Road, Water Fall, Sutherland	25,280
393	Both sides	Lady Wakehurst Drive, from Sutherland Shire boundary sign to Water Fall, both sides of the Road, Water Fall, Sutherland	8,880
393	Both sides	Sir Bertram Stevens Drive, Water Fall Weir to Garie turn off western side of the Road, Water Fall, Sutherland	6,645
1	Guard rail behind and under	Princes Highway. Port Hacking Road to Sylvania Street, all the Guardrails to Sylvania, Sutherland	2,122
1	Guard rail behind and under	Princes Highway. Birdwood Road to Box Road, Sylvania, Sutherland	119
1	Guard rail behind and under	Loftus Cutting East-side Loftus Oval to Old Bush Road, Loftus, Sutherland	945
1	Guard rail behind and under	Loftus Cut West-side Loftus Cut to Old Bush Road, Loftus, Sutherland	1,560
1	Guard rail behind and under	Princes Highway. Porter Road to Cardiff Street, Engadine, Sutherland	351
190	Guard rail behind and under	From Alfords Point Bridge, Alfords Point Road to Menai Road, all Guardrails, Sutherland	4,105
M4	Guard rail behind and under	M4 Motorway between James Ruse Drive and Silverwater Road including on and off ramps, Silverwater	2,518
200	Kerb to fence	All along Centenary Drive, from Hume Highway to Arthur Street, Strathfield, Canterbury	2,330
190	Landscaped area	Alfords Point Road between Alma Road and Alfords Point Bridge, Padstow Heights, Sutherland	3,400
1	Median	Princes Highway. Birdwood Road to Box Road, Sylvania, Sutherland	654
1	Median	Princes Highway. Box Road to Bates Drive, Sylvania, Sutherland	2,600
1	Median	Princes Highway. The Kingsway to Oak Road, Kirrawee, Sutherland	2,292
1	Median	Sutherland Bypass Median, President Avenue to Loftus Oval, Sutherland	6,800
1	Median	Loftus Cutting Median Loftus Cut to Old Bush Road, Loftus, Sutherland	9,844
663	Median	Old Bush Road to Old Princes Highway, Engadine, Sutherland	2,576

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

1	Median	Princes Highway. Numantia Road to Heathcote Road, Heathcote, Sutherland	2,058
1	Median	Princes Highway. Oliver Street to Burns Road, Heathcote, Sutherland	7,191
1	Median	Princes Highway. Mirang Road (Firetrail) to Daragan Close between Carriageways, Heathcote, Sutherland	31,650
1	Median	Princes Highway. Daragan Close to Waterfall Bridge, Waterfall, Sutherland	4,140
1	Median	Princes Highway. North & South of Waterfall Bridge on East-side Waterfall, Sutherland	770
1	Median	Princes Highway. Bundarra Street to end formed median, Waterfall, Sutherland	1,780
227	Median	The Kingsway from Taren Point Road to Princes Highway, Kirrawee	4,555
512	Median	Heathcote Road between Nuwarra Road and Keato Avenue. Hammondville, Liverpool	1,800
200	Median	King Georges Road, from Punchbowl Road to The Boulevard and to Canterbury Road, Punchbowl, Canterbury	2,768
200	Median	King Georges Road, between Canterbury Road and Moorefields Road, Roseland, Canterbury	1,880
200	Median	King Georges Road (behind Guardrails), between M5 and Ponyara Road, Beverly Hills, Canterbury	61
200	Median	King Georges Road, opposite Aquatic Centre, South Hurstville, Hurstville	226
200	Median	Connells Point Road to Terry Street, Blakehurst, Kogarah	2,507
200	Median	Terry Street to Princes Highway, Blakehurst, Kogarah	332
665	Median	Traffic Islands at Intersection of Forest Road & Pearce Avenue to Jacques Avenue, Peakhurst, Hurstville	856
549	Median	Coronation Parade & Punchbowl Road, Enfield South, Canterbury	630
668	Median	North East Corner of Coronation Parade, Enfield South, Canterbury	707
549	Median	Punchbowl Road, between McCourt Street and Hillard Street, Lakemba, Canterbury	208
167	Median	Newbridge Road between Bridges Road Liverpool and Henry Lawson Drive Milperra, Liverpool	6,750
167	Median	Canterbury Road Cnr. River Road Revesby, Canterbury	250
2	Median	Hume Highway between Fenwick Street Yagoona and Roberts Road, Chullora, Strathfield	11,300
190	Median	Stacey Street, in median, between Fairford Road and McCauley Avenue, Bankstown	450
190	Median	Stacey Street, in median, between Stanley Street and McCauley Avenue, Bankstown	2,270
190	Median	Stacey Street, S/B, the park land in the median between Hume Highway to Frederick Street, Bankstown	2,210
190	Median	Rookwood Road between Boardman Street and Mui Road Chullora, Bankstown	1,269
190	Median	Joseph Road between Muir Road and Lewis Street Chullora, Bankstown	1,290
190	Median	Joseph Road between Lewis Street & Amy Street Chullora, Bankstown	420
669	Median	Port Hacking Road from Parraweena Road Miranda to Intersection of Princes Highway Sylvania, Sutherland	3,726
200	North to south	Roberts Road and Napoleon Street, Greenacre, Canterbury	764

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

1	Open area	Princes Highway. at End of formed median between Carriageways, Waterfall, Sutherland	18,900
190	Open area	Alfords Point Road between Alma Road and Alfords Point Bridge, Padstow Heights, Sutherland	21,720
200	Southwest intersection	Roberts Road, at Wiley Avenue, Greenacre, Canterbury	391
1	Traffic island	Princes Highway and Boulevard Intersection, Sylvania, Sutherland	376
1	Traffic island	Traffic islands at turn off Bundeena at Intersection Farnell Avenue, Loftus, Sutherland	776
1	Traffic island	Traffic Islands at Inter Princes Highway & Rawson Avenue, Loftus, Sutherland	1,496
1	Traffic island	Traffic Islands at Inter of Princes Highway & Bates Drive, Kirrawee, Sutherland	696
1	Traffic island	Princes Highway and Old Princes Highway. Intersection South-end, Engadine, Sutherland	194
1	Traffic island	Princes Highway. Heathcote Road intersection North West Corner, Heathcote, Sutherland	1,715
665	Traffic island	Traffic Islands at Intersection of Stoney Creek Road & Forest Road, Beverly Hills, Hurstville	770
2	Traffic island	Hume Highway, both traffic islands at Woodville Road intersection, Lansdowne	1,800
2	Traffic island	Woodville Road North side of Railway Bridge UBD Map 230 J16 Traffic Island	3,226
1	Verge	Sutherland Bypass East-side President Avenue to Loftus Oval, Verges at front and rear of sound wall Sutherland	4,458
1	Verge	Sutherland Bypass West-side President Avenue to Loftus Oval, Verges at front and rear of sound wall Sutherland	9,049
1	Verge	Alfords Point Road at RTA inspection station grass area only Illawong Sutherland	544
1	Verge	Alfords Point Road / Illawong Maxwell cl map P 1	1,064
1	Verge	Alfords Point Road rear of houses eastern side only Illawong	850
1	Verge	Alfords Point Road before and after Old Illawarra Road Bridge verges Menai, Sutherland	2,160
1	Verge	Princes Highway. Heathcote between Jennings Road to Waterfall south bound & northbound Guard Rails & Guide Posts & Verges	10,000
190	Verge	New Illawarra Road between Old Illawarra Road & Heathcote Road Lucas Heights, Sutherland	6,500
512	Verge	Service Road Centenary Avenue and Heathcote Road Moorebank, Liverpool	1,252
2	Verge	Henry Lawson Drive between Hynes Street & Hume Highway around Guard rails and Copper Log fence. Lansdowne	525
2	Verge	Hume Highway, Westbound, at corner of Henry Lawson Drive, Lansdowne	700
2	Verge	Woodville Road between Tangerine Street & Llewellyn Avenue Guardrails southbound & northbound. Villawood, Bankstown	250
2	Verge	Hume Highway, W/B, the park land within the boundary of Henry Lawson Drive, Tillett Parade and Lansdowne Road, Lansdowne	40,338
2	Verge	Hume Highway, W/B, the park land between Johnston Road to Flower Power, Bass Hill	15,739
2	Verge	Hume Highway, E/B, the park land between Mundamatta Street, Miller Road to the walkway to Camira Street, Villawood	15,801

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

2	Verge	Hume Highway, E/B, the park land between Camira Street to Coolalie Street, Villawood	16,639
2	Verge	Hume Highway, E/B, the park land between Coolalie Street to Derribong Street, Villawood	8,242
2	Verge	Hume Highway, E/B, the rest of the park land between Derribong Street to Woodville Road, Villawood	10,934
2	Verge	Hume Highway from kerb to kopper log, E/B, the park land between Hector Street to the property boundary, Bass Hill	6,118
2	Verge	Hume Highway, W/B, the park land between Colechin Street to the property boundary, Yagoona	17,800
2	Verge	Hume Highway, N/B, at the intersection with Bruncker Road, the park land near the timber yard, Chullora	11,465
190	Verge	Fairford Road, at the intersection with Henry Lawson Drive, along ramp from Henry Lawson Drive, Padstow Heights	2,400
190	Verge	Fairford Road, Southbound, between slip ramps at Clancy Street, Padstow	4,000
190	Verge	Davies Road, at intersection with Alma Road, Southbound, area behind sound wall, Padstow	4,000
190	Verge	Fairford Road, slip ramps to Canterbury Road, Bankstown	2,000
190	Verge	Stacey Street and Faiford Road, at verge from kerb to property fence, both sides, between McCauley Avenue and Canterbury Road, Bankstown	7,000
190	Verge	Stacey Street, N/B, the park land (including footpath) between Rickard Road to Myrtle Road, Bankstown	2,400
190	Verge	Stacey Street, N/B, the park land (including footpath) between Myrtle Road to Milton Street, Bankstown	3,128
190	Verge	Stacey Street, N/B, the park land (including footpath) between Milton Street to Greenacre Road, Bankstown	2,415
190	Verge	Stacey Street, N/B, the park land (including footpath) between Greenacre Road to Frederick Street, Corner 308 Greenacre Road outside cut grass inside fence Bankstown	3,890
190	Verge	Stacey Street, N/B, along footpath between sound wall and private property from Frederick Street to Hume Highway, Bankstown	1,447
190	Verge	Stacey Street, N/B, the park land at Beresford Avenue turning point to property boundary, Bankstown	1,198
M4	Verge	M4 Motorway between James Ruse Drive and Silverwater Road including on and off ramps, Silverwater	5,800
M4	Verge	M4 Motorway between James Ruse Drive and Silverwater Road including on and off ramps, Silverwater, Remove weeds from Landscape area	8,384
2	Verge	Hume Highway, Eastbound only, at verge to property fence, b/w Bruncker Road and SRA Work Shop Gate No. 3 (near Waterloo Road), Chullora	17,800
190	Verge	Intersection Rockwood Road and Stacey Street southbound grass verge at Traffic Lights, Rosedale Avenue to Hume Highway Intersection south bound verges, Greenacre	1,390

3.2.4 Boundary Fencing (Chainwire & Rural Fencing)

Road No.	Road Name	Location	Lengths
SYDNEY SOUTH ZONE			
1	Princes Hwy	Aldgate St to Grafton St, Kirrawee	400m
190	Alfords Point Rd	Alma Rd, Padstow to Old Illawarra Rd, Lucas Heights (selected section)	2000m approx
593	Southern Cross Drive	Mill Pond Rd, Mascot to Link Rd, Rosebery (selected sections)	2,000m approx

3.2.5 Fauna Fencing

Road No.	Road Name	Location	Lengths
SYDNEY SOUTH ZONE			
	Nil Inventory		

3.2.6 Noise Barriers

Wall Id.	Road Name / Description	Type	Material	Height	Length
SYDNEY SOUTH ZONE					
W00047	Alfords Point Road Alfords Point, Blueberry Pla	MOUND	EARTH	3.00	350.00
W00049	Alfords Point Road Alfords Point, Lemongum PIW2	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.60	320.00
W00050	B/w Silverwater Road Off-Ramp To M4 Heading East & M4 at	MASONRY	CONCRETE BLOCK	3.50	170.00
W00066	Davies Road Padstow, Berrima Avenue	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.00	325.00
W00067	Davies Road Padstow, Dilke Road, Wall1	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.00	448.00
W00070	Heathcote Road, Heathcote, Odeon Place, Wall1	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	280.00
W00071	Heathcote Road, Heathcote, Odeon Place, Wall2	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	88.00
W00104	M4 Silverwater, Deakin Street	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	465.00

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Wall Id.	Road Name / Description	Type	Material	Height	Length
W00109	Princes Highway, Heathcote Road, Engadine, Renmark Place-	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	68.00
W00110	Princes Highway, Heathcote Road, Engadine, Renmark Place-	PRE-FABRICATED	REINFORCED CONCRETE	3.00	123.00
W00111	Princes Highway, Heathcote, Patterson Road, Wa	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	104.00
W00112	Princes Highway, Heathcote, Patterson Road, Wa	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.60	36.00
W00113	Princes Highway, Heathcote, Patterson Road, Wa	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.00	40.00
W00114	SVWRoadOff-RmptoM4Eastbnd,Slvrwtr ,Barker A	MASONRY	CONCRETE BLOCK	2.40	165.00
W00117	Southern Cross Drive, Eastlakes Public School (Wentworth-Ga	POST AND PANEL	REINFORCED CONCRETE	3.00	433.00
W00118	Southern Cross Drive, Eastlakes, Vernon Avenue	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.00	194.00
W00120	Sutherland Bps Sutherland, Glencoe Stto Algat	PRE-FABRICATED	REINFORCED CONCRETE	4.00	260.00
W00121	Sutherland Bps Sutherland, Forest Road to Pollar	PRE-FABRICATED	REINFORCED CONCRETE	4.00	237.00
W00122	Sutherland Bps Sutherland, Minerva Stto Forest	PRE-FABRICATED	REINFORCED CONCRETE	4.00	213.00
W00123	Sutherland Bps Sthrlid, Road Cycling Cctto Belmon	PRE-FABRICATED	REINFORCED CONCRETE	4.00	246.00
W00124	Syd Einfeld Drive, Bondi Junction, Grafton St	PRE-FABRICATED	REINFORCED CONCRETE	5.10	242.00
W00127	Alford Point Road, Alford Point, Ribbon Gum Cl	PRE-FABRICATED	REINFORCED CONCRETE	3.00	150.00
W00128	Alford Point Road, Alford Point, under Brushwood	PRE-FABRICATED	REINFORCED CONCRETE	3.00	210.00
W00131	Bangor Bypass, Menai, Bishop Road & Mather	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.00	80.00
W00132	Bangor Bypass, Menai, Renford Close	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.00	60.00

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Wall Id.	Road Name / Description	Type	Material	Height	Length
W00180	Dowling Street, Kensington	PRE-FABRICATED	REINFORCED CONCRETE	3.80	688.00
W00201	Forest Road, Banksia, Primary School	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.60	140.00
W00215	M5, Beverly Hills, Eumina St	PRE-FABRICATED	REINFORCED CONCRETE	4.00	670.00
W00225	M5, Kingsgrove, Commercial Road	PRE-FABRICATED	REINFORCED CONCRETE	4.00	490.00
W00226	M5, Kingsgrove, Westbound	MOUND	EARTH	4.00	400.00
W00228	M5, Milpera, Horsley Drive	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	80.00
W00229	M5, Padstow, after Gibson Avenue	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	34.00
W00230	M5, Padstow, before Gibson Avenue	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	415.00
W00231	M5, Padstow, Louie Street	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	435.00
W00232	M5 above Kingsgrove Road	OTHER	PLASTIC	4.00	80.00
W00233	M5 East Bound, Armitree Street, Kingsgrove	MOUND	EARTH	4.10	380.00
W00234	M5 East bound, Elouera Street, Beverly Hills	PRE-FABRICATED	REINFORCED CONCRETE	4.50	865.00
W00235	M5 East Bound, Jones Avenue, Kingsgrove	PRE-FABRICATED	REINFORCED CONCRETE	4.00	216.00
W00236	M5 East Bound, Karingal Street, Kingsgrove	PRE-FABRICATED	REINFORCED CONCRETE	4.00	650.00
W00237	M5 East Bound, Ware Jee Street, Kingsgrove	PRE-FABRICATED	REINFORCED CONCRETE	4.00	580.00
W00239	M5 Eastbound, Nawee, Grove Avenue, W1	POST AND PANEL	METAL	4.20	575.00
W00240	M5 East bound, Nawee, Grove Avenue, W2	POST AND PANEL	METAL	4.20	71.00
W00241	M5 East bound, Nawee, Peshurst Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.60	133.00
W00242	M5 Eastbound, Riverwood, Arilla Avenue	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	264.00
W00244	M5 West Bound, Beverly Hills, Elouera Street	PRE-FABRICATED	REINFORCED CONCRETE	3.50	85.00
W00245	M5 West Bound, Beverly Hills, Kirrang Street	MOUND	EARTH	4.00	292.00
W00246	M5 West bound, Windarra Street To Belmore Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.80	1715.00

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Wall Id.	Road Name / Description	Type	Material	Height	Length
W00247	M5 West Bound, Bryan st, Padstow	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	260.00
W00252	New Illawarra Road (BgrBps) Menai, Hall Drive, W1	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.00	284.00
W00254	New Illawarra Road (BgrBps) Menai, Elt Road Olwr Road,	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.50	529.00
W00255	New Illawarra Road (BgrBps) Menai, Elt Road Olwr Road,	POST AND PANEL	PLASTIC	4.50	11.00
W00256	New Illawarra Road (BngrBps), Menai, Barry Street	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.60	145.00
W00260	Ramp Off M5 to Belmore Road, Riverwood	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.80	851.00
W00261	Ramp Off M5 to Henry Lawson Drive	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.60	600.00
W00263	Ramp Off M5 to King Georges Road, East bound	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.00	389.00
W00264	Ramp Off M5 to King Georges Road, West bound	PRE-FABRICATED	REINFORCED CONCRETE	4.50	290.00
W00266	Ramp On M5 from Heathcote Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	835.00
W00268	Ramp On M5 from Belmore Road, Riverwood, W2	POST AND PANEL	METAL	3.60	148.00
W00269	Ramp On M5 from Belmore Road, Riverwood, W3	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	280.00
W00270	Ramp On M5 from Belmore Road, Riverwood, W4	POST AND PANEL	METAL	4.20	125.00
W00271	Ramp On M5 from Belmore Road, Riverwood, W5	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	125.00
W00272	Ramp On M5 from Bexley Road, Kingsgrove	PRE-FABRICATED	REINFORCED CONCRETE	4.00	1040.00
W00273	Ramp On M5 from Henry Lawson Drive	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	1040.00
W00276	Ramp On M5 from King Georges Road, Westbound	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.30	324.00

Wall Id.	Road Name / Description	Type	Material	Height	Length
W00277	Ramp On M5 from King Cross Road, West bound, Allambee Creek	PRE-FABRICATED	REINFORCED CONCRETE	4.60	85.00
W00278	Ramp On M5 from King Cross Road, West bound, Booragul Street	PRE-FABRICATED	REINFORCED CONCRETE	4.50	207.00
W00279	Ramp On M5 from The River Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.20	398.00
W90110	Princes Highway, Heathcote Road, Engadine, Renmark Place-	PRE-FABRICATED	REINFORCED CONCRETE	3.00	123.00

3.2.7 Vacant Property

Road No.	Road Name	Location	No. / Position of Properties	Approximate Area (m ²)
SYDNEY SOUTH ZONE				
91		Brushwood Drive, between Tallowood Place and Eucalyptus Street, Alfords Point, Sutherland	Rear of property	3,650
200		No:56 King Georges Road, Wiley Park, Canterbury	Adjacent block	510
200		No:174 King Georges Road, Roseland, Canterbury	Corner block	262
200		No:794 King Georges Road, Maher Street, South Hurstville, Hurstville	Corner block	525
200		King Georges Road, corner Warwick Street, Beverly Hills, Hurstville	Corner block	388
200		No: 167 King Georges Road Wiley Park, Hurstville	House block	775
200		No:748 King Georges Road, South Hurstville, Hurstville	House block	768
200		No:760 King Georges Road, South Hurstville, Hurstville	House block	960
200		No:764 King Georges Road, South Hurstville, Hurstville	House block	650
200		No:766 King Georges Road, Blakehurst, Hurstville	House block	960
200		No:768 King Georges Road, South Hurstville, Hurstville	House block	686
200		No:772 to 774 King Georges Road, South Hurstville, Hurstville	House block	1,561
200		No:40 Greenbank Avenue, Hurstville	House block	850
200		No:737 King Georges Road, South Hurstville, Hurstville	House block	935
200		No:739 King George Road, South Hurstville, Hurstville	House block	954

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	Location	No. / Position of Properties	Approximate Area (m ²)
200		No:751 King Georges Road, South Hurstville, Hurstville	House block	945
200		No:754 King Georges Road, South Hurstville, Hurstville	House block	689
200		No:741 King Georges Road, South Hurstville, Hurstville	House block	620
200		No:745 King Georges Road, South Hurstville, Hurstville	House block	438
200		No:749 King Georges Road, South Hurstville, Hurstville	House block	414
200		No:788 King Georges Road, South Hurstville, Hurstville	House block	400
200		No: 790 King Georges Road, South Hurstville, Hurstville	House block	608
200		No:572 King Georges Road, Penshurst, Hurstville	House block	960
200		No:599 King Georges Road, Penshurst, Hurstville	House block	816
200		No:737 King Georges Road, Penshurst, Hurstville	House block	2,550
200		No:746 King Georges Road, South Hurstville, Hurstville	House block	946
200		No:752 King Georges Road, South Hurstville, Hurstville	House block	662
200		No:792 King Georges Road, South Hurstville, Hurstville	Overhead bridge	103
227		No:686A Kingsway, Miranda, Sutherland	Adjacent block	656
227		Corner of Bellingara Road and The Boulevard, Miranda, Sutherland	Adjacent block	22,400
227		Next to No: 688 Kingsway, Miranda, Sutherland	House block	543
227		Next to No: 690 Kingsway, Miranda, Sutherland	House block	543
650		No.48 Martin Street, Haberfield	Corner block	270
650		No.25 Martin Street, Haberfield	Corner block	270
650		Fenced RTA Compound Wattle Street, Haberfield	Corner block	500
650		No: 92 - 96 Milton Street (Includes footpath), Ashfield	Corner block	395
650		No.49 Frederick Street & Thomas Street, Ashfield	Corner block	1,980
650		Corner Frederick Street & Thomas Street, Ashfield	Corner block	2,500
650		Corner Milton Street & Park Avenue Ashfield, (LANEWAY) Ashfield	Corner block	884
650		Corner of Liverpool Road & Milton Street, Ashfield	Corner block	561
650		Corner of Wattle Street & Allum Street and Footpath, Haberfield	House block	314
650		No.96 Frederick Street, Ashfield	House block	700
650		No:98 Frederick Street, Ashfield	House block	700

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	Location	No. / Position of Properties	Approximate Area (m ²)
650		No.1 Blackwood Avenue, Ashfield	House block	324
650		Next to 82 Holden Street, Ashfield	House block	323
650		Frederick Street & Beatrice Street, Ashfield	Landscaped area	280
650		Corner of Milton Street & Park Road, Ashfield	Landscaped area	200
650		Robert Street Corner 82 Holden Street Laneway Double Gate, Ashfield	Landscaped area	90
650		No.111 Dobroyd Parade in Park behind Electrical Poles, Haberfield	Rear of property	2,600
663		Rear or Kerslake Grove Access from Carter Road, Menai Sutherland UBD MAP PAGE NO: 311 H15	Rear of property	1,120
663		Rear of Silverleaf Row Access from Carter Road Menai, Sutherland UBD MAP PAGE NO: 311 J 15	Rear of property	1,152
663		Rear of Adaluma Avenue. Bangor, Sutherland	Rear of property	996
663		Rear of Paringa Place Bangor Access from Akuna AV near overhead foot bridge, Bangor, Sutherland	Rear of property	2,800
663		Rear of Sound wall Akuna Avenue, Bangor, Sutherland	Southwest intersection	9,813
2021		No:13 Unwin Lane, Undercliffe, Canterbury	Adjacent block	306
2021		No:16 Bayview Avenue, Undercliffe, Canterbury	Adjacent block	350
2021		No:18 to No:22 Bayview Avenue, Undercliffe, Canterbury	Adjacent block	700
2021		East side of No:8 Unwin Street, Undercliffe, Canterbury	Batters only	1,200
2021		No:1 Unwin Street, Undercliffe, Canterbury	House block	647
2021		16-18 Unwind Street, Undercliffe, Canterbury	House block	1,220
2021		Corner of Tempe Street and Unwin Street, Undercliffe, Canterbury	House block	2,836
2021		Rear of No:8 Unwind Street Embankment to Canal, Undercliffe, Canterbury	Rear of property	170
7075		No:7 High Street, Gymea, Sutherland	Adjacent block	938
7075		No:9 High Street, Gymea, Sutherland	Adjacent block	938
7075		No:12 High Street, Gymea, Sutherland	Adjacent block	965
7075		No:14 High Street, Gymea, Sutherland	Adjacent block	765
7075		Corner of View Street & Manchester Road, Gymea, Sutherland	Adjacent block	1,256
7075		Corner of Manchester Road & Houston Street, Gymea, Sutherland	Adjacent block	3,486
7075		Side & Rear of No:22 & No:23 Thacker Close, Gymea, Sutherland	Adjacent block	4,698

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	Location	No. / Position of Properties	Approximate Area (m ²)
7075		No:12 Paddison Avenue, Gymea, Sutherland	Adjacent block	790
7075		No:14 Paddison Avenue, Gymea, Sutherland	Adjacent block	790
7075		No:161 Sylvania Road, Gymea, Sutherland	Adjacent block	792
7075		No:151 Sylvania Road, Gymea, Sutherland	Adjacent block	1,385
7075		No:25 Pinnacle Street, Gymea, Sutherland	Adjacent block	1,614
7075		No:29 Pinnacle Street, Gymea, Sutherland	Adjacent block	519
7075		No:30 Pinnacle Street, Gymea, Sutherland	Adjacent block	519
7075		Adj. to No:155 Sylvania Road, Miranda, Sutherland	Adjacent block	2,120
7075		Adj. to No:8 Hunter Street, Kirrawee, Sutherland	Adjacent block	5,390
7075		Rulwalla Place, Gymea, Sutherland	Adjacent block	4,000
7075		No:171 Forest Road, Gymea, Sutherland	House block	1,395
7075		No:1 High Street, Gymea, Sutherland	House block	943
7075		No:122 Gymea Bay Road, Gymea, Sutherland	House block	805
7075		No:141 Gymea Bay Road, Gymea, Sutherland	House block	412
7075		No:143 Gymea Bay Road, Gymea, Sutherland	House block	412
7075		No:147 Gymea Bay Road, Gymea, Sutherland	House block	412
7075		No:50 Chapman Street, Gymea, Sutherland	House block	638
7075		No:65 Chapman Street, Gymea, Sutherland	House block	780
7075		No:320-324 President Avenue, Gymea, Sutherland	House block	3,240
7075		No:43 Premier Street, Gymea, Sutherland	House block	725
7075		No:325 President Avenue, Gymea, Sutherland	House block	725
7075		No:50 Premier Street, Gymea, Sutherland	House block	783
7075		Next to No:10 Hunter Street, Gymea, Sutherland	House block	1,000
7075		North West Arms Road, (TENNIS COURTS) Includes Embankments, Gymea, Sutherland	Open area	8,726
7075		Rear of Houston Street, near Scout Hall, Gymea, Sutherland	Rear of property	8,878
190		Old Illawarra Road side of Housing Commission Flats, Menai, Sutherland (Firebreak)	Footpath and batter	780
190		Alfords Point Road behind Arnold Place, Menai, Sutherland (Firebreak)	Rear of property	1,560
190		Alfords Point Road behind Housing Commission Flats, Menai, Sutherland (Firebreak)	Rear of property	5,523
190		Eastern Side of Alfords Point Road, Menai, Sutherland (Firebreak)	Rear of property	3,840
190		Alfords Point Road embankment rear of Bus Depot along chain wire fence North Bound to Guardrails, Sutherland	Verge	1,700
190		Alfords Point Road, from Eucalyptus Street North Bound to Alfords Point Bridge, Sutherland	Verge	7,414

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	Location	No. / Position of Properties	Approximate Area (m ²)
227		Lot 84/55 Gwawley Parade Rear properties, Miranda, Sutherland	Rear of property	7,493
227		Shackel Road, Bangor, Sutherland	Rear of property	1,000
169		No:3 Johnston Street, rear of property, Bexley, Canterbury	Adjacent block	1,000
169		No:11 Johnston Street, Bexley North, Canterbury	Adjacent block	283
169		No:13 Johnston Street, Bexley North, Canterbury	Adjacent block	283
169		Bexley Road, corner Flat Rock Road North Bexley, Earlwood, Canterbury	Adjacent block	4,351
169		No:91 Viking Street, Campsie, Canterbury	Adjacent block	740
169		Corner of Evaline Street & Loch Street, Campsie, Canterbury	Adjacent block	1,446
169		No:83 Bexley Road, Campsie, Canterbury	House block	602
169		No:85 Bexley Road, Campsie, Canterbury	House block	407
169		No:23 Biara Avenue, Campsie, Canterbury	House block	870
169		No:24 Biara Avenue, Campsie, Canterbury	House block	667
169		No:89 Viking Street, Campsie, Canterbury	House block	740
190		End of Nallada Road next to House No: 14, Alfords Point, Sutherland (Firebreak), UBD PAGE 291 N 14	Footpath and batter	219
190		End of Nallada Road next to boom gate, Alfords Point, Sutherland (Firebreak), UBD PAGE 291 N 14	Footpath and batter	264
190		Area bounded by Hunter Street, Jonston Street & Forest Road, Kirrawee, Sutherland	Open area	39,320
190		Rear of Kilborn Place Menai Access Road from Berry Road Menai, Including embankment UBD MAP PAGE NO: 311 G12, Sutherland	Rear of property	6,332
190		Alfords Point Road Northbound from end of Landscaped Batter, Menai, Sutherland	Rear of property	2,266
190		Alfords Point Road Northbound to first Sedimentation Pond Menai, Sutherland	Rear of property	3,420
190		Alfords Point Road Northbound to second Sedimentation Pond Menai, Sutherland	Rear of property	2,666
190		Alfords Point Road Northbound from second Sedimentation Pond to end of area. Menai, Sutherland	Rear of property	3,576
227		Lot 84/55 Gwawley Parade, Miranda, Sutherland	Corner block	924
227		No: 19 rear embankment of Shackel Road Bangor, Sutherland	Rear of property	1,962
227		Piriwal Close, Bangor, Sutherland	Rear of property	300

Road No.	Road Name	Location	No. / Position of Properties	Approximate Area (m ²)
549		No:19/20 Punchbowl Road Belfield, Canterbury	Adjacent block	900
549		Georges River Road & Rawson Street at Bus-stop (Includes footpath), Enfield, Canterbury	Corner block	230
549		Corner Burwood Road and Georges River Road includes footpath Croydon Park, Canterbury	Corner block	455
549		Corner of Georges River Road. & Kembla Street, Croydon Park, Canterbury	House block	820
549		140 Georges River Road, Croydon Park, Canterbury	House block	442
549		No:255 Georges River Road Croydon Park, Strathfield	House block	480
663		Linden Street, at corner of Galga Street, Sutherland	Corner block	670
663		No: 11 Galga Street, Sutherland	House block	257
663		Sunbury Street & Oakwood Street. Open area behind sound wall and left side of Driveway. Alongside Private Road between two Chain Wire Fences Padlock gate, Sutherland	Southwest intersection	3,414
1		End of Copeland Road and Odeon Place, Heathcote, Sutherland (Firebreak)	Footpath and batter	2,561

3.2.8 Slopes and Retaining Walls

RMS / RTA have carried out risk assessments of all slopes and assigned an 'Assessed Risk Level' ARL 1 through to ARL 5 rating to each. The ratings are a combination of the 'Consequence' and 'Likelihood' of slope failure with ARL 1 being the highest level:

- ARL 1 HIGHEST RISK TO LIFE & PROPERTY
 - Slope failure large scale, expected high rates of movement, little warning, high consequence (death or road closure) expectation of failure in short term
- ARL 3 INTERMEDIATE LEVEL OF RISK
 - May be tolerable in short to medium term, subject to closer investigation
- ARL 5 LOWEST LEVEL OF RISK TO LIFE/ PROPERTY
 - Failure mechanisms are small scale, low to zero rates of movement, minor or negligible consequence of failure, no reasonable expectation of failure in the medium or long term

Slopes which have been identified as ARL 1 or 2 have a Slope Risk Management Plan attached to them which highlight Interim work, frequency of inspection and monitoring requirements. However the objective is to reduce all slopes to an ARL of 3 or lower. Where slopes have a rating of ARL 1 or 2 this has been identified in the table below, lower ratings have not been included:

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
SYDNEY SOUTH ZONE										
17347	1	110	0.046	A	L	Bridge abutment	BrOv Rlwy, Newtown	Soil	17	ARL3
17348	1	120	0.003	A	R	Bridge abutment	BrOv Rlwy, Newtown	Soil	37	ARL3
17349	1	130	0.476	A	L	Bridge abutment	BrOv Rlwy, St.Peters	?	24	
17350	1	130	0.507	A	L	Bridge abutment	BrOv Rlwy, St.Peters	?	353	
17351	1	200	0.483	B	L	Structure above	R/W, 70m to Canal Rd	Soil	46	ARL4
17352	1	220	0.150	B	L	Bridge abutment	BrOv Rlwy, Tempe	?	26	
17353	1	220	0.176	B	L	Fill	Br.abut, BrOv Rlwy, Tempe	?	14	
17354	1	250	0.285	B	L	Fill	s/f, cnr Holbeach Av UBD(04)275A4	Soil	183	ARL4
17355	1	250	0.468	B	L	Bridge abutment	BrOv Cooks River	Soil	20	ARL4
17356	1	250	0.544	C	R	Bridge abutment	Southern bridge abutment across Cooks River	Soil	19	ARL4
17357	1	275	0.073	B	L	Cut	s/c, ramp to FBr s/c, 4m, 80o, sst, fractured, nil shoulder [UBD(04)274M10]	Rock	120	ARL2
17358	1	420	0.071	B	L	Cut	s/c, 70m fr. Carwar Av 5-10m, 65o, sst, massive, large overhang	Rock	280	ARL4
17359	1	455	0.483	B	L	Bridge abutment	BrOv Georges River	Rock	32	ARL3
17360	1	455	1.097	B	L	Bridge abutment	BrOv Georges River	Soil	27	ARL5
17361	1	455	1.124	B	L	Fill	s/f Fill adjoining Br. abut, 6m, 40o-45o	Soil	71	ARL4
17362	1	455	1.249	B	L	Cut	s/c, FBr, Sylvania Pmy 3m, 80o, adjoins sst block R/W [UBD(04)313P8]	Rock	181	ARL3
17363	1	480	0.286	B	L	Cut	s/c cnr Yeran St 2m, nil shoulder [UBD(04)313P8]	Soil	158	ARL4
17364	1	490	0.131	B	L	Cut	s/f, Southgate shopping series of shallow cut, nil shoulder	Soil	96	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
17365	1	500	0.623	B	L	Cut	s/c cnr Venetia St UBD(04)313J9	Soil	109	ARL5
17366	1	560	0.075	B	L	Bridge abutment	BrOv Rlwy, Kirrawee	Soil	19	ARL3
17367	1	560	0.094	B	R	Bridge abutment	BrOv Rlwy, Kirrawee	Soil	9	ARL3
17368	1	560	0.406	B	L	Cut	s/c FBr. on Cut	Both rock and soil	181	ARL4
17369	1	560	0.588	B	L	Fill	s/f	Soil	342	ARL3
17370	1	560	0.930	B	L	Cut	s/c 4m, 60o, loose blocks about 1m [UBD(04)332M6]	Rock	222	ARL4
17371	1	580	0.154	B	L	Cut	s/c, 150m fr. Farnell Av SB 5.5m, 65o, sst, erosion, undermining [332F13]	Both rock and soil	600	ARL4
17372	1	580	0.820	B	L	Cut	s/c	Rock	426	ARL4
17373	1	580	1.281	B	L	Fill	s/f	Soil	295	ARL3
17374	1	580	1.505	C	R	Bridge abutment	e/f & BrOv Rlwy Western bridge abutment across railway	Soil	40	ARL3
17375	1	580	1.586	B	L	Bridge abutment	Br.abut & s/f, BrOv Rlwy Eastern bridge abutment across railway 6m, 35o - 40o, veg	Soil	38	ARL3
17376	1	590	0.814	B	L	Cut	s/c, deeper cut	Soil	521	ARL5
17377	1	600	0.215	B	L	Structure above	s/w, carpark R/W supporting carpark, Engadine Stn	Soil	118	ARL3
17378	1	620	0.375	B	L	Fill	s/f, Rlwy embankment	Soil	352	ARL4
17379	1	625	1.636	B	L	Cut	s/c 2.5m, 50o, debris on cut face	Rock	172	ARL3
17380	1	630	0.052	B	L	Cut	s/c 3m, 75o, fractured HW sst, shoulder 3.5m	Rock	113	ARL5
17381	1	630	0.386	B	L	Cut	s/c	Soil	333	ARL5
17382	1	630	0.777	B	L	Fill	s/f, Rlwy embankment	Soil	183	ARL4
17383	1	630	0.960	B	L	Cut	s/c 3-4m, 45o, sst, debris on cut face	Rock	137	ARL5
17384	1	630	2.021	B	L	Cut	s/c 3.5m, 50o, upper part debris & weathered sst, veg.	Soil	130	ARL5

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
17385	1	640	0.017	B	L	Cut	s/c, offload ramp to Waterfall Stn Cut & crib wall	Soil	81	ARL4
17387	1	640	0.118	B	L	Bridge abutment	cut continues	Both rock and soil	157	ARL5
17388	1	650	0.020	B	L	Cut	s/c	Rock	290	ARL3
17407	1	650	0.606	B	R	Cut	s/c RHS	Rock	410	ARL3
17408	1	640	0.296	C	R	Fill	s/f, Camp Coutts entrance UBD(04)351P14	Soil	511	ARL5
17409	1	640	0.104	C	R	Cut	s/c, Footpath to Kooraban St	Rock	103	ARL3
17410	1	640	0.089	C	R	Bridge abutment	Kooraban St OvBr UBD(04)351P13	Rock	15	ARL4
17411	1	635	0.064	C	R	Cut	cut continues cut & crib wall	Both rock and soil	158	ARL4
17412	1	630	2.998	C	R	Cut	s/c h=8m, 65o, [UBD(04)351C16]	Rock	273	ARL3
17413	1	625	1.689	C	R	Cut	s/c	Rock	131	ARL5
17414	1	625	0.982	C	R	Fill	opp. Substation 3-4m, 35-40o, houses below, [UBD(04)351E14]	Soil	102	ARL4
17415	1	580	1.556	C	R	Fill	s/f cnr Old Bush Rd 15m, 45o, veg, sst outcrop near toe, houses [UBD(04)331Q15]	Soil	453	ARL3
17416	1	580	1.519	C	L	Bridge abutment	BrOv Rlwy	Soil	37	ARL3
17417	1	580	1.305	C	R	Fill	Br.abut & adjoininf Fill, s/f	Soil	200	ARL3
17418	1	580	0.871	C	R	Cut	e/f & s/c	Both rock and soil	287	ARL3
17419	1	580	0.132	C	R	Cut	s/c	Both rock and soil	599	ARL3
17420	1	560	1.767	C	R	Cut	s/c	Soil	176	ARL5
17421	1	560	0.657	C	R	Cut	s/c 7m, 60o	Rock	188	ARL3
17422	1	560	0.071	C	R	Bridge abutment	BrOv Rlwy, Kirrawee	?	26	

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
17423	1	550	0.038	C	R	Bridge abutment	BrOv Rlwy, Kirrawee	Soil	422	ARL5
17424	1	490	0.119	C	R	Cut	Corea St-Murrain Ln 2.5-10m, 80o, massive sst, kerb 4m [UBD(04)313L8]	Rock	228	ARL3
17425	1	455	1.117	C	R	Fill	RHS Fill (see Photo SH1-59)	Soil	67	ARL5
17426	1	455	1.047	C	R	Fill	Fill adjoins Br.abut	Soil	41	ARL4
17427	1	455	0.541	C	R	Bridge abutment	Tom Ugly's Br	?	505	
17428	1	455	0.496	C	R	Bridge abutment	Tom Ugly's Br UBD(04)313Q5	Rock	40	ARL3
17429	1	455	0.242	C	R	Cut	s/c, 1st cut from Br. 4.5m 80o sst, some displaced slabs prone to dislodge [UBD(04)314A4]	Rock	93	ARL3
17430	1	450	0.507	C	R	Cut	TownsonSt-Tottenham Pl 5m 90o shotcrete [UBD(04)314A2]	Rock	170	ARL3
17431	1	450	0.210	C	R	Cut	s/c, Hatfield St	Rock	161	ARL4
17432	1	275	0.074	C	R	Cut	s/c, cut & R/W	Rock	128	ARL3
17433	1	250	0.674	C	R	Cut	s/c cnr Bridge Spark Dr 9m, sub-vert. [UBD(04)274Q5]	Rock	93	ARL3
17434	1	250	0.473	C	R	Bridge abutment	BrOv Cooks River	?	91	
17435	1	250	0.447	C	R	Bridge abutment	BrOv Cooks River	Soil	23	ARL5
17436	1	220	0.149	C	R	Bridge abutment	BrOv Rlwy, Tempe	Soil	23	ARL3
17437	1	220	0.137	B	L	Bridge abutment	BrOv Rlwy, Tempe	Soil	12	ARL2
17438	1	130	0.463	A	R	Bridge abutment	Eastern bridge abutment (Sydney Park Rd)	Soil	20	ARL3
17439	1	130	0.449	A	L	Bridge abutment	Western bridge abutment (Sydney Park Rd)	Soil	14	ARL3
17440	1	650	0.585	B	L	Cut	s/c, LHS & RHS Y for cuts on LHS & RHS. See Photos SH1-38 to 40. Cut on RHS (s/c 150.99448 / -34.14266; e/c 150.99311 / -34.14603)	Rock	295	ARL3

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
42943	1	640	0.011	R	R	Structure below	SH1 offload ramp to Waterfall Station, RHS [UBD(04)351P13]	?	82	
42944	1	650	0.045	T	L	Cut	Onload ramp from Kooraban St to SH1, LHS [UBD(04)351Q13]	?	184	
42945	1	650	0.007	T	R	Cut	Onload ramp from Kooraban St to SH1, RHS [UBD(04)351Q13]	?	172	
42946	1	630	0.051	C	R	Cut	median cut	?	921	
48838	1	650	0.310	B	L	Cut		Rock	159	ARL3
48840	1	625	1.808	B	L	Fill		Soil	208	ARL5
48841	1	630	0.178	B	L	Fill		Soil	208	ARL5
48842	1	630	2.386	B	L	Fill		Soil	645	ARL4
48843	1	650	0.492	C	R	Fill		Soil	28	ARL5
48844	1	630	2.311	C	R	Fill		Soil	189	ARL5
48845	1	630	0.953	B	R	Cut		Rock	126	ARL5
48846	1	630	0.667	C	R	Fill		Soil	287	ARL5
48847	1	625	1.820	C	R	Fill		Soil	141	ARL5
48848	1	625	1.296	C	R	Fill		Soil	134	ARL4
48849	1	590	0.688	B	L	Cut		Soil	69	ARL5
48850	1	600	0.373	B	L	Structure below	Both rock and soil	80	ARL5	48850
48851	1	600	0.393	B	L	Structure below	Pedestrian underpass, Engadine Stn	Soil	13	ARL5
48852	1	600	0.390	C	R	Structure below	?	50		48852
48853	1	600	0.374	C	R	Structure below	Soil	29	ARL5	48853
48914	1	630	0.775	B	R	Cut		Soil	206	ARL5
48915	1	640	0.011	R	L	Fill	SH1 offload ramp to Waterfall Station, LHS	Both rock and soil	82	ARL5
48916	1	640	0.099	B	L	Bridge abutment	Rock	19	ARL5	48916
48918	1	650	0.100	T	L	Cut		Soil	129	ARL5
48919	1	560	0.845	C	R	Fill		Soil	261	ARL4
48920	1	590	0.738	C	R	Fill		Soil	215	ARL5
49377	1	455	0.403	B	L	Fill		Soil	115	ARL3

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
49378	1	450	0.381	B	L	Fill		Soil	141	ARL5
49379	1	455	1.055	C	L	Structure below		Soil	63	ARL5
49380	1	455	1.125	B	R	Structure below		Soil	75	ARL4
52383	2	30	0.000	A	L	Bridge abutment		Both rock and soil	40	ARL4
52384	2	190	0.160	B	L	Bridge abutment		Soil	30	ARL5
52385	2	206	0.010	B	L	Bridge abutment		Rock	30	ARL4
52386	2	340	0.150	B	L	Bridge abutment		Rock	264	ARL4
52387	2	471	0.220	B	L	Bridge abutment		Soil	70	ARL3
52406	2	340	0.100	C	R	Bridge abutment		Rock	30	ARL4
52407	2	215	0.010	C	R	Bridge abutment		Rock	10	ARL3
52408	2	190	0.160	C	R	Bridge abutment		Soil	40	ARL5
52409	2	30	0.020	A	R	Bridge abutment		Rock	20	ARL4
59540	5	60	0.122	B	L	Cut	11/06/2007 - Concrete retaining wall and cut slope	Soil	231	ARL4
59541	5	60	0.433	B	L	Cut	?	Soil	117	ARL4
59542	5	225	0.024	B	L	Bridge abutment	11/06/2007 - Bridge abutment over Hawthorne canal --- PREVIOUS--- Inspect retaining wall supporting footpath	Soil	28	ARL4
60654	5	225	0.019	C	R	Bridge abutment	11/06/2007 - Bridge abutment over Hawthorne Canal	Soil	43	ARL4
60655	5	60	0.350	C	R	Structure above	11/06/2007 - Mortared sandstone block retaining wall -	Soil	229	ARL4
60656	5	60	0.014	C	R	Structure above	11/06/2007 - Sandstone block retaining wall	Soil	310	ARL3
58415	165	180	0.720	C	R	Fill	Fill embankment s/f	Soil	18	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
58416	165	180	0.252	C	R	Bridge abutment	Iron Cove Br	Soil	468	ARL3
58417	165	180	0.114	C	R	Fill	s/f,	Soil	138	ARL4
58418	165	110	0.042	C	R	Cut	s/c, cut + R/W, cnr Robert St	Rock	95	ARL3
58419	165	100	0.065	C	R	Fill	s/f from FBr	Soil	11	ARL5
58420	165	100	0.045	C	R	Bridge abutment	e/f, BrOv rlwy	Soil	20	ARL5
58421	165	95	0.118	A	R	Fill	09/06/2007 - fill & R/W, 3m wall 90 degrees --- PREVIOUS--- fill & R/W	Soil	75	ARL5
58422	165	85	0.990	C	R	Fill	fill & R/W, fill on cut	Both rock and soil	100	ARL5
58423	165	85	0.763	C	R	Bridge abutment	22/06/2007 - Anzac Bridge, Abut west side ---PREVIOUS--- Anzac Bridge	Soil	227	ARL3
58425	165	45	0.299	C	R	Bridge abutment	Br abut on sst cut, LHS exit to Harris St	Rock	97	ARL4
58428	165	30	0.032	C	R	Bridge abutment	14/07/2007 - 30m fr. Mono Rail Stn, Darling Pk ---PREVIOUS--- 30m from mono rail station, Darling Park	Rock	68	ARL4
58429	165	10	0.149	C	R	Bridge abutment	?	Soil	542	ARL4
58685	165	18	0.396	B	L	Fill	13/07/2007 - Fill behind jersey barrier	Both rock and soil	137	ARL5
58687	165	35	0.107	B	L	Fill	Retaining Wall	Soil	58	ARL4
58688	165	35	0.165	B	L	Bridge abutment	Bridge abutments	Soil	742	ARL3
58689	165	45	0.189	B	L	Fill	Retaining walls s/f	Soil	38	ARL2
58690	165	65	0.032	B	L	Bridge abutment	10/01/2013 - Bridge over light rail and Glebe off ramp from --- PREVIOUS--- BrOv light rail	Soil	792	ARL3
58691	165	85	1.021	B	L	Fill	s/f, fill grades into RE wall	Soil	444	ARL3
58692	165	100	0.019	B	L	Fill	s/f	Soil	17	ARL5
58693	165	100	0.036	B	L	Bridge abutment	e/f, BrOv rlwy	Soil	45	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
58694	165	120	0.047	B	L	Cut	10/01/2013 - Sandstone cutting on Victoria Rd, Rozelle --- PREVIOUS--- s/c, bus stop	Rock	79	ARL3
58760	165	10	0.000	R	L	Structure below	see Photo 165-83, e/w Cumberland St/Grosvenor St [UBD(04)CL10	Soil	164	ARL4
58762	165	10	0.047	S	L	Structure below	see Photo 165-84	Soil	103	ARL3
58763	165	10	0.063	Z	R	Structure below	see Photo 165-85	Soil	118	ARL4
58764	165	30	0.038	Y	R	Structure above	13/07/2007 - see Photo 165-86 --- PREVIOUS--- Retaining wall adjacent abutment see Photo 165-86	Soil	46	ARL4
58765	165	45	0.088	S	L	Structure above	21/06/2007 - see Photo 165-87 --- PREVIOUS--- Retaining wall see Photo 165-87	Soil	18	ARL3
58766	165	45	0.072	S	L	Bridge abutment	21/06/2007 - UBD(04)12Q8 --- PREVIOUS--- Bridge abutment UBD(04)12Q8	Both rock and soil	19	ARL4
58767	165	45	0.073	S	R	Structure below	21/06/2007 - see Photo 165-87 --- PREVIOUS--- Retaining wall see Photo 165-87	Soil	78	ARL3
58768	165	65	0.009	R	L	Bridge abutment	22/06/2007 - Br abut on sst cut, see Photo 165-97 [UBD(04)12N7] ---PREVIOUS--- Br abut on sst cut, see Photo 165-97 [UBD(04)12N7]	Rock	24	ARL4
58769	165	65	0.033	R	L	Structure below	18/06/2007 - RE wall on LHS and RHS, see Photo 165-98, e/w traffic light, Pymont Br Rd [UBD(04)12M6] --- PREVIOUS--- RE wall on LHS and RHS, see Photo 165-98, e/w traffic light, Pymont Br Rd [UBD(*	Soil	83	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
58770	165	65	0.033	R	R	Structure below	16/06/2007 - RE wall on LHS and RHS, see Photo 165-98, e/w traffic light, Pymont Br Rd [UBD(04)12M6] --- PREVIOUS--- RE wall on LHS and RHS, see Photo 165-98, e/w traffic light, Pymont Br Rd [UBD(*	Soil	83	ARL4
58771	165	65	0.121	S	R	Structure below	see Phot 165-99	Soil	33	ARL3
66749	165	85	0.040	T	L	Structure below	14/05/2008 - Retaining Wall ---PREVIOUS--- LHS Fish Market, [UBD(04)12M6]	Soil	74	ARL4
66750	165	85	0.114	T	L	Bridge abutment	14/05/2008 - Bridge abutment --- PREVIOUS---	Soil	30	ARL4
66751	165	85	0.055	U	R	Bridge abutment	14/05/2008 - Bridge Abutment In Rail Corridor ---PREVIOUS-- UBD(04)12M6	Both rock and soil	35	ARL5
66752	165	95	0.190	S	L	Structure above	19/06/2007 - UBD(04)11P3, see Photo 165-88. --- PREVIOUS--- UBD(04)11P3, see Photo 165-88	Soil	82	ARL3
81620	165	95	0.126	S	R	Structure above	16/05/2008 - Retaining wall (East of north bound Victoria Road) -	Both rock and soil	68	ARL4
81621	165	95	0.194	S	R	Structure above	16/05/2008 - Tunnel Wall ---PREVIOUS---	Soil	78	ARL4
81622	165	95	0.272	S	R	Structure above	16/05/2008 - Retaining Wall -	Soil	124	ARL4
81623	165	65	0.000	S	L	Bridge abutment	14/05/2008 - Bridge Abutment On Rock Cutting ---PREVIOUS-- - Br Abut EB on ramp from PBR	Rock	35	ARL5
81624	165	65	0.035	S	L	Bridge abutment	14/05/2008 - Northern Bridge Abutment --- PREVIOUS--- Br abut WD Onload from PBR to E/B	Soil	86	ARL5
81625	165	65	0.121	S	L	Structure above	14/05/2008 - Retaining Wall ---PREVIOUS--- Wing wall - WD on ramp PBR to E/B	Soil	33	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
58894	167	150	0.205	A	L	Bridge abutment	?	Soil	28	ARL4
58895	167	190	0.025	A	L	Bridge abutment	?	Rock	27	ARL4
58896	167	190	0.226	A	L	Bridge abutment	?	Soil	50	ARL3
58897	167	391	0.196	A	L	Bridge abutment	?	Soil	13	ARL5
58898	167	480	0.077	B	L	Bridge abutment	?	Soil	93	ARL4
58899	167	480	0.170	B	L	Fill	?	Soil	80	ARL4
58900	167	510	0.109	B	L	Fill	?	Soil	29	ARL4
58901	167	510	0.138	B	L	Bridge abutment	?	Soil	30	ARL4
58955	167	510	0.157	C	R	Fill	?	Soil	9	ARL4
58956	167	510	0.130	C	R	Bridge abutment	?	Soil	27	ARL4
58957	167	510	0.116	C	R	Fill	?	Soil	14	ARL4
58958	167	480	0.166	C	R	Fill	?	Soil	65	ARL4
58959	167	480	0.076	C	R	Bridge abutment	?	Soil	90	ARL3
58960	167	480	0.063	C	R	Fill	?	Soil	13	ARL5
58961	167	391	0.201	A	R	Bridge abutment	?	Both rock and soil	8	ARL4
58962	167	190	0.215	A	R	Bridge abutment	?	Soil	62	ARL4
58963	167	190	0.022	A	R	Bridge abutment	?	Rock	29	ARL4
58964	167	150	0.199	A	R	Bridge abutment	22/05/2007 - West abutment, cut slope	Rock	25	ARL4
58965	167	10	0.009	A	R	Structure above	?	Soil	52	ARL5
46648	168	10	0.216	B	L	Fill	s/f, BrOv Cook's River	Soil	123	ARL4
46649	168	50	0.162	A	L	Bridge abutment	BrOv Rlwy	Rock	22	ARL4
46650	168	160	0.129	A	L	Fill	s/f, opp Gloucester Rd	Soil	108	ARL5
47683	168	210	0.445	C	R	Fill	s/f, cnr Jacques Av	Soil	124	ARL3
47684	168	50	0.150	A	R	Bridge abutment	BrOv Rlwy, cnr Firth St	Rock	20	ARL4
47685	168	10	0.620	C	R	Structure above	R/W, No.24A	Soil	45	ARL3

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
47686	168	10	0.209	C	R	Fill	s/f, sign: Syd Airport	Soil	170	ARL4
47687	168	10	0.194	C	R	Bridge abutment	BrOv Cook's River	Soil	15	ARL4
19602	169	30	0.065	A	L	Fill	fill & R/W, cnr Princes Hwy	Soil	51	ARL4
19603	169	30	0.156	A	L	Fill	fill on cut	Soil	6	ARL5
19604	169	30	0.162	A	L	Bridge abutment	BrOv rlwy Rockdale	Soil	26	ARL4
19605	169	30	0.188	A	L	Fill	fill & R/W	Soil	22	ARL4
19606	169	70	0.674	A	L	Cut	s/c, No.37, cnr Kingsland Rd S	Both rock and soil	19	ARL5
19607	169	70	0.855	A	L	Bridge abutment	Bardwell Ck	Soil	27	ARL4
19608	169	80	0.135	A	L	Cut	steeper cut, No.355 Cuts and R/W's on property frontages	Rock	93	ARL4
19609	169	110	0.036	A	L	Structure above	conc. blk. wall	Soil	27	ARL5
19610	169	110	0.063	A	L	Bridge abutment	BrOv rlwy, Bexley North	Soil	32	ARL5
19611	169	130	0.561	A	L	Bridge abutment	BrOv drain, cnr Viccliffe Av	Soil	9	ARL4
19735	169	130	0.562	A	R	Bridge abutment	BrOv drain	Soil	9	ARL5
19736	169	110	0.062	A	R	Bridge abutment	BrOv rlwy, Bexley North	Both rock and soil	40	ARL5
19737	169	80	0.014	A	R	Fill	s/f	Soil	72	ARL4
19738	169	70	0.858	A	R	Bridge abutment	e/f, Bardwell Ck	Soil	17	ARL4
19739	169	70	0.655	A	R	Fill	s/f, cnr Veron Rd	Soil	203	ARL4
19740	169	70	0.511	A	R	Cut	cut & R/W, houses	Rock	60	ARL5
19741	169	30	0.190	A	R	Fill	s/f, fill on cut	Soil	8	ARL5
19742	169	30	0.158	A	R	Bridge abutment	BrOv rlwy, Rockdale	Soil	32	ARL4
19743	169	20	0.812	A	R	Cut	rock bolts s/c, No.58 Bay St	Rock	35	ARL3
19744	169	20	0.692	A	R	Cut	cut & R/W, s/c No.64	Rock	97	ARL5
16502	170	110	0.104	C	R	Structure above	s/w, Rlwy OvBr s/w-e/w WP131-132, [UBD(04)275Q8]	Soil	40	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
16503	170	30	0.045	C	R	Structure above	s/w, RE wall s/w-e/w WP137-138	Soil	143	ARL5
16504	170	20	0.517	C	R	Structure above	s/w, BrOv Rlwy s/w-e/w WP139-140	Soil	129	ARL5
16505	170	10	0.440	B	L	Fill	s/f s/f-e/f WP141-142	Soil	86	ARL5
16506	170	20	0.505	B	L	Structure above	s/w, RE wall s/w-e/w WP133-134	Soil	116	ARL4
16507	170	30	0.029	B	L	Structure above	s/w, BrOv Rlwy s/w-e/w WP135-136, RE wall	Soil	173	ARL5
16508	170	40	0.302	A	L	Fill	s/f, Banksmesdow Pk s/f-e/f WP156-157, series of sand bund, [UBD(04)296F2]	Soil	248	ARL5
16509	170	110	0.130	B	L	Structure above	s/w, Rlwy OvBr	Soil	56	ARL5
50545	170	280	0.333	C	R	Bridge abutment		Soil	85	ARL4
50546	170	85	0.139	C	R	Bridge abutment	North Abutment - Fill & Soil embankment adjacent Mill Pond	Soil	37	ARL4
50547	170	30	0.018	C	R	Bridge abutment	Sand fill embankment retained by RSW	Soil	27	ARL4
50548	170	20	0.624	B	L	Bridge abutment	Sand fill embankment retained by RSW	Soil	33	ARL4
50549	170	85	0.149	B	L	Bridge abutment	Clay fill embankment against Mill Pond	Soil	18	ARL5
50550	170	280	0.030	B	L	Structure below		Soil	132	ARL3
50551	170	280	0.304	B	L	Bridge abutment	Cut batter supported by RC & masonry retaining wall	Both rock and soil	40	ARL5
66759	170	280	0.120	B	L	Bridge abutment		?	45	
16705	171	70	0.271	C	R	Flat	s/c, median slope s/c-e/c WP158-159, median slope, opp Devitt PI	Soil	128	ARL5
16709	171	80	0.247	C	L	Cut	s/c, No.154-156 Banksia Court s/c-e/c WP160-161-162, 4m, 45o	Soil	81	ARL4
16710	171	90	0.210	C	L	Fill	s/f, cnr Westfield Dr s/f-e/f WP165-166, 4m, 35o	Soil	146	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
16711	171	210	0.482	C	L	Cut	s/c, No.21-23 The Terrace s/c-e/c WP163-164, cut & R/W, house on slope	Soil	11	ARL4
16712	171	230	0.207	C	L	Cut	s/c, steeper cut, Moore Pks/c-e/c WP169-170, 400m from Dacey Av	Soil	111	ARL5
19767	172	80	0.035	B	L	Structure above	Concrete retaining wall s/w, cnr Ocean St	Soil	134	ARL4
19768	172	90	0.090	B	L	Cut	cut & R/W	Both rock and soil	73	ARL4
19769	172	90	0.202	B	L	Structure above	RE wall s/w	Soil	292	ARL4
19770	172	90	0.494	B	L	Bridge abutment	Bridge abutment Vernon St	Soil	449	ARL5
19771	172	90	0.943	B	L	Structure above	RE wall, Adelaide St	Soil	129	ARL4
19804	172	90	0.941	C	R	Structure above	R/E wall, cnr Old South Head Rd	Soil	120	ARL4
19805	172	90	0.480	C	R	Bridge abutment	Bridge abutment adjacent to Adelaide St, Bondi Junction	Soil	461	ARL5
19806	172	90	0.221	C	R	Fill	RE wall, Vernon St	Soil	259	ARL4
19807	172	90	0.067	C	R	Structure above	R/W & cut	Both rock and soil	154	ARL4
50263	172	70	0.081	C	R	Structure below	2m high embankment supported by sandstone block retaining wall	Soil	73	ARL5
66758	172	70	0.080	C	R	Bridge abutment		?	40	
20016	173	255	0.110	A	R	Cut	cut & series of R/W	Rock	140	ARL5
20017	173	250	0.084	A	R	Cut	cut & series of R/W	Man made eg concrete	332	ARL4
20018	173	240	0.640	A	R	Cut	cut & series of R/W	Man made eg concrete	155	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
20019	173	240	0.371	A	R	Cut	cut & series of R/W	Man made eg concrete	227	ARL3
20020	173	240	0.262	A	R	Cut	cut & R/W	Man made eg concrete	41	ARL5
20021	173	200	0.071	A	R	Cut	cut & R/W	Man made eg concrete	108	ARL5
20022	173	180	0.051	A	R	Cut	Cranebrook Sch	Man made eg concrete	153	ARL4
20023	173	160	0.213	C	R	Cut	cut & R/W	Man made eg concrete	385	ARL5
20024	173	160	0.058	C	R	Cut	cut & R/W	Man made eg concrete	68	ARL4
20025	173	100	0.136	A	R	Cut	150m to Ocean Av	Rock	48	ARL5
20026	173	40	0.002	C	L	Cut	LHS Craigend St - RW	Man made eg concrete	85	ARL5
20027	173	20	0.366	C	R	Structure above	Kings Cross Tunnel	Man made eg concrete	277	ARL5
20028	173	20	0.282	C	R	Cut	R/W	Man made eg concrete	84	ARL5
24296	173	20	0.306	B	L	Structure above	R/W	Soil	62	ARL5
24297	173	30	0.000	B	L	Structure above	Kings Cross Tunnel	Soil	266	ARL5

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
24298	173	40	0.000	B	L	Cut	s/c, adjoins tunnel	Soil	97	ARL5
24299	173	80	0.177	B	L	Cut	cut & R/W	Soil	25	ARL5
24300	173	170	0.339	A	L	Fill	fill & R/W	Soil	70	ARL5
24301	173	190	0.027	A	L	Structure above	R/W & cut, cnr Wolseley Rd	Soil	120	ARL4
24302	173	240	0.577	A	L	Fill	Fill with Retaining wall	Both rock and soil	209	ARL5
24303	173	250	0.148	A	L	Fill	Fill over sandstone cut	Soil	141	ARL4
24304	173	250	0.420	A	L	Fill	Fill embankment	Soil	115	ARL4
24305	173	255	0.035	A	L	Fill	fill & natural slope below	Both rock and soil	269	ARL3
52449	183	5	0.607	A	L	Cut	Masonry wall retaining slopes, with residential properties above crest	Soil	69	ARL3
52450	183	30	0.181	B	L	Fill	s/f and concrete wall. Residential units and electricity sub-station below.	Soil	167	ARL2
52451	183	100	0.378	A	L	Fill	Soil fill embankment	Soil	74	ARL5
52452	183	105	0.001	A	L	Bridge abutment	Alexandra Canal (1937 construction)	Soil	79	ARL4
52487	183	105	0.077	A	R	Fill	Soil fill embankment	Soil	49	ARL5
52488	183	100	0.447	A	R	Bridge abutment	Alexandra Canal (1937 construction)	Soil	81	ARL5
52489	183	100	0.394	A	R	Fill	Soil fill embankment	Soil	53	ARL4
52490	183	30	0.454	C	R	Fill	?	Soil	24	ARL2
20205	190	1310	0.036	C	R	Bridge abutment	Sandstone block faced fill abutment	Soil	55	ARL5
20206	190	1310	0.041	B	L	Bridge abutment	Sandstone block faced fill abutment	Soil	49	ARL5
43099	190	235	0.148	A	L	Cut	Cut up to 3m high in sandstone	Rock	216	ARL3
43100	190	235	0.814	A	L	Cut	Cut in sandstone up to 4.5m high	Rock	349	ARL3
43101	190	250	0.191	A	L	Cut	Cut in sandstone up to 4m high	Rock	393	ARL3
43102	190	250	0.848	A	L	Cut	Cut in sandstone up to 2.5 m high	Rock	119	ARL4
43103	190	270	1.058	A	L	Cut	Cut in sandstone up to 13m high	Rock	315	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
43104	190	270	1.479	A	L	Cut	Cut in sandstone up to 18m high	Rock	205	ARL3
43105	190	285	0.439	B	L	Cut	Cut in sandstone up to 20m high	Rock	186	ARL3
43106	190	310	0.335	B	L	Cut	Cut in sandstone up to 12m high	Rock	257	ARL4
43107	190	310	0.638	B	L	Fill	Sandstone boulder armoured fill embankment below road	Soil	116	ARL5
43108	190	310	0.754	B	L	Bridge abutment	Sandstone armoured fill embankment	Soil	99	ARL5
43109	190	330	0.034	B	L	Cut	Cut with mortared sandstone wall above	Rock	219	ARL3
43110	190	1080	0.014	B	L	Cut	Cut with masonry RWs facing between carriageways	Rock	204	ARL4
43111	190	1170	0.512	B	L	Cut	Basement excavation adjacent to road	Rock	233	ARL4
43112	190	1210	0.550	B	L	Fill	Potts Hill Reservoir embankment	Soil	597	ARL5
43123	190	1065	0.000	C	R	Fill	Fill embankment up to 11m high	Soil	174	ARL4
43124	190	330	0.000	C	R	Cut	Cut in crib walls and Mortared stone walls above	Rock	382	ARL5
43125	190	250	0.471	A	R	Cut	Cut in sandstone up to 3.5m high	Rock	134	ARL4
89949	190	285	0.432	C	R	Fill	Fill Batter with rock armour	?	357	
58780	193	40	0.015	A	L	Bridge abutment	?	Soil	26	ARL4
58781	193	50	0.414	A	L	Bridge abutment	?	Soil	40	ARL4
59002	193	40	0.015	A	R	Bridge abutment	?	Both rock and soil	26	ARL4
59003	193	50	0.414	A	R	Bridge abutment	?	Soil	40	ARL4
44251	194	190	0.036	C	R	Structure above	09/05/2008 - Retaining wall ---PREVIOUS--- R/W, cnr goods rlwy	Soil	35	ARL3
44252	194	145	0.558	C	R	Structure below	09/05/2008 - Culvert --- PREVIOUS--- R/W, below Br. cnr Mill Pond Rd	Both rock and soil	54	ARL3

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
44253	194	145	0.442	C	R	Structure above	s/w, 100m fr. Mill Pond Rd	Soil	15	ARL5
44254	194	145	0.081	C	R	Flat	R/W RHS	Soil	246	ARL5
44255	194	130	0.053	C	R	Fill	LHS fill, RHS fill & crib wall	Soil	176	ARL3
44256	194	120	0.438	C	R	Bridge abutment	07/05/2008 - Bridge abutment --- PREVIOUS--- BrOv Foreshore Rd (SouthBound)	Soil	59	ARL4
44257	194	120	0.168	C	R	Fill	08/05/2008 - Crib wall - --PREVIOUS--- LHS crib wall, RHS crib wall	Soil	284	ARL3
44258	194	115	0.758	C	R	Fill	fill on cut, Airport Tunnel	Soil	24	ARL4
44259	194	115	0.222	C	R	Structure above	R/W, portal	Soil	547	ARL5
44260	194	115	0.028	C	R	Structure above	R/W, adjoins portal	Soil	194	ARL4
44261	194	100	1.023	C	R	Structure above	R/W supporting M5, LHS & RHS	Soil	81	ARL5
44262	194	100	0.763	C	R	Fill	06/05/2008 - Embankment --- PREVIOUS--- s/f, cnr Kyeenagh Av	Soil	150	ARL4
44263	194	100	0.616	C	R	Bridge abutment	Cook's River	Soil	147	ARL5
44264	194	100	0.604	C	R	Fill	Adjoining Br abut	Soil	6	ARL5
44910	194	300	0.121	B	R	Fill	02/05/2008 - Median strip/Traffic island	Soil	35	ARL4
44911	194	300	0.118	C	L	Fill	02/05/2008 - Traffic island	Soil	35	ARL4
44912	194	300	0.107	C	R	Fill		Soil	51	ARL5
44913	194	145	0.040	U	R	Fill		Soil	221	ARL4
46543	194	25	0.017	A	L	Structure above	05/05/2008 - Retaining wall ---PREVIOUS--- Start at Rocky Point Rd (MR199)	Soil	35	ARL5
46544	194	25	0.433	A	L	Structure above	culvert, Bado-Berrong Ck	Soil	3	ARL5
46545	194	95	0.009	B	L	Structure above	06/05/2008 - Bay St. - Princess St.	Soil	89	ARL4
46546	194	100	0.605	B	L	Bridge abutment	BrOv Cook's River	Soil	173	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
46547	194	100	1.031	B	L	Structure above	06/05/2008 - Anchored panel retaining wall --- PREVIOUS--- R/W RHS	Soil	89	ARL4
46548	194	115	0.068	B	L	Structure above	R/W	Soil	156	ARL4
46549	194	115	0.224	B	L	Structure above	Airport Tunnel	Soil	550	ARL4
46550	194	115	0.774	B	L	Fill	fill adjoins tunnel portal	Soil	60	ARL4
46551	194	115	1.285	B	L	Flat	28/10/2010 - RHS crib wall ---PREVIOUS--- RHS crib wall above road	Soil	294	ARL5
46552	194	130	0.015	B	L	Fill	02/05/2008 - Embankment --- PREVIOUS--- LHS fill & RHS R/W & fill	Soil	204	ARL4
46553	194	130	0.219	B	L	Fill	09/05/2008 - Embankment --- PREVIOUS--- LHS fill continues / RHS e/f	Soil	220	ARL5
46554	194	145	0.012	B	L	Structure above	09/05/2008 - s/w LHS & s/w RHS --- PREVIOUS--- s/w LHS & s/w RHS	Soil	194	ARL4
46555	194	180	0.207	B	L	Cut	s/c	Soil	258	ARL4
46566	194	145	0.025	U	R	Bridge abutment	BrOv Mill Pond	Soil	69	ARL4
46567	194	145	0.025	U	L	Bridge abutment	BrOv Mill Pond	Soil	69	ARL4
46568	194	130	0.097	C	L	Fill	02/05/2008 - Fill embankment --- PREVIOUS--- Bridge approach (Foreshore Rd)	Soil	9	ARL4
46569	194	145	0.116	U	L	Fill	?	Soil	16	ARL5
46570	194	145	0.137	U	L	Structure above	07/05/2008 - Gabion wall and anchored retaining wall --- PREVIOUS--- BrOv culvert	Soil	124	ARL2
46571	194	145	0.261	U	L	Structure above	Anchored R/W & Gabion	Soil	142	ARL3
46577	194	120	0.137	S	L	Flat	s/w RHS	Soil	243	ARL4
46578	194	120	0.386	S	L	Structure above	08/05/2010 - Fill to RHS of crib wall --- PREVIOUS--- Crib wall RHS	Soil	73	ARL5

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
20122	199	40	1.601	C	R	Fill	Fill embankment at Rocky Point (5th band)	Soil	181	ARL5
20123	199	40	1.086	C	R	Bridge abutment	Georges River (Captain Cook Bridge)	Both rock and soil	515	ARL5
20124	199	40	1.030	C	R	Fill	Fill embankment at Taren Point Near Captain Cook Bridge	Soil	56	ARL5
20125	199	40	0.798	C	R	Cut	Cut near Woodlands Road Bridge, Southbound	Rock	123	ARL5
20126	199	40	0.779	C	R	Bridge abutment	OvBr [UBD(04)314E10]	Both rock and soil	19	ARL5
20127	199	40	0.652	C	R	Cut	cut continues	Rock	127	ARL5
20128	199	40	0.275	C	R	Fill	s/f, crib wall	Soil	377	ARL5
20129	199	40	0.063	C	R	Cut	Cut near Corner Toorak Ave	Rock	212	ARL4
20130	199	40	0.131	B	L	Cut	100m from Holt Rd	Rock	135	ARL5
20131	199	40	0.626	B	L	Cut	Cut at woodlands Rd	Rock	163	ARL5
20132	199	40	0.789	B	L	Bridge abutment	OvBr [UBD(04)314E10]	Both rock and soil	21	ARL5
20133	199	40	0.810	B	L	Cut	cut continues	Both rock and soil	157	ARL5
20134	199	40	1.014	B	L	Fill	Fill near LHS southern abutment of Captain Cooks Bridge	Soil	90	ARL5
20135	199	40	1.104	B	L	Bridge abutment	George's River (Captain Cook bridge)	Both rock and soil	500	ARL5
20136	199	40	1.604	B	L	Fill	s/f, LHS Sans Souci Park	Soil	100	ARL5
46991	200	265	0.375	B	L	Fill	?	Soil	55	ARL4
46992	200	265	0.430	B	L	Bridge abutment	BrOv rlwy	Soil	53	ARL5
46993	200	265	0.483	B	L	Fill	fill + BrOv private Rd	Soil	77	ARL4
46999	200	285	0.250	D	L	Fill	s/f RHS slip rd to Centenary Dr	Soil	229	ARL3

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
47009	200	295	0.101	E	L	Cut	11/07/2007 - s/c, L/T from P'matta Rd, low cut in XW or residual shale ---PREVIOUS--- s/c, L/T from P'matta Rd	Soil	177	ARL4
47010	200	285	0.010	G	L	Cut	s/c 50m from Kerrush Av	Rock	56	ARL4
47034	200	285	0.003	F	R	Fill		Soil	58	ARL3
47035	200	295	0.030	U	L	Fill		Soil	87	ARL4
49581	200	285	0.000	S	R	Fill		Rock	75	ARL4
61035	200	65	0.028	B	L	Bridge abutment	BrOv rlwy	Both rock and soil	32	ARL4
61036	200	90	0.019	B	L	Bridge abutment	BrOv rlwy, Beverly Hills	Both rock and soil	31	ARL4
61037	200	100	0.457	B	L	Bridge abutment	BrOv M5, Bridge abutments	Soil	31	ARL3
61038	200	160	0.018	B	L	Bridge abutment	Rlwy Stn, Wiley Pk	Rock	31	ARL3
61039	200	235	0.009	B	L	Fill	foill & RE wall	Soil	255	ARL3
61040	200	235	0.264	B	L	Bridge abutment	BrOv Hume Hwy	Soil	194	ARL4
61041	200	235	0.458	B	L	Fill	fill & RE wall adjoin Br abut	Soil	178	ARL4
61042	200	245	0.179	B	L	Fill	LHS Rlwy embankment	Both rock and soil	494	ARL4
61043	200	245	1.200	B	L	Fill	s/f, rlwy embankment	Soil	312	ARL5
61044	200	265	0.306	B	L	Fill	?	Soil	124	ARL4
61045	200	265	0.430	B	L	Bridge abutment	BrOv The Crescent & rlwy	Soil	89	ARL4
61046	200	285	0.143	B	L	Fill	?	Soil	400	ARL4
61047	200	295	0.124	B	L	Bridge abutment	BrOv P'matta Rd	Soil	73	ARL3
61583	200	295	0.096	C	R	Bridge abutment	BrOv P'matta Rd	Soil	58	ARL3
61584	200	285	0.239	C	R	Fill	ped underpass below	Soil	16	ARL4
61585	200	265	0.431	C	R	Bridge abutment	BrOv rlwy, Flemington	Soil	83	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
61586	200	265	0.315	C	R	Fill	s/f, The Crescent, Flemington	Soil	116	ARL4
61587	200	265	0.069	C	R	Fill	noise wall on fill	Soil	246	ARL5
61588	200	245	0.267	C	R	Bridge abutment	BrOv creek	Soil	16	ARL3
61589	200	235	0.501	C	R	Fill	fill & R/W	Soil	266	ARL4
61590	200	235	0.319	C	R	Bridge abutment	BrOv Hume Hwy & Rlwy	Soil	182	ARL3
61591	200	228	0.600	C	R	Fill	RSW over small cut, Hwy 3 over Hume Hwy	Both rock and soil	371	ARL3
61592	200	228	0.418	C	R	Structure above	opp Rebecca Rd	Soil	12	ARL5
61593	200	160	0.011	C	R	Bridge abutment	BrOv rlwy, Wiley Pk	Rock	30	ARL4
61594	200	150	0.088	C	R	Cut	R/W, Wiley Park	Soil	118	ARL5
61595	200	90	0.017	C	R	Bridge abutment	BrOv rlwy, Beverly Hills	Both rock and soil	34	ARL4
61596	200	65	0.013	B	R	Bridge abutment	BrOv rlwy, cnr Bridge St	Rock	36	ARL4
61597	200	50	0.357	A	R	Cut	sst blk wall	Rock	75	ARL4
61598	200	50	0.123	A	R	Cut	sst blk wall	Rock	105	ARL3
61599	200	50	0.019	A	R	Fill	s/f, cnr Greenbank St	Soil	82	ARL4
66763	200	235	0.030	R	R	Structure above	200_P Offload ramp to Hume Hwy, RHS	?	254	
66764	200	235	0.305	S	L	Slope below	200_C Onload ramp from Hume Hwy, LHS	?	86	
66765	200	235	0.130	S	R	Structure above	200_C Onload ramp from Hume Hwy, RHS	?	173	
66766	200	245	0.023	T	L	Fill	200_C Onload ramp from Hume Hwy, LHS	?	237	
66767	200	245	0.055	T	R	Structure above	200_C Onload ramp from Hume Hwy, RHS	?	237	
66768	200	245	0.044	U	R	Structure above	200_C Offload ramp to Hume Hwy, RHS	?	276	
66769	200	295	0.103	E	R	Fill	200_P Loop Rd from P'matta Rd to Marlborough Rd, RHS	?	171	
66770	200	285	0.016	G	R	Fill	200_P Loop Rd from P'matta Rd to Marlborough Rd, RHS	?	137	

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
66771	200	285	0.106	G	R	Bridge abutment	200_P Loop Rd from P'matta Rd to Marlborough Rd, RHS	?	67	
66772	200	285	0.173	G	R	Fill	200_P Loop Rd from P'matta Rd to Marlborough Rd, RHS	?	126	
18528	227	50	0.180	C	R	Bridge abutment	Bridge over railway cut	Rock	15	ARL3
18529	227	10	0.799	C	R	Bridge abutment	Bridge over railway cut	Rock	26	ARL3
18530	227	10	0.761	B	L	Bridge abutment	BrOv Rlwy Cut, Woolooware	Rock	20	ARL3
18531	227	50	0.184	B	L	Bridge abutment	Bridge over railway cut	Rock	29	ARL3
18532	227	50	0.514	B	R	Fill	Low median	Soil	227	ARL5
20347	309	20	0.014	B	L	Bridge abutment	25/07/2007 - BrOv Duck Ck / bridge abutment --- PREVIOUS--- BrOv Duck Ck	Soil	26	ARL3
20348	309	31	0.027	B	L	Fill	27/08/2007 - Fill, s/f adjacent to RTA compound	Soil	67	ARL4
60699	309	31	0.026	C	R	Fill	27/08/2007 - fill & RE WALL ---PREVIOUS--- fill & R/W	Soil	151	ARL4
60700	309	20	0.014	C	R	Bridge abutment	25/07/2007 - Bride abutment.- BrOv Duck Ck ---PREVIOUS--- BrOv Duck Ck	Soil	25	ARL3
58834	327	40	0.537	C	R	Structure above	15/10/2007 - Brickwall	Both rock and soil	13	ARL4
58835	327	40	0.468	C	R	Structure above	15/10/2007 - Brick wall	Soil	28	ARL3
52509	330	120	0.015	A	L	Bridge abutment	Railway Line at Regent St (MR170)	Both rock and soil	37	ARL5
52525	330	100	0.112	A	R	Bridge abutment	Railway Line at Regent St (MR170)	Rock	45	ARL4
20443	339	80	0.287	A	R	Structure above	Sandstone block RW supporting road	Both rock and soil	44	ARL5
20444	339	70	0.910	A	R	Structure above	Masonry RW above road	Soil	18	ARL5

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
20445	339	50	0.045	A	R	Structure above	Masonry RW below road	Soil	26	ARL5
20446	339	30	0.335	A	R	Cut	Sandstone Block wall	Rock	86	ARL5
20447	339	30	0.445	A	L	Structure above	Masonry RW	Soil	32	ARL5
20448	339	80	0.507	A	L	Cut	RW above road	Soil	18	ARL5
52579	344	30	0.511	C	R	Fill	?	Soil	159	ARL3
19518	393	30	3.648	A	R	Cut	New Slope (13688A)	?	178	ARL4
19519	393	30	3.826	A	R	Cut	New Slope (13688B)	?	227	ARL4
19520	393	30	4.282	A	R	Cut	Cut in EW - HW Sandstone + Colluvium	Rock	153	ARL3
19521	393	30	4.741	A	R	Cut	16/01/2013 - New Slope (13688D) - WEATHERED SANDSTONE CUTTING --- PREVIOUS--- New Slope (13688D) - Weathered sandstone cutting	Both rock and soil	105	ARL2
19522	393	30	5.398	A	R	Cut	Cit in highly weathered sandstone	Rock	244	ARL3
19523	393	30	6.246	A	R	Cut	Cut in weathered sandstone	Both rock and soil	92	ARL4
19524	393	30	5.911	A	R	Cut	16/01/2013 - CUT IN HIGHLY WEATHERED SANDSTONE UP TO 6M HIGH --- PREVIOUS--- Cut in highly weathered sandstone up to 6m high	Rock	239	ARL2
19525	393	30	5.642	A	R	Cut	28/11/2006 - CUTTING IN WEATHERED SANDSTONE --- PREVIOUS--- New Slope (13688F)	Both rock and soil	125	ARL4
83720	393	91	0.800	A	R	Fill	11/07/2008 - Embankment with drystone block wall --	Both rock and soil	386	ARL3
83721	393	91	0.349	A	R	Fill	30/07/2008 - EMBANKMENT CONTAINING DRYSTONE BLOCK WALL -	Soil	451	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
83722	393	91	0.051	A	R	Cut	14/08/2008 - LOW CUTS WITH SANDSTONE AND LATERITE DRYSTONE WALLS ABOVE -	Both rock and soil	211	ARL3
83723	393	60	9.880	A	R	Cut	14/08/2008 - SANDSTONE CUT WITH NATURAL SLOPES AND CLIFFS ABOVE -	Rock	146	ARL3
83724	393	60	9.810	A	R	Cut	14/08/2008 - Cut with natural slopes and overhangs	Rock	70	ARL3
83725	393	60	9.550	A	R	Cut	15/08/2008 - LOW CUT IN SANDSTONE UP TO 3M HIGH --	Rock	140	ARL3
83726	393	60	9.200	A	R	Cut	Cut in sandstone & colluvium	Both rock and soil	220	ARL2
83727	393	60	8.840	A	R	Cut	16/09/2008 - CUT UP TO 4M HIGH WITH NATURAL SLOPES ABOVE	Rock	360	ARL3
83728	393	60	3.420	A	R	Cut	02/08/2011 - Rock cutting below sandstone plateau --- PREVIOUS--- 16/09/2008 - Rock and soil slope up to 5m high.	Rock	180	ARL4
83729	393	60	3.350	A	R	Cut	17/09/2008 - Rock and soil slope up to 5m high.	Both rock and soil	70	ARL3
83730	393	60	3.108	A	R	Bridge abutment	17/09/2008 - Block wall bridge abutment (West side) -	Soil	33	ARL4
83731	393	60	2.951	A	R	Bridge abutment	17/09/2008 - SANDSTONE BLOCK WALL BRIDGE ABUTMENTS	Soil	43	ARL4
83732	393	40	2.750	A	R	Cut	17/09/2008 - SMALL CUT IN SANDSTONE UP TO 2.8M HIGH	Rock	60	ARL5
83733	393	40	2.280	A	R	Cut	17/09/2008 - Soil and rock cutting up to 3m. -	Both rock and soil	80	ARL3

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
83734	393	40	2.140	A	R	Cut	17/09/2008 - Soil and rock cutting 3m high. -	Both rock and soil	60	ARL4
83735	393	40	2.000	A	R	Cut	Soil & rock cutting up to 3.5m high	Both rock and soil	90	ARL2
83736	393	40	1.690	A	R	Cut	18/09/2008 - CUT IN COLLUVIUM AND SANDSTONE UP TO 4M HIGH	Both rock and soil	120	ARL3
83737	393	40	1.427	A	R	Cut	18/09/2008 - Rock cutting 2m-7m high --	Rock	263	ARL3
83738	393	40	1.050	A	R	Cut	Cut in sandstone and colluvium up to 4m high	Both rock and soil	310	ARL2
83739	393	40	0.820	A	R	Cut	5m high soil & rock cutting	Both rock and soil	230	ARL2
83740	393	40	0.670	A	R	Cut	?	?	76	
83741	393	40	0.516	A	R	Cut	19/09/2008 - Low cut in colluvium and HW sandstone	Both rock and soil	230	ARL3
83742	393	40	0.100	A	R	Cut	Vertical rock cut to 7m, soil slopes 50'-8m	Both rock and soil	170	ARL2
83743	393	210	0.014	A	R	Bridge abutment	29/07/2008 - BRIDGE ABUTMENTS FOR RAILWAY OVERBRIDGE --	Rock	30	ARL5
83744	393	200	3.930	A	R	Cut	29/07/2008 - CUT IN SANDSTONE UP TO 3.5M HIGH	Rock	160	ARL4
83745	393	200	3.790	A	R	Fill	08/10/2008 - Fill embankment up to 5m high, pavement deformation	Soil	140	ARL3
83746	393	200	3.650	A	R	Fill	25/09/2008 - Embankment up to 4m high with tension cracks in pavement	Soil	90	ARL3
83747	393	200	3.540	A	R	Fill	25/09/2008 - Fill embankment up to 5m high with stone culvert	Soil	57	ARL5

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
83748	393	200	3.380	A	R	Fill	25/09/2008 - Embankment up to 4m high above creek --	Soil	70	ARL5
83749	393	200	3.270	A	R	Fill	24/09/2008 - EMBANKMENT AND DRYSTONE WALL UP TO 3.2M HIGH --	Soil	60	ARL4
83750	393	200	3.200	A	R	Fill	24/09/2008 - FILL EMBANKMENT UP TO 3M HIGH WITH STONE CULVERT -	Soil	40	ARL4
83751	393	200	1.525	A	R	Fill	Embankment & drystone walls up to 4m high	Soil	241	ARL2
83752	393	200	1.312	A	R	Fill	23/09/2008 - Fill embankment up to 4m high with pavement deformation	Soil	213	ARL3
83753	393	200	0.820	A	R	Fill	23/09/2008 - FILL EMBANKMENT UP TO 3M HIGH	Soil	80	ARL5
83754	393	200	0.580	A	R	Fill	22/09/2008 - EMBANKMENT UP TO 5M HIGH WITH PAVEMENT DEFORMATION --	Soil	100	ARL3
83755	393	200	0.290	A	R	Fill	22/09/2008 - 4m high soil embankment. -	Soil	253	ARL3
83756	393	200	0.011	A	R	Bridge abutment	Joan Holland Bridge	Both rock and soil	44	ARL5
83757	393	40	0.039	A	L	Fill	22/09/2008 - EMBANKMENT UP TO 4M HIGH WITH PAVEMENT DEFORMATIONS -	Soil	211	ARL3
83758	393	40	0.870	A	L	Fill	19/09/2008 - Soil and rock fill embankment 3m-4m high.	Both rock and soil	150	ARL3
83759	393	40	1.060	A	L	Fill	19/09/2008 - EMBANKMENT UP TO 4M HIGH WITH PAVEMENT DEFORMATION	Soil	320	ARL3
83760	393	40	1.480	A	L	Fill	18/09/2008 - STEEP EMBANKMENT WITH TENSION CRACKS	Soil	170	ARL3

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
83761	393	40	1.650	A	L	Fill	19/09/2008 - Gabion supported embankment 7m high	Both rock and soil	80	ARL3
83762	393	40	1.790	A	L	Fill	18/09/2008 - EMBANKMENT, 3M HIGH WITH TENSION CRACKS	Soil	120	ARL3
83763	393	40	1.940	A	L	Fill	18/09/2008 - 3.5m high soil and rock embankment.	Both rock and soil	70	ARL3
83764	393	40	2.070	A	L	Fill	17/09/2008 - EMBANKMENT UP TO 3M HIGH -	Soil	70	ARL4
83765	393	60	2.937	A	L	Bridge abutment	17/09/2008 - SANDSTONE BLOCK WALL ABUTMENTS	Soil	43	ARL4
83766	393	60	3.097	A	L	Bridge abutment	17/09/2008 - Block wall bridge abutment (East side)	Soil	38	ARL4
83767	393	60	3.420	A	L	Fill	16/09/2008 - Fill embankment up to 5m high. -	Both rock and soil	310	ARL4
83768	393	60	8.824	A	L	Fill	16/09/2008 - FILL EMBANKMENT UP TO 4M HIGH	Soil	256	ARL4
83769	393	60	9.420	A	L	Fill	15/08/2008 - Sandstone block wall up to 2m high --	Both rock and soil	50	ARL4
83770	393	91	0.040	A	L	Fill	14/08/2008 - Embankment containing sandstone and concrete retaining walls	Both rock and soil	130	ARL4
83771	393	91	0.170	A	L	Fill	30/07/2008 - Embankment with short section of drystone wall	Soil	100	ARL4
83772	393	91	0.270	A	L	Cut	30/07/2008 - LOW CUT IN SANDSTONE WITH SMALL BLOCK WALLS ABOVE	Rock	70	ARL3
83773	393	91	0.350	A	L	Cut	Low cut in sandstone with natural slopes & cliffs above	Rock	360	ARL2

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
83774	393	91	0.880	A	L	Cut	02/08/2011 - Rock cutting with friable sandstone --- PREVIOUS--- 11/07/2008 - Cut in sandstone with rock outcrops above	Rock	340	ARL4
83775	393	200	0.000	A	L	Bridge abutment	Joan Holland Bridge	Soil	51	ARL4
83776	393	200	0.430	A	L	Cut	22/09/2008 - CUT IN COLLUVIUM UP TO 3.5M HIGH	Both rock and soil	110	ARL3
83777	393	200	0.540	A	L	Cut	22/09/2008 - CUT IN SANDSTONE AND COLLUVIUM UP TO 3M HIGH	Both rock and soil	240	ARL3
83778	393	200	1.000	A	L	Cut	23/09/2008 - Cut up to 3.5m high in colluvium and weathered rock. -	Both rock and soil	90	ARL4
83779	393	200	1.090	A	L	Slope above	23/09/2008 - Boulders on slope 40m-50m high.	Rock	90	ARL3
83780	393	200	1.180	A	L	Cut	23/09/2008 - 7m high shale cutting with boulders at crest. --	Both rock and soil	140	ARL3
83781	393	200	1.320	A	L	Slope above	23/09/2008 - Sandstone boulders on 40% slope above road.	Both rock and soil	160	ARL3
83782	393	200	1.480	A	L	Cut	Cut in sandstone with cliffs above up to 25m	Rock	140	ARL2
83783	393	200	1.620	A	L	Cut	24/09/2008 - CUT IN SANDSTONE UP TO 8M HIGH	Rock	80	ARL3
83784	393	200	3.240	A	L	Cut	24/09/2008 - Low cut in colluvium and sandstone	Rock	80	ARL4
83785	393	200	3.320	A	L	Cut	25/09/2008 - Low cut with outcrops above -	Rock	200	ARL4
83786	393	200	3.580	A	L	Cut	25/09/2008 - Cut in sandstone up to 3.5m high ---	Rock	40	ARL4
83787	393	200	3.640	A	L	Cut	08/10/2008 - Cut in EW-HW Sandstone up to 4m high with natural outcrops above --	Rock	80	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
83788	393	200	3.930	A	L	Cut	29/07/2008 - CUT IN SANDSTONE UP TO 4M HIGH	Rock	80	ARL3
83789	393	200	4.697	A	L	Bridge abutment	08/10/2008 - Bridge abutments for railway overbridge and Princes Highway	Both rock and soil	87	ARL5
43443	508	50	1.178	A	L	Cut	Old Slope 1969	Rock	119	ARL3
43444	508	50	1.161	A	R	Cut	Old Slope 1968	Rock	134	ARL3
45295	508	50	0.030	A	L	Cut	?	Rock	150	ARL3
45296	508	50	0.217	A	L	Cut	21/12/2006 - Natural slope above	Rock	293	ARL3
45297	508	50	0.710	A	L	Bridge abutment	Little Salt Pan Creek	Soil	50	ARL5
45298	508	50	0.791	A	L	Fill	?	Soil	366	ARL3
45299	508	50	1.397	A	L	Fill	?	Soil	20	ARL4
45300	508	60	1.759	A	L	Cut	21/12/2006 - Cut	Rock	147	ARL3
45301	508	60	2.122	A	L	Fill	3 cell culvert to George's River	Soil	15	ARL4
45302	508	60	2.244	A	L	Cut	Cut	Rock	66	ARL4
45303	508	80	2.706	A	L	Bridge abutment	M5 Motorway	Soil	60	ARL3
45424	508	110	0.657	A	R	Fill	Small Fill	Soil	53	ARL3
45425	508	80	2.709	A	R	Bridge abutment	M5 Motorway	Soil	65	ARL3
45426	508	80	0.207	A	R	Cut	15/12/2006 - Rock cut around 1.5m high	Rock	254	ARL4
45427	508	60	2.185	A	R	Cut	?	Rock	148	ARL4
45428	508	60	2.120	A	R	Fill	?	Soil	18	ARL5
45429	508	60	0.678	A	R	Cut	19/12/2006 - Small Cut - Small verge	Rock	163	ARL4
45430	508	60	0.385	A	R	Cut	?	Rock	80	ARL4
45431	508	60	0.137	A	R	Cut	?	Rock	199	ARL3
45432	508	50	0.814	A	R	Cut	16/12/2011 - Sandstone cutting, narrow shoulder, cliffs above	Rock	182	ARL3
45433	508	20	0.683	C	R	Cut	?	Rock	85	ARL4
78325	512	130	0.259	C	R	Bridge abutment	12/10/2007 - Bridge over Georges River / Bridge abutment	Soil	287	ARL3
78326	512	105	0.088	A	R	Fill	18/10/2007 - Fill and RE wall	Soil	289	ARL5

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
78327	512	90	0.521	A	R	Bridge abutment	18/10/2007 - Bridge abutment, M5 Motorway	Soil	52	ARL4
78328	512	90	0.293	A	R	Fill	11/10/2007 - RE Wall -	Soil	90	ARL4
78329	512	60	0.963	A	R	Fill	11/10/2007 - Fill --	Soil	135	ARL4
78330	512	60	0.921	A	R	Bridge abutment	11/10/2007 - East Hills to Glenfield Railway / Bridge abutment --- PREVIOUS--- East Hills to Glenfield Railway	Soil	42	ARL4
78331	512	60	0.849	A	R	Fill	Fill	Soil	72	ARL2
78332	512	40	1.053	A	R	Cut	01/11/2007 - Sandstone cut. -	Rock	114	ARL4
78333	512	40	0.332	A	R	Bridge abutment	04/10/2007 - Deadmans Creek / Bridge abutment ---	Soil	40	ARL4
78334	512	40	0.100	A	R	Cut	19/09/2011 - Fill embankment at intersection GWH and Coorwull Road --- PREVIOUS--- 03/10/2007 - Sandstone cut ---	Rock	181	ARL2
78335	512	20	3.415	A	R	Cut	31/10/2007 - Sandstone Cut, 1.8m high ---	Rock	50	ARL3
78336	512	20	3.105	A	R	Cut	30/10/2007 - Sandstone cut. -	Rock	109	ARL3
78337	512	20	2.990	A	R	Fill	30/10/2007 - Fill and stone toe wall. --	Soil	68	ARL3
78338	512	20	2.570	A	R	Structure below	30/10/2007 - Stonewall	Soil	135	ARL4
78339	512	20	2.561	A	R	Structure below	29/10/2007 - Stonewall	Both rock and soil	9	ARL4
78340	512	20	2.127	A	R	Cut	29/10/2007 - Sandstone cut	Rock	422	ARL3
78341	512	20	2.072	A	R	Slope above	22/10/2007 - Sandstone cut and natural slope.	Rock	55	ARL4
78342	512	20	1.849	A	R	Cut	22/10/2007 - Sandstone cut	Rock	223	ARL3
78343	512	20	1.597	A	R	Cut	22/10/2007 - Sandstone Cut	Rock	166	ARL3

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
78344	512	20	1.363	A	R	Cut	24/09/2007 - Sandstone cut -	Rock	187	ARL3
78345	512	20	1.284	A	R	Slope above	Natural slope	Rock	79	ARL2
78346	512	20	1.190	A	R	Cut	24/09/2007 - Sandstone cut -	Rock	94	ARL3
78347	512	20	0.883	A	R	Cut	25/09/2007 - Sandstone cut and dry stonewall --- PREVIOUS--- Sandstone cut & dry stonewall	Rock	245	ARL2
78348	512	20	0.471	A	R	Cut	21/09/2007 - Sandstone cut	Rock	231	ARL3
78349	512	20	0.257	A	R	Cut	21/09/2007 - Sandstone cut ---	Rock	130	ARL3
78350	512	20	0.420	A	L	Fill	21/09/2007 - Fill --	Soil	242	ARL3
78351	512	20	0.911	A	L	Cut	25/09/2007 - Sandstone cut --	Rock	204	ARL3
78352	512	20	1.546	A	L	Fill	25/09/2007 - Fill and toe wall -	Soil	44	ARL4
78353	512	20	2.246	A	L	Fill	29/10/2007 - Rock Fill	Both rock and soil	153	ARL3
78354	512	20	2.547	A	L	Structure below	29/10/2007 - Stonewall	Soil	150	ARL4
78355	512	20	2.697	A	L	Cut	30/10/2007 - Sandstone cut.	Rock	162	ARL3
78356	512	20	2.889	A	L	Cut	30/10/2007 - Sandstone cut. --	Rock	110	ARL3
78357	512	20	3.043	A	L	Cut	30/10/2007 - Sandstone cut, natural slope.	Rock	212	ARL3
78358	512	20	3.373	A	L	Cut	05/10/2011 - Sandstone cutting Heathcote Road ---	Rock	101	ARL3
78359	512	20	3.519	A	L	Cut	31/10/2007 - Colluvium, Natural slope --	Rock	86	ARL3
78360	512	20	3.741	A	L	Cut	27/09/2007 - Sandstone Cut --	Rock	218	ARL3
78361	512	20	4.041	A	L	Cut	02/08/2011 - Rock cutting with friable sandstone --- PREVIOUS--- Sandstone cut	Rock	221	ARL3

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
78362	512	20	4.269	A	L	Cut	Sandstone cut	Rock	209	ARL2
78363	512	20	4.543	A	L	Cut	02/10/2007 - Stacked boulder wall	Rock	122	ARL3
78364	512	30	9.243	A	L	Fill	03/10/2007 - Small fill	Soil	13	ARL4
78365	512	40	0.111	A	L	Cut	03/10/2007 - Sandstone cut --	Rock	62	ARL3
78366	512	40	0.320	A	L	Fill	03/10/2007 - Fill and revetment wall --	Soil	15	ARL3
78367	512	40	0.335	A	L	Bridge abutment	04/10/2007 - Deadmans Creek / Bridge abutment ---	Soil	39	ARL4
78368	512	40	0.606	A	L	Cut	Sandstone cut	Rock	183	ARL2
78369	512	40	0.848	A	L	Cut	01/11/2007 - Sandstone cut. --	Rock	298	ARL3
78370	512	60	0.857	A	L	Fill	04/10/2007 - Fill	Soil	83	ARL3
78371	512	60	0.940	A	L	Bridge abutment	11/10/2007 - Bridge abutment / RE wall - East Hills to Glenfield Railway ---PREVIOUS- -- East Hills to Glenfield Railway	Soil	33	ARL3
78372	512	60	0.973	A	L	Fill	11/10/2007 - Fill embankment	Both rock and soil	127	ARL3
78373	512	90	0.296	A	L	Fill	18/10/2007 - RE Wall	Soil	249	ARL4
78374	512	105	0.014	A	L	Bridge abutment	18/10/2007 - Bridge abutment, M5 Motorway / Heathcote Rd	Soil	49	ARL5
78375	512	105	0.122	A	L	Fill	18/10/2007 - Rewall and fill -	Soil	257	ARL4
78376	512	130	0.275	B	L	Bridge abutment	12/10/2007 - Bridge over Georges River / Bridge abutment	Soil	277	ARL3
18535	523	80	0.386	A	R	Structure above	Retaining wall below Road	Soil	35	ARL5
18536	523	80	0.251	A	R	Structure above	Retaining wall below Roadway	Soil	38	ARL5
18537	523	60	0.066	A	R	Structure above	Railway overbridge	Soil	8	ARL5
18538	523	60	0.057	A	L	Bridge abutment	Railway overbridge abutment	Soil	19	ARL5
18539	523	80	0.205	A	L	Structure above	Sandstone block retaining wall below road	Soil	34	ARL5

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
80478	528	10	0.142	A	L	Cut	15/10/2007 - Cut Slope	Soil	113	ARL4
80543	528	110	0.459	A	R	Fill	15/10/2007 - Fill --	Soil	45	ARL3
80544	528	110	0.089	A	R	Fill	15/10/2007 - Fill embankment --	Soil	252	ARL3
20493	549	150	1.256	A	R	Bridge abutment	Bridge over railway	Soil	39	ARL5
20494	549	150	1.221	A	R	Structure above	Concrete RW below Road	Soil	35	ARL5
20495	549	120	0.338	A	R	Cut	Shallow fill embankment	Soil	40	ARL5
20496	549	120	0.123	A	R	Bridge abutment	Bridge abutment	Both rock and soil	68	ARL5
20497	549	120	0.068	A	R	Fill	Fill embankment	Soil	55	ARL5
20498	549	120	0.043	A	R	Bridge abutment	Bridge over railway	Both rock and soil	25	ARL4
20499	549	120	0.019	A	R	Fill	Fill embankment	Soil	24	ARL5
20500	549	100	0.043	A	R	Bridge abutment	BrOv Cooks River	Both rock and soil	26	ARL4
20501	549	100	0.046	A	L	Bridge abutment	BrOv Cooks River	Both rock and soil	20	ARL4
20502	549	100	0.184	A	L	Cut	RW above Road	Soil	25	ARL5
20503	549	120	0.046	A	L	Bridge abutment	Bridge Over Railway	Both rock and soil	21	ARL4
20504	549	120	0.067	A	L	Fill	Flat area between railway cuttings	Soil	103	ARL5
20505	549	120	0.170	A	L	Bridge abutment	Bridge abutment	Both rock and soil	20	ARL5
20506	549	150	1.240	A	L	Structure above	Concrete RW below Road	Soil	4	ARL5
20507	549	150	1.244	A	L	Bridge abutment	Bridge over railway	Soil	48	ARL5
20508	549	150	1.292	A	L	Structure above	Concrete RW below Road	Soil	13	ARL5

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
20509	549	160	0.016	A	L	Structure above	Concrete RW below Road	Soil	11	ARL5
84139	592	165	0.013	B	R	Structure below	?	?	55	
84140	592	190	0.135	B	R	Structure above	?	?	52	
84141	592	190	0.187	B	R	Cut	?	?	160	
84142	592	190	0.347	B	R	Cut	?	?	221	
84157	592	190	0.248	C	R	Structure below	Start at beginning of Link 190 at Bradfield Hwy (MR632)	?	11	
84158	592	190	0.132	C	L	Structure below	?	?	92	
84159	592	170	0.119	C	R	Structure below	?	?	34	
84160	592	165	0.046	C	L	Structure below	?	?	101	
84161	592	160	0.512	C	R	Structure above	?	?	51	
84162	592	160	0.139	C	R	Structure above	?	?	373	
84163	592	160	0.001	C	R	Structure above	?	?	138	
84272	592	160	0.004	S	R	Structure below	Left Side	?	178	
84604	592	170	0.090	U	R	Structure below	Right Side	?	55	
84610	592	170	0.013	T	L	Structure below	Left Side	?	169	
84634	592	160	0.003	R	L	Structure below	Right Side	?	126	
84671	592	160	0.004	S	R	Structure below	e/w	?	134	
84672	592	170	0.000	U	R	Structure below		?	155	
84673	592	170	0.000	T	R	Structure below		?	13	
84906	592	190	0.134	C	R	Structure below	?	?	86	
84907	592	165	0.029	C	R	Structure below	?	?	87	
84979	592	160	0.005	B	L	Structure above	?	?	120	

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
84980	592	162	0.015	B	L	Structure above	?	?	360	
84981	592	162	0.375	B	L	Structure above	?	?	143	
84982	592	170	0.048	B	L	Structure below	?	?	43	
84983	592	180	0.008	A	L	Bridge abutment	?	?	10	
84984	592	190	0.135	B	L	Structure below	?	?	22	
84985	592	190	0.157	B	L	Cut	?	?	30	
84986	592	190	0.187	B	L	Cut	?	?	158	
84987	592	190	0.345	B	L	Cut	?	?	228	
84988	592	190	0.573	B	L	Structure above	?	?	28	
79000	593	1030	0.063	C	R	Fill	14/11/2007 - Fill and timber toe wall -	Soil	107	ARL5
79001	593	1020	1.391	C	R	Structure below	14/11/2007 - RE Wall	Soil	36	ARL4
79002	593	1020	0.538	C	R	Cut	13/11/2007 - RC Wall	Soil	350	ARL5
79003	593	950	0.186	C	R	Structure below	13/11/2007 - Cribwall	Soil	147	ARL3
79004	593	940	0.173	C	R	Structure below	01/11/2007 - RE Wall	Soil	113	ARL3
79005	593	940	0.004	C	R	Bridge abutment	01/11/2007 - Bridge abutment and RE Wall	Soil	169	ARL4
79006	593	930	0.894	C	R	Fill	Fill with sandstone boulder facing	Soil	214	ARL2
79007	593	930	0.015	C	R	Structure above	25/10/2007 - Fill and bridge abutment for railway.	Soil	32	ARL4
79008	593	930	0.001	C	R	Cut	25/10/2007 - Small Cut	Soil	14	ARL5
79009	593	900	0.190	C	R	Structure below	25/10/2007 - RE Wall	Soil	144	ARL4
79010	593	900	0.681	C	R	Structure below	31/10/2007 - RE Wall -	Soil	124	ARL4
79011	593	900	0.190	C	R	Structure below	25/10/2007 - RE Wall	Soil	138	ARL4
79012	593	900	0.068	B	L	Structure below	25/10/2007 - Fill and short RE Wall --	Soil	126	ARL4
79013	593	900	0.578	B	L	Structure below	30/11/2007 - RE Wall -	Soil	113	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
79014	593	930	0.911	B	L	Fill	01/11/2007 - Fill with sandstone boulder facing.	Soil	93	ARL3
79015	593	930	1.004	B	L	Bridge abutment	01/11/2007 - Bridge abutment ---	Soil	113	ARL4
79016	593	940	0.094	B	L	Structure below	02/11/2007 - RE Wall	Soil	137	ARL3
79017	593	950	0.122	B	L	Structure below	13/11/2007 - Cribwall -	Soil	623	ARL4
79018	593	1020	0.047	B	L	Structure above	13/11/2007 - Stone pitched facing / Fill above. -	Soil	18	ARL4
79019	593	1020	0.553	B	L	Structure above	14/11/2007 - High concrete Wall ---	Soil	426	ARL5
79020	593	1020	1.299	B	L	Fill	15/11/2007 - Fill embankment below carriageway ---	Soil	73	ARL4
79021	593	1020	1.372	B	L	Structure below	14/11/2007 - CRIBWALL ---	Soil	52	ARL3
79022	593	1030	0.063	B	L	Structure below	14/11/2007 - Cribwall	Soil	97	ARL3
79023	593	900	0.066	B	L	Structure below	25/10/2007 - RE Wall	Soil	128	ARL4
79024	593	900	0.578	B	L	Structure below	31/10/2007 - RE Wall	Soil	113	ARL4
86583	593	1020	0.460	B	L	Structure below	Cribwall below road	Both rock and soil	93	ARL4
86584	593	1020	1.067	C	R	Structure below	Cribwall below road	Both rock and soil	173	ARL3
18541	594	50	0.124	A	R	Bridge abutment	s/w, Rlwy BrOv Wattle St.	?	25	
18542	594	60	0.098	B	L	Cut	s/c LHS (Cut & tunnel LHS & RHS)	?	172	
16714	616	30	0.305	A	R	Fill	s/f, Beauchamp Rds/f-e/f WP138-A1, fill & R/W. [UBD(04)296J3]	Soil	155	ARL4
16718	616	10	0.308	A	L	Structure above	s/w, crib wall s/w-e/w, WP A4-A5	Soil	29	ARL3
16719	616	30	0.343	A	L	Fill	s/f s/f-e/f WP A2-A3	Soil	146	ARL4
50580	616	45	0.000	A	R	Bridge abutment		Soil	134	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
50581	616	45	0.134	A	L	Bridge abutment	Sand embankment supported by RC retaining walls	Soil	56	ARL5
21033	617	20	0.114	C	R	Bridge abutment	Bridge Abutment up to 3.5m high	Soil	10	ARL3
21034	617	20	0.088	C	R	Fill	Fill embankment up to 4.5m high	Soil	26	ARL5
21035	617	10	3.155	C	R	Bridge abutment	Bridge abutments at Mill pond up to 3.4m high	Soil	38	ARL5
24239	617	10	3.168	B	L	Bridge abutment	Bridge abutments at mill pond up to 3.4m high	Soil	32	ARL5
24240	617	20	0.037	B	L	Fill	Fill embankment up to 4.5m high	Soil	37	ARL5
24241	617	20	0.074	B	L	Bridge abutment	Bridge abutment	Soil	15	ARL3
47702	632	20	0.048	C	L	Structure above	s/w, R/W	?	127	
47703	632	20	0.175	C	L	Bridge abutment	BrOv Argyle St	?	16	
47704	632	20	0.191	C	L	Structure above	s/w, Br abut Argyle St	?	146	
47705	632	20	0.434	C	L	Bridge abutment	Cumberland St	?	281	
47706	632	30	0.385	C	L	Structure above	s/w, Milsons Pt Stn	?	316	
47707	632	40	0.165	C	L	Bridge abutment	Lavender St underpass	?	3	
49926	632	30	0.263	C	R	Structure above	Burton St underpass (arch br)	?	250	
49927	632	20	1.307	C	R	Bridge abutment	Fitzroy St	?	266	
49928	632	20	0.193	C	R	Structure above	R/W & fill	?	142	
49929	632	20	0.177	C	R	Bridge abutment	BrOv Argyle St	?	16	
49930	632	20	0.013	C	R	Structure above	s/w, Br abut Argyle St	?	164	
21052	640	35	0.104	B	L	Bridge abutment	Bridge over railway, villawood	Both rock and soil	77	ARL5
21054	640	100	0.970	B	L	Structure above	Bridge over stormwater culvert	Soil	9	ARL3

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
21055	640	140	0.321	B	L	Structure above	Crib wall	Soil	80	ARL3
21056	640	140	0.401	B	L	Bridge abutment	Railway over bridge	Soil	34	ARL3
21057	640	140	0.435	B	L	Structure above	Crib wall	Soil	15	ARL4
21077	640	140	0.441	C	R	Structure above	Crib wall	Soil	47	ARL3
21078	640	140	0.417	C	R	Bridge abutment	Railway over bridge	Soil	24	ARL3
21079	640	140	0.323	C	R	Structure above	Crib wall, concrete RW	Rock	94	ARL3
21080	640	100	0.975	C	R	Bridge abutment	Bridge over stormwater culvert	Soil	11	ARL3
21081	640	70	0.400	C	R	Bridge abutment	BrOv Pipeline	Rock	13	ARL5
21082	640	45	0.020	C	R	Bridge abutment	Culvert	Rock	11	ARL4
21083	640	35	0.186	C	R	Fill	Fill embankment	Soil	52	ARL5
21084	640	35	0.109	C	R	Bridge abutment	Bridge over railway, Villawood	Both rock and soil	77	ARL5
21085	640	35	0.023	C	R	Fill	Fill embankment	Soil	86	ARL5
21163	650	20	0.133	A	L	Bridge abutment	Bridge Abutments for railway overpass up to 6.5m high	Soil	46	ARL5
21164	650	80	0.411	B	L	Structure above	Formed concrete retaining wall below road	Soil	95	ARL4
21165	650	80	0.506	B	L	Bridge abutment	Concrete Bridge Abutment about 1m High	Soil	32	ARL4
21166	650	105	0.728	B	L	Structure above	2.4m high formed concrete wall below road	Soil	105	ARL4
21167	650	115	0.002	B	L	Bridge abutment	Bridge abutments at Hawthorne Canal, Iron Cove	Soil	129	ARL5
21168	650	115	0.131	B	L	Fill	2.3M High fill embankment below road	Soil	85	ARL5
21169	650	125	0.013	B	L	Structure above	1-3.5m formed concrete RW	Soil	51	ARL4
21170	650	125	0.093	B	L	Fill	Fill embankment up to 2.8m high	Soil	49	ARL5

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
21171	650	125	0.285	B	L	Cut	15m deep box cutting below road	Rock	257	ARL4
21172	650	135	0.011	B	L	Cut	Cut below roadway	Both rock and soil	346	ARL5
21173	650	135	0.357	B	L	Cut	Cut below rail overbridge	Rock	302	ARL4
21174	650	140	0.597	B	L	Fill	jersey barriers	Soil	221	ARL5
21175	650	161	0.213	B	L	Fill	1.8m high fill embankment below road	Soil	146	ARL5
21227	650	161	0.236	C	R	Fill	Fill embankment up to 5.5m high	Soil	135	ARL5
21228	650	140	0.148	C	R	Fill	Fill embankment below Retaining wall/noise wall	Soil	683	ARL5
21229	650	140	0.010	C	R	Structure above	R/W & NW	Soil	79	ARL5
21230	650	125	0.285	C	R	Fill	Masonry RW up to 4m high with fill batter behind	Soil	192	ARL5
21231	650	125	0.146	C	R	Structure above	Masonry RW below road	Both rock and soil	26	ARL4
21232	650	115	0.564	C	R	Fill	1.5 to 2m RSW (concrete panel) on cut above railway	Both rock and soil	92	ARL4
21233	650	115	0.138	C	R	Fill	1.8m fill embankment below road	Soil	60	ARL5
21234	650	115	0.017	C	R	Bridge abutment		Soil	121	ARL5
21235	650	105	0.811	C	R	Fill	Concrete retaining wall below road up to 2.1m high	Soil	52	ARL4
21236	650	105	0.406	C	R	Cut	6M high cut in HW sandstone + 3.5 concrete RW	Both rock and soil	297	ARL3
21237	650	20	0.136	A	R	Bridge abutment	Bridge Abutment for Railway overpass up to 6.5m high	Soil	42	ARL5
21274	652	10	1.713	A	L	Fill	29/04/2008 - Embankment --- PREVIOUS--- s/f, cnr Edward St	Soil	38	ARL5

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
21275	652	10	1.751	A	L	Bridge abutment	BrOv rlwy	Soil	9	ARL3
21276	652	10	1.760	A	L	Fill	29/04/2008 - Embankment --- PREVIOUS--- s/f, Br.abut	Soil	69	ARL4
21277	652	20	0.007	A	L	Bridge abutment	13/05/2008 - Bridge abutment of railway overbridge --- PREVIOUS--- Rlwy OvBr, Lewisham	Soil	45	ARL4
21278	652	50	0.142	B	L	Structure above	fill & crib wall	Soil	98	ARL3
21279	652	70	0.002	A	L	Bridge abutment	BrOv P'matta Rd	Soil	40	ARL4
21280	652	70	0.072	A	L	Fill	28/04/2008 - Fill behind retaining wall -- -PREVIOUS--- s/f, 35kph	Soil	48	ARL5
21281	652	130	0.209	A	L	Structure above	16/05/2008 - Concrete retaining wall --- PREVIOUS--- s/w	Soil	29	ARL4
81352	652	70	0.040	A	R	Fill	24/09/2008 - Embankment --- PREVIOUS--- s/f	Soil	91	ARL4
81353	652	60	0.052	A	R	Bridge abutment	13/05/2008 - Abutment of Ross Bridge over Parramatta Road --	Soil	42	ARL4
81354	652	60	0.010	A	R	Fill	28/04/2008 - Embankment slide --- PREVIOUS--- s/f	Soil	42	ARL5
81355	652	20	0.017	A	R	Bridge abutment	13/05/2008 - Bridge Abutment --- PREVIOUS--- Rlwy OvBr, Lewisham	Soil	38	ARL4
81356	652	10	1.754	A	R	Fill	29/04/2008 - Embankment with wall structures --- PREVIOUS--- s/f	Soil	83	ARL4
81357	652	10	1.744	A	R	Bridge abutment	13/05/2008 - Bridge abutment of bridge over railway --	Soil	10	ARL3
81358	652	10	1.692	A	R	Fill	29/04/2008 - Embankment slope --- PREVIOUS--- s/f	Soil	52	ARL5
38719	655	30	0.667	A	L	Structure above	s/w, Cut & R/W	Rock	175	ARL3
38720	655	30	0.923	A	L	Cut	s/c, cnr Kentville Rd	Rock	71	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
38721	655	30	1.016	A	L	Structure above	s/w, Rlwy OvBr	Both rock and soil	38	ARL5
38722	655	40	0.013	A	L	Fill	e/w & s/f, fill & R/W	Soil	139	ARL5
38723	655	40	0.206	A	L	Bridge abutment	BrOv Whites Ck	Soil	11	ARL4
38724	655	40	0.217	A	L	Fill	BrOv Whites Ck	Soil	12	ARL5
38772	655	30	0.850	A	R	Cut	s/c, Syd Inst Tech	Rock	99	ARL5
82691	658	30	0.187	A	R	Bridge abutment	?	Soil	19	ARL4
82692	658	20	0.042	C	R	Bridge abutment	?	Soil	43	ARL4
82693	658	20	0.028	C	R	Structure above	?	Soil	14	ARL4
82704	658	20	0.039	B	L	Bridge abutment	Railway abutment and wing walls	Soil	53	ARL4
82705	658	30	0.183	A	L	Bridge abutment	Railway Abutment	Soil	27	ARL4
18557	660	80	0.027	A	L	Fill	s/f, cnr Darley Rd	Soil	48	ARL4
38162	660	100	0.056	A	R	Cut	s/c	Rock	60	ARL4
44833	661	40	1.162	C	R	Bridge abutment	s/w, No.698	Soil	26	ARL5
44834	661	40	0.192	C	R	Cut	s/c	Soil	85	ARL4
44887	661	10	0.402	B	L	Cut	s/c, No.945	Both rock and soil	27	ARL5
44888	661	10	0.642	B	L	Cut	s/c, cut & R/W, No.905	Soil	122	ARL3
44889	661	20	0.012	B	L	Fill	s/f, cnr Fitzgerald Av	Soil	35	ARL4
44890	661	20	0.092	B	L	Cut	s/c, No.861	Soil	84	ARL4
44891	661	40	0.191	B	L	Flat	s/f, RHS cnr Gale Rd	Soil	46	ARL5
44892	661	40	1.000	B	L	Bridge abutment	s/w, cnr Broadbent St	Soil	83	ARL3
44893	661	40	1.740	B	L	Bridge abutment	s/w, fill & R/W	Soil	59	ARL4
80583	663	51	0.024	C	R	Cut	24/10/2007 - Large sandstone cut ---	Rock	518	ARL4
80584	663	48	0.516	C	R	Structure below	24/10/2007 - Stacked boulder wall ---	Soil	28	ARL5
80585	663	42	0.136	C	R	Cut	24/10/2007 - Sandstone cut. ---	Rock	498	ARL3

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
80586	663	30	0.052	C	R	Cut	23/10/2007 - Key stone wall ---	Soil	199	ARL4
80587	663	20	0.285	A	R	Structure below	23/10/2007 - RE Wall	Soil	145	ARL4
80588	663	20	0.168	A	R	Bridge abutment	23/10/2007 - RE Wall -	Soil	117	ARL4
80589	663	10	0.514	C	R	Structure below	23/10/2007 - RE Wall	Soil	192	ARL4
80752	663	20	0.017	A	L	Structure below	25/10/2007 - RE Wall -	Soil	151	ARL4
80753	663	20	0.168	A	L	Bridge abutment	23/10/2007 - Bridge abutment / RE Wall ---	Soil	121	ARL4
80754	663	20	0.289	A	L	Structure below	23/10/2007 - RE Wall -	Soil	117	ARL4
80755	663	42	0.223	B	L	Fill	23/10/2007 - Rock fill / short wall / walkway --	Both rock and soil	302	ARL4
80756	663	51	0.101	B	L	Fill	24/10/2007 - Small fill -	Soil	90	ARL4
80918	663	20	0.040	S	L	Fill	23/10/2007 - RE Wall adjacent to Action St, Sutherland ---	Soil	195	ARL4
81781	663	60	2.792	C	R	Bridge abutment	?	Soil	30	ARL4
81782	663	60	2.312	C	R	Cut	Cut 5 - Northern Batter	?	270	ARL3
81783	663	60	2.278	C	R	Bridge abutment	?	Rock	34	ARL5
81784	663	60	2.099	C	R	Cut	?	Both rock and soil	179	ARL5
81785	663	60	1.830	C	R	Fill	?	Both rock and soil	269	ARL5
81786	663	60	1.619	C	R	Cut	?	Both rock and soil	211	ARL5
81787	663	60	1.449	C	R	Fill	?	Both rock and soil	170	ARL5
81788	663	60	1.429	C	R	Bridge abutment	?	Both rock and soil	20	ARL5

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
81789	663	60	0.770	C	R	Bridge abutment	?	Both rock and soil	19	ARL5
81790	663	60	0.199	C	R	Cut	?	?	231	ARL5
81791	663	60	0.180	C	R	Bridge abutment	?	Rock	19	ARL5
81792	663	60	0.060	C	R	Cut	?	Rock	120	ARL5
81793	663	60	0.025	B	L	Structure above	?	Soil	35	ARL5
81794	663	60	0.060	B	L	Cut	?	Rock	156	ARL4
81795	663	60	0.216	B	L	Bridge abutment	?	Rock	25	ARL5
81796	663	60	0.241	B	L	Cut	?	Both rock and soil	120	ARL4
81797	663	60	0.491	B	L	Fill	?	Both rock and soil	334	ARL5
81798	663	60	0.825	B	L	Bridge abutment	?	Both rock and soil	27	ARL5
81799	663	60	1.484	B	L	Bridge abutment	?	Both rock and soil	19	ARL5
81800	663	60	1.694	B	L	Cut	?	Both rock and soil	151	ARL5
81801	663	60	2.144	B	L	Cut	?	Rock	196	ARL5
81802	663	60	2.340	B	L	Bridge abutment	?	Rock	29	ARL5
81803	663	60	2.369	B	L	Cut	Cut 5 - Southern batter	?	292	
81804	663	60	2.870	B	L	Bridge abutment	?	Soil	21	ARL5
58845	664	30	0.021	A	L	Bridge abutment	?	Rock	46	ARL3
58846	664	30	0.067	A	L	Structure below	?	Soil	112	ARL4
58847	664	40	0.122	B	L	Structure above	?	Soil	87	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
58871	664	140	0.163	A	R	Structure below	?	Soil	219	ARL4
58872	664	130	0.084	A	R	Structure below	?	Rock	167	ARL4
58873	664	30	0.064	A	R	Structure below	?	Both rock and soil	111	ARL3
58874	664	30	0.015	A	R	Bridge abutment	?	Rock	50	ARL3
58875	664	40	0.014	C	L	Structure below		Soil	130	ARL4
59004	664	40	0.016	B	R	Structure below	Continuation from counter direction spreadsheet	Soil	79	ARL4
81359	665	20	0.686	A	R	Cut	28/04/2008 - Rock cut and wall structures --- PREVIOUS--- s/c, cut & R/W, No.246-240	Both rock and soil	40	ARL5
81360	665	50	0.660	A	L	Structure above	28/04/2008 - Retaining wall with soil above --- PREVIOUS--- s/w, cut & R/W, FBr	Soil	101	ARL5
18558	666	30	0.021	A	L	Structure above	s/w, Pymont Br. Rd	Rock	71	ARL4
18559	666	40	0.094	A	L	Cut	s/c, Hereford St	Both rock and soil	54	ARL5
18560	666	40	0.148	A	L	Structure above	e/c & s/w, FBr	Rock	19	ARL5
18561	666	50	0.052	A	L	Cut	s/c, Lewis Hoad Res.	Rock	133	ARL4
18562	666	60	0.165	A	L	Bridge abutment	BrOv Johnstons Ck	Soil	31	ARL5
18563	666	60	0.286	A	L	Structure above	s/w, 50m to roundabout/Chapman Rd	Both rock and soil	29	ARL5
18564	666	60	0.727	A	L	Structure above	s/w, Syd Inst Tech	Both rock and soil	63	ARL4
38225	666	60	0.780	A	R	Bridge abutment	Rlwy OvBr	Both rock and soil	6	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
38226	666	60	0.766	A	R	Structure above	R/W adjoins Br.abut	Both rock and soil	14	ARL5
38227	666	60	0.175	A	R	Bridge abutment	BrOv Johnstons Ck	Soil	35	ARL5
38228	666	60	0.133	A	R	Structure above	s/w, R/W & cut	Both rock and soil	41	ARL5
38229	666	40	0.066	A	R	Fill	s/f, Wigram Rd	Soil	125	ARL5
38230	666	30	0.008	A	R	Structure above	s/w, York St	Rock	53	ARL3
16716	668	60	0.137	C	R	Cut	s/c s/c-e/c WP91-92	Both rock and soil	43	ARL3
16717	668	50	0.043	C	R	Structure above	s/w, Rlwy OvBr Strathfield s/w-e/w WP93-94, Rlwy OvBr Strathfield [UBD(04)233G11]	Both rock and soil	240	ARL4
16720	668	10	0.959	A	L	Structure above	s/w s/w-e/w WP85-82-86, R/W 1m, nil shoulder	Soil	252	ARL3
16721	668	10	1.280	A	L	Structure above	s/w & shallow cut s/w-e/w & shallow cut, WP87-88	Soil	27	ARL3
16722	668	60	0.072	B	L	Structure above	s/w, Rlwy Br s/w-e/w WP89-05	Soil	79	ARL4
16723	668	70	0.035	A	L	Fill	e/w & s/f s/f-e/f WP05, embankment supporting railway, stone pitched surface, minor slump	Both rock and soil	35	ARL5
50591	668	60	0.076	B	L	Bridge abutment		Soil	79	ARL3
57735	668	60	0.070	C	R	Bridge abutment		Soil	50	ARL4
38366	669	30	1.575	B	L	Cut	s/c, No.83	?	38	
80066	4020	10	2.868	A	L	Fill	06/11/2007 - Fill with culvert -	Soil	17	ARL3
80849	4020	10	3.062	A	R	Cut	06/11/2007 - Sandstone cut ---	Rock	48	ARL4
80850	4020	10	2.901	A	R	Cut	06/11/2007 - Sandstone cut with vegetation ---	Rock	82	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
80851	4020	10	2.864	A	R	Fill	06/11/2007 - Small fill and culvert ---	Soil	19	ARL4
80231	4025	10	2.345	A	R	Fill	05/11/2007 - Gully Fill -	Soil	31	ARL3
80232	4025	10	2.106	A	R	Fill	05/11/2007 - High Fill -	Soil	89	ARL4
80233	4025	10	0.966	A	R	Fill	05/11/2007 - Fill on sandstone terrace and wall ~ 40m long to 3.5m ---	Both rock and soil	69	ARL5
80234	4025	10	0.725	A	R	Fill	Fill with damage culvert & Scour close to road	Soil	21	ARL2
80288	4025	10	0.816	A	L	Cut	05/11/2007 - Sandstone cut ---	Rock	187	ARL3
80289	4025	10	2.153	A	L	Cut	05/11/2007 - Claystone and shale slope ---	Both rock and soil	177	ARL3
80290	4025	10	2.371	A	L	Cut	05/11/2007 - Cut in sandstone. ---	Rock	284	ARL4
82794	6004	1055	0.216	C	R	Bridge abutment	26/08/2008 - Sandstone block rebutment ---	Both rock and soil	61	ARL4
82826	6004	1055	0.272	B	L	Bridge abutment	26/08/2008 - Sandstone block rebutment ---	Both rock and soil	50	ARL4
82827	6004	1090	0.019	B	L	Bridge abutment	07/08/2008 - M4 Eastbound/Westbound bridge over Wentworth Street, Eastern Abutment (RSW Fill) --	Both rock and soil	19	ARL4
82868	6004	1090	0.071	S	R	Fill	07/08/2008 - Fill embankment LHS of M4 Eastbound onload from James Ruse Drive ---	Both rock and soil	33	ARL4
82869	6004	1090	0.104	S	R	Bridge abutment	07/08/2008 - M4 Eastbound Onload ramp RSW Fill eastern abutment. Above wentworth street --- PREVIOUS--- Wentworth St underpass abutment	Both rock and soil	110	ARL4

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
82870	6004	1090	0.254	S	R	Bridge abutment	07/08/2008 - M4 Eastbound onload from James Ruse Drive, RSW Fill Abutment --- PREVIOUS--- Deniehy St underpass abutment	Both rock and soil	66	ARL4
85735	6004	1090	0.014	R	L	Bridge abutment	Wentworth St Underpass abutment	?	17	
86032	6004	1055	0.170	B	L	Fill	11/11/2008 - Soil fill abutment/embankment ---PREVIOUS--- 1	Soil	111	ARL4
86033	6004	1055	0.340	B	L	Fill	10/11/2008 - Fill embankment below M4 ---PREVIOUS--- 3	Both rock and soil	240	ARL3
86034	6004	1070	0.460	B	L	Structure above	11/11/2008 - RC pile wall cut slope above road ---PREVIOUS--- 5	Both rock and soil	321	ARL4
86035	6004	1070	0.989	B	L	Fill	12/11/2008 - LHS Fill Embankment below Road ---PREVIOUS--- 7	Both rock and soil	132	ARL3
86036	6004	1070	1.121	B	L	Bridge abutment	12/11/2008 - Fill Embankment @ Brudge Abutment Under M4 --- PREVIOUS--- 8	Both rock and soil	278	ARL4
86037	6004	1080	0.279	B	L	Bridge abutment	12/11/2008 - Fill Embankment, paved underf bridge abutment ---PREVIOUS--- 10	Both rock and soil	41	ARL3
86203	6004	1080	0.000	C	R	Fill	12/11/2008 - Fill Embankment at bridge abutment --- PREVIOUS--- 19	Both rock and soil	276	ARL3
86204	6004	1070	0.996	C	R	Bridge abutment	12/11/2008 - Fill Embankment paved or concrete lined --- PREVIOUS--- 17	Both rock and soil	190	ARL4
86205	6004	1055	0.278	C	R	Fill	10/11/2008 - Fill embankment below off ramp ---PREVIOUS--- 14	Soil	162	ARL5
86206	6004	1055	0.216	C	R	Fill	10/11/2008 - Fill embankment below M4 eastbound --- PREVIOUS--- 13	Both rock and soil	62	ARL4

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
86545	6004	1090	0.000	S	L	Fill	26/11/2008 - Fill slope/embankment below road --- PREVIOUS--- Fill below road east of Wentworth St	Both rock and soil	78	ARL4
86546	6004	1090	0.078	S	L	Bridge abutment	26/11/2008 - RSW supported filled abutment --- PREVIOUS--- Bridge over Wentworth St	Both rock and soil	32	ARL4
86547	6004	1090	0.215	S	L	Bridge abutment	26/11/2008 - RSW abutment with creek bank below --- PREVIOUS--- Bridge over Duck Creek	Both rock and soil	42	ARL5
80397	6005	2025	0.163	B	L	Bridge abutment	18/10/2007 - Bridge Abutments - M5 ---	Soil	266	ARL4
80411	6005	2025	0.175	C	R	Bridge abutment	17/10/2007 - M5 - Bridge abutments ---	Soil	292	ARL4
13566	6006	1000	0.341	C	R	Cut	?	?	141	ARL3
13567	6006	1000	0.252	C	R	Cut	?	?	89	ARL2
13568	6006	1000	0.101	C	R	Cut	?	?	151	ARL3
67304	6007	35	0.001	U	L	Structure above	S/B Ramp Off to William & Cathedral St	Rock	129	ARL4
67305	6007	35	0.026	U	R	Structure above	S/B Ramp Off to William & Cathedral St	Rock	104	ARL4
67306	6007	40	0.006	U	L	Cut	S/B Ramp Off to Cowper/Wharf Rd	Rock	191	ARL4
67307	6007	40	0.046	U	R	Structure above	S/B Ramp Off to Cowper/Wharf Rd	Rock	154	ARL5

3.2.9 Sensitive Areas and Zones

Sensitive areas and zones may be encountered whilst undertaking the Services. These areas have specific management requirements which are to be addressed in the ICMS. Sensitive sites include:

- .a Indigenous and non-indigenous heritage areas;
- .b Conservation zones including for flora and fauna;
- .c Wetlands and endangered species areas;
- .d Landscaped zones.

RMS has developed a geographic information system tool called the Environmental Corridors Database. It provides information on biodiversity values and constraints along roads. This database is helpful when following the environmental assessment procedure for routine and minor works. The data base is accessed via the following weblink:

http://home.rta.nsw.gov.au/org/structure/infra/env/managing/biod/corridors_database.html

3.2.10 Stockpile Sites

The Service Provider will be responsible for the maintenance of Stockpile sites below:

Road No	Location Description	RMS Ref	Site Name	Site Area (m2)
SYDNEY SOUTH ZONE				
190	Cnr of New Illawarra Road and Heathcote Road, Lucas Heights	686	South Zone Stockpile Site	7175

3.2.11 Street Light Assets

The maintenance of street lights in the Sydney road network is currently managed by RMS and a number of other service provider engaged in various parts of the network. The schedule below details those Assets included in the SMC.

Road /Structure Name	Suburb(s)	Quantities [qty]	Items Included	Host Network	Energy Retailer
SYDNEY SOUTH ZONE					
Alfords Point Road	Alfords Point	Light Poles [38]	Standard light Poles	Energy Australia	Energy Australia
Playford Road	Padstow Heights	Light Poles [8] Supply Point [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Anzac Bridge	Pyrmont	Light Poles [27] Supply Point [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Akuna Avenue	Menai	Light Poles [23] Supply Point [2]	Standard light poles, impact absorbing light poles and supply point	Energy Australia	Energy Australia
Mathers Place	Lucas Heights	Light Poles [16] Supply Point [1]	Standard light poles, impact absorbing light poles and supply point	Energy Australia	Energy Australia
Old Illawarra Road	Menai	Light Poles [21] Supply Point [1]	Standard light poles, impact absorbing light poles and supply point	Energy Australia	Energy Australia
Menai Road	Menai & Bondi Junction	Light Poles [31] Supply Point [1]	Standard light poles, impact absorbing light poles and supply point	Energy Australia	Energy Australia
New Illawarra Road	Bondi Junction	Light Poles [7] Supply Point [1]	Standard light poles, impact absorbing light poles and supply point	Energy Australia	Energy Australia
Old Illawarra Road Underpass	Bondi Junction	Bracket [9] Supply Point [1]	Brackets and supply point	Energy Australia	Energy Australia
Syd Enfield Drive	Bondi Junction/Barden Ridge	Light Poles [41] Supply Point [1]	Standard light poles, impact absorbing light poles and supply point	Energy Australia	Energy Australia
Cahill Expressway	Sydney	Light Poles [45]	Standard light poles only	Energy Australia	Energy Australia
Captain Cook Bridge	Sutherland	Light Poles [44]	Standard light poles only	Energy Australia	Energy Australia

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road /Structure Name	Suburb(s)	Quantities [qty]	Items Included	Host Network	Energy Retailer
Rocky Point Road	Sutherland	Bracket [138] Supply Point [1]	Brackets and supply point	Energy Australia	Energy Australia
Captain Cook Bridge	Bangor	Light Poles [73]	Standard light poles only	Energy Australia	Energy Australia
Centenary Drive	Bangor	Light Poles [19] Other [1]	Standard light poles only and other asset	Energy Australia	Energy Australia
City West Link	Lilyfield/Dobroyd Point	Light Poles [86] Hand Rail Mount [9] Supply Point [3]	Standard light poles, impact absorbing light poles, hand rail mounts and supply points	Energy Australia	Energy Australia
M4 Cycleway	Granville/Clyde/Auburn	Light Poles [128] Supply Point [4]	Surface, Cantilever & Standard light poles and supply point	Integral Energy	Integral Energy
Victoria Road	Rozelle	Light Poles [23] Supply Point [1]	Standard light poles and supply point	Energy Australia	Energy Australia
M4	Auburn	Light Poles [27] Supply Point [1]	Standard & Bracket light poles and supply point	Energy Australia	Energy Australia
Country Road	Homebush	Light Poles [42] Other [1]	Standard light poles and other asset	Energy Australia	Energy Australia
William Street	Kings Cross	Light Poles [21] Supply Point [1]	Standard light poles and supply point	Energy Australia	Energy Australia
City West Link	Lillyfield	Light Poles [1]	Wooden light poles	Energy Australia	Energy Australia
Southern Cross Drive	Mascot	Light Poles [20]	Standard light poles	Energy Australia	Energy Australia
North Western Freeway	Darling Harbour	Light Poles [77] Supply Point [2]	Standard light poles and supply point	Energy Australia	Energy Australia
Corner of Bank Street and Gipps Street	Pymont	Light Poles [13] Supply Point [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Quay Overhead	Sydney	Light Poles [29] Brackets [4]	Standard light poles, surface mounted light poles and brackets	Energy Australia	Energy Australia
The Crescent	Annandale	Light Poles [13] Supply Point [1]	Standard light poles and supply point	Energy Australia	Energy Australia
City West Link	Lilyfield	Light Poles [13] Supply Point [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Southern Cross Drive	Randwick	Light Poles [42] Other [1]	Standard light poles and other asset	Energy Australia	Energy Australia
Trevilyan Avenue	Rosebery	Light Poles [10] Other [1]	Standard light poles and other asset	Energy Australia	Energy Australia
Dowling Street	Kensington	Light Poles [20] Other [1]	Standard light poles and other asset	Energy Australia	Energy Australia
Silverwater Road	Auburn	Light Poles [1]	Wooden light poles	Energy Australia	Energy Australia

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road /Structure Name	Suburb(s)	Quantities [qty]	Items Included	Host Network	Energy Retailer
Fairford Road	Bankstown	Light Poles [38]	Wooden, Standard & Surface light poles	Energy Australia	Energy Australia
New Tom Ugly Bridge	Sylvania	Light Poles [19] Flashing Lights [1]	Standard light poles and other asset	Energy Australia	Energy Australia
Western Distributor	Sydney	Light Poles [28] Bollard [6] Others [1]	Standard light poles, surface mounted light poles, bollards and other assets	Energy Australia	Energy Australia
Western Distributor 2	Sydney	Light Poles [62]	Standard light poles and surface mounted light	Energy Australia	Energy Australia
River Road	Sutherland	Brackets [158] Supply Points [2]	Brackets and supply points	Energy Australia	Energy Australia
Menai Road	Bangor	Brackets [158] Supply Points [1]	Brackets and supply point	Energy Australia	Energy Australia

3.2.12 Navigation Lights

There are five locations of Navigation Lights listed at the bridge locations below. They are to be inspected, tested and maintained in accordance with the requirements of the SMC.

Location	Lighting Details [Qty]	Additional Information
SYDNEY SOUTH ZONE		
Glebe Island Bridge	Channel lights [4] 'CHANNEL CLOSED' lights [6]	
Spit Bridge	Channel lights [8]	The Spit Bridge is positioned North/South. Therefore the solar panels on the downstream side face North East. On the downstream side the solar panels face North/West to accommodate shading.

3.3 Schedule of Operational Assets

The following schedule of operational related assets which are required to be maintained under the SMC.

3.3.1 Rest Areas and Toilets

Categories:

- PA – Parking Area
- IB – Inspection Bay
- INF – Informal
- RA – Rest area

Type:

- B – Both Light and Heavy vehicles
- L – Light vehicles only
- H – Heavy vehicles only

RFS Ref.	Name of site	Location	Category	Rest Area Type	Side
SYDNEY SOUTH ZONE					
None to maintain					

3.3.2 Truck Arrestor

Road No.	Name of site/Location	Road Loc Ref	Length
None to maintain			

3.3.3 Heavy Vehicle Inspection Bays

Name	Highway / Road	Direction	Site Description
South Zone			
Milperra Intersection	Henry Lawson Drive	Southbound	Southbound Site - UBD 270 K 7
Bankstown	Henry Lawson Drive	Northbound	Kentucky Reserve - UBD 250 H 16
East Hills	Henry Lawson Drive	Southbound	Boomerang Reserve - UBD 291 L 8
Landsdowne	Henry Lawson Drive	Southbound	Landsdowne Reserve - UBD 250 G 7
Lucas Heights	New Illawarra Road	Northbound	Northbound Site - UBD 330 J 13
Heathcote	Heathcote Road	Northbound	Northbound Site - UBD 330 C 8
Alfords Point	Alfords Point Rd	Southbound	Southbound Site - UBD 291 P13
Barden Ridge	New Illawarra Road	Northbound	Southbound Site - UBD 331 D6
Waterfall	Princes Highway	Southbound	Southbound Site - UBD 351 P11

3.3.4 Over Height Vehicle Warning Systems

Road Name	Road No.	Link	Offset	Carriage Way
General Holmes Dr	194	120	0.45	C
General Holmes Dr	194	115	0.25	C
General Holmes Dr	194	100	0.83	B
General Holmes Dr	194	100	0.32	C
Princes Highway	1	455	0.07	C
Bangor Bypass	663	10	2.85	B
Cahill Expressway	592	160	0.11	B
Cahill Expressway	592	165	0.02	C
M4 Motorway	6004	1070	0.45	B

3.3.5 Schedule of Detour Route Operations, Tidal Flows & Gates

TCS No.	Name of site/Location	Direction	Equipment Type
SYDNEY SOUTH ZONE			
	Blakehurst Tidal Flow system along Princes Highway	Both	Candy bars and sockets
	Arncliffe Tidal Flow system at the intersection of Princes Highway, Forest Rd and Wickham Rd	Both	Candy bars and sockets

3.3.6 Roadside Telephones

The following schedule is a summary of roadside telephones to be maintained under the SMC.

Road Name	Description	Quantity	Comments
SYDNEY SOUTH ZONE			
M4 Western Motorway	Emergency phones	40	Located on both carriageway
M5 South Western Motorway	Emergency phones	28	Located on both carriageways

3.3.7 Schedule of Lifts

Address	Location	Quantity of Units	Unit Number(s)	No of Levels	Type of Lift	Manufacturer
SYDNEY SOUTH ZONE						
Corner of Dwyer Avenue and Princess Highway	Blakehurst	1	F8388	1	Traction	Kone
Liverpool Road and Hedges Avenue Intersection	Chullora/South Strathfield	1	F8383	1	Direct Acting Hydraulic	OTIS
Hume Highway, between Cooper Road & Caldwell Parade	Yagoona	2	F8378 & F8379	2	Traction	Eastern Elevators
Canterbury Road near Church Street	Canterbury	2	F8380 & F8381	2	Traction	Kone
Cnr Kegworth Street & Tebbutt Road	Leichhardt	2	F8384 & F8385	2	Traction	DEVE
Anzac Parade near Storey Street	Maroubra	2	F8373 & F8374	2	Roped Suspended Hydraulic	ELEX
The Boulevard, near Santa Maria De Monte School	Strathfield	2	F8371 & F8372	2	Traction	ELEX
Parramatta Road near Bland Street	Haberfield	2	F9832 & F9833			
Sydney Harbour Bridge – To be confirmed	South Pylon	1		2	Electric	Unknown
Sydney Harbour Bridge – To be confirmed	North Pylon	1		3	Electric	Unknown
Sydney Harbour Bridge - To be confirmed	King Post	1		2	Electro-Hydraulic Cantilever	Sydney Elevator Services

3.4 Drainage Systems

The following is a schedule of drainage related assets which are required to be maintained under the Contract

3.4.1 Stormwater Devices

GPT – Gross Pollutant Trap

CDS - Continuous Deflective Separation Unit

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m ²)	Comment
SYDNEY SOUTH ZONE								
1				Princes Highway under Cooks River Bridge	GPT			North western side
2				100m east of Centenary Drive, Strathfield	CDS		1.6	
165				Bank Street, Pyrmont	CDS		0.49	
165				James Craig Road, Rozelle	CDS		0.49	In Waterways Authority car park
190			311 N2	Alfords Pt Road S/B 200m North of off ramp to Brushwood Drive	Sedimentation Basin			
190			311 N4	Alfords Pt Road under Brushwood Drive overbridge	Sedimentation Basin			
190			311 G10	Alfords Pt Road Western side, approx at rear of Mina Drive	Sedimentation Basin			
194			275 N11	General Holmes Drive at Sydney Airport	Sedimentation Basin			
194				General Holmes Drive Overpass over Foreshore Drive	Trash Rack			
200				Centenary Drive, near Hume Highway eastern verge	CDS		1.36	
200				Roberts Road, near Hume Highway	CDS		4.71	
200				Centenary Drive, near Hume Highway, western verge	CDS		2.83	
200				Roberts Road, South Strathfield	CDS		2.69	Centre Median strip near Jean Street
200				Roberts Road, South Strathfield, eastern verge near overpass	CDS		2.65	

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m ²)	Comment
650			234 N12	Lilyfield Road at Hawthorn Canal, Leichardt	GPT (net)			
650			234 N12	Canal Road at Blackmore Park, Leichardt	Sedimentation Basin			
650			234 N12	Canal Road at Blackmore Park, Leichardt	GPT			
650				Dobroyd Pd northern side	GPT (grilled)			Between Rowing Club and Timbrell Road
650				Dobroyd Pd northern side	Gatic Lid inspection pit			Between Rowing Club and Timbrell Road
650				Dobroyd Pd between Hawthorne Canal and Rowing Club	Trash Rack (grate)			
650				Dobroyd Road at Rowing Club	GPT		small	
651			215 N1	Gore Hill Freeway, Corner of Punch Street and Lambs Road, Artarmon	Sedimentation Basin			
663			312 F13	Menai Road Woronora	Trash Rack			
663			312 F13	Menai Road Woronora	GPT			
				Alfords Point	Baramy Drop Side			
				Padstow Pre-school	Baramy Drop Side			
	Davies Road			Davies Road Padstow	Baramy Drop Thru			
	Eve Street			Eve Street, Rockdale	Wet land			
	Hume Highway	Strathfield		100m east of Centenary Drive, Strathfield	CDS	1512	1.6	2RTA 01 Lid Type Galvanised Steel - Need 8mm Allen Key, Screwdriver, Traffic Management
	Centenary Drive	Strathfield		Near Hume Highway, eastern verge	CDS	1512	1.36	2RTA 04 Lid Type Galvanised Steel - Need CDS/RTA keys, Traffic Management

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m ²)	Comment
	Centenary Drive	Strathfield		Near Hume Highway, western verge	CDS	2018	2.83	2RTA 06 Lid Type Galvanised Steel - Need CDS/RTA keys, Traffic Management
	Roberts Road	South Strathfield		Centre of median strip near Jean Street	CDS	2018	2.69	2RTA 07 Lid Type Galvanised Steel - Need CDS/RTA keys
	Roberts Road	South Strathfield		Eastern verge near overpass	CDS	2018	2.65	2RTA 08 Lid Type Galvanised Steel - Need CDS/RTA keys, Traffic Management
	Bank Street	Pymont		Anzac Bridge east	CDS	908	0.49	2RTA 26 Lid Type Gatic
	James Craig Road	Rozelle		Anzac Bridge west in Waterways Authority Car park	CDS	908	0.49	2RTA 27 Lid Type Gatic
	Roberts Road	Greenacre		Near Hume Highway	CDS	2018	4.71	2RTA 05 Lid Type galvanised Steel - Need CDS/RTA keys, park on footpath
	Hume Highway	Strathfield	252 M2	Roberts Road off ramp- Homebush, on footpath opposite pedestrian crossing				
	General Holmes Drive		275 N10	Gen. Holmes Drive at emergency phone just before Southern Cross Drive				
	General Holmes Drive		276 N10	Gen. Holmes Drive at emergency phone just before Southern Cross Drive				
	General Holmes Drive		277 N10	Gen. Holmes Drive at emergency phone just before Southern Cross Drive				
	Parramatta Road	Granville	211 E9	Granville pump station under railway bridge	Trap			
	Alfords Point Road		311 N3	100m back from turn off to Old Illawarra Highway	Basin			

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m ²)	Comment
	Alfords Point Road		311 N4	Take Illawarra turn off, park near end before roundabout, across road to right	Basin			3 concrete runoffs to basin
	Brushwood Drive		311 N4	Down Embankment	Basin			
	Brushwood Drive		311 N4	Across road and under overpass	Basin			
	Alfred's Point Road		311 G10	200m North of Menai Road	Wet Basin			Connected to other basin with concrete drain
	Alfred's Point Road		312 G10	200m North of Menai Road	Wet Basin			Connected to other basin with concrete drain
	Menai Road	Woronora	312 F13	On Hairpin bend towards bridge from Menai	Trash Rack			
	Menai Road	Woronora	312 F13	On Hairpin bend towards bridge from Menai	Baramy Pit?			
	Tempe Bridge		275 A4	(NW side) Enter from Kendrick Park, drive along bike track to bridge	GPT			concrete GPT at waters edge
	Canal Road	Leichardt	234 N12	Near Blackmore Park, Road runs parallel to city west link	Trash Rack			
	Canal Road	Leichardt	234 N12	Near Blackmore Park, Road runs parallel to city west link	Cleansall			
	Canal Road	Leichardt	234 N12	Near Blackmore Park, Road runs parallel to city west link	Wet Basin			
	City West Link	Leichardt	234 N11	Over canal. Park in Blackmore Park, walk under link to old bridge	Trap			Traps in water on both sides of bridge
	City West Link	Leichardt	235 N11	Over canal. Park in Blackmore Park, walk under link to old bridge	Trap			Traps in water on both sides of bridge

3.4.2 Culverts

The following is a summary of the culverts to be maintained under the SMC. A list of the culverts including location, type, cell construction, etc. and corresponding identification code for each culvert is available in the RMS database.

Pipe Dia (mm)	Total Culvert Length (m)	Number of Culverts	Comments
SYDNEY SOUTH ZONE			
75	-	1	75mm diameter culverts are listed, however no length has been included in the database
150	115	13	
225	1,807	172	
300	9,589	629	
375	28,859	1561	
450	12,819	699	
525	1,718	89	
600	4,243	235	
700	119	5	
750	1,720	84	
900	1,246	63	
1000	-	1	1000mm diameter culverts are listed, however no length has been included in the database
1025	63	2	
1200	647	24	
1300	68	2	
1500	349	6	
No size	5,780	308	
Total	71,559	3,988	Includes culverts with no size or no length provided

3.5 Traffic Facility Assets

The following schedule of operational related assets which are required to be maintained under the Contract.

3.5.1 Signs and Delineation

Signs

The RMS database includes 137,160 signs on the road network throughout Sydney as captured in 2004. This is currently the only data available, albeit out of date. The Service Provider will be responsible for all signs which fall within the Nominal Work Limits as defined in section 2.2 of Contract Roads falls under the SMC regardless of its inclusion in the current database or not.

Road Marking

The Service Provider is responsible for the maintenance of all Road Marking on Contract Roads within the Nominal Work Limits. This includes all pavement markings and pavement markers used on the road pavement and kerbs for the purpose of guiding traffic except for Longitudinal line marking. This includes:

- Transverse lines (All lines that are marked at right angles to the general traffic flow, such as “Stop / Give Way” lines and pedestrian crosswalk lines.)
- Other markings (All diagonal and chevron markings, messages on the pavement including symbols, words, numerals and arrows, kerb markings and markings for parking)
- Raised pavement markers
- Longitudinal line markings are all lines that are generally parallel to the traffic flow, such as centre, lane, edge, turn, continuity and transition lines and outline markings.

3.5.2 Bollards

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
SYDNEY SOUTH ZONE						
322	0000001	0550	B2	C	0.1610	0.1660
2666	0000167	0150	A1	C	0.0950	0.0980
2715	0000167	0150	A1	C	0.2890	0.2960
2224	0000167	0160	A1	C	0.2590	0.2630
2351	0000168	0180	A2	C	0.3950	0.3980
2553	0000169	0010	A1	C	0.1210	0.1240
2702	0000171	0060	B1	C	0.1560	0.1590
2133	0000171	0070	B1	C	0.5380	0.5420
2263	0000171	0110	A2	C	0.6690	0.6750
2564	0000171	0240	B2	C	0.2540	0.2740
2419	0000171	0250	B1	C	0.0000	0.0040
2529	0000172	0060	B1	C	0.4660	0.4690
2697	0000173	0220	A1	C	0.2710	0.2760
2544	0000173	0255	A1	C	0.4980	0.5010
2035	0000199	0050	B2	C	0.7050	0.7100
2038	0000199	0100	A1	C	0.5060	0.5100
1923	0000227	0010	B1	C	0.1190	0.1280
1868	0000339	0030	A1	C	0.2130	0.2180
2003	0000339	0060	A2	C	0.2870	0.2910
2034	0000339	0060	A2	C	0.3840	0.3870
1436	0000339	0070	A1	C	0.7140	0.7180
1531	0000339	0070	A1	C	0.4780	0.4790
1601	0000339	0080	A2	C	1.0160	1.0170
2023	0000523	0070	A1	C	0.1880	0.1930

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
794	0000636	0010	A2	C	0.5960	0.5990
590	0000652	0010	A2	C	0.9290	0.9300
424	0000652	0170	A1	C	0.2830	0.2850
491	0000652	0170	A1	C	0.4340	0.4370
729	0000655	0030	A1	C	0.6210	0.6270
837	0000655	0030	A1	C	0.4060	0.4100
939	0000664	0140	A1	C	0.1640	0.1690
486	0000669	0030	B2	C	1.1220	1.1290

3.5.3 Concrete Barrier – Type F Full

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
SYDNEY SOUTH ZONE						
369	1	450	B2	C	0.412	0.706
53	1	455	B2	C	0	0.007
73	1	455	C2	L	0.456	0.541
368	1	455	B2	C	0.447	0.462
9	1	480	B2	C	0.102	0.315
72	1	480	C2	R	0.459	0.48
226	1	480	B2	L	0.288	0.439
300	1	480	B2	L	0.227	0.24
8	1	570	B2	C	0.211	0.331
93	1	570	B2	C	0.342	0.525
25	2	160	B1	C	0.015	0.268
113	2	206	B2	L	0.022	0.03
273	2	206	C2	L	0.009	0.03
274	2	206	B2	R	0.012	0.03
52	2	215	C1	R	0.005	0.026
201	2	215	B2	L	0	0.027
344	2	215	B2	R	0	0.037
367	2	215	C1	L	0	0.032
33	5	150	C3	R	0.149	0.184
80	5	170	C3	R	0.008	0.034
98	5	170	C3	R	0.037	0.143
140	5	221	B1	C	0.078	0.107
182	5	225	B2	C	0	0.314

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2933	165	18	B2	L	0.381	0.484
2940	165	18	C2	R	0.358	0.484
2927	165	18	B2	C	0.349	0.484
2929	165	25	B1	L	0	0.3
2941	165	25	C1	R	0.115	0.178
2939	165	25	C1	R	0	0.09
2922	165	25	B1	C	0	0.256
2931	165	30	B1	L	0	0.05
2942	165	30	C1	R	0	0.02
2948	165	30	B1	R	0.016	0.058
2963	165	35	B1	L	0.045	0.085
2964	165	35	B1	R	0.047	0.054
2979	165	45	C2	R	0.295	0.353
2981	165	65	B3	R	0.407	0.434
2980	165	85	B2	R	0	0.088
2746	165	85	B2	L	1.009	1.243
2748	165	85	B2	C	0.989	1.243
2751	165	85	C2	L	0.996	1.272
2745	165	95	A1	L	0	0.215
2747	165	95	A1	C	0	0.219
2750	165	95	A1	L	0	0.168
2754	165	95	A1	R	0.12	0.231
2755	165	95	A1	L	0.174	0.183
2756	165	95	A1	R	0.079	0.11
2753	165	100	C1	R	0	0.043
2757	165	100	B2	L	0.011	0.06
2758	165	110	C1	R	0.071	0.115
2590	167	100	A1	L	0.063	0.12
2435	168	75	A1	L	0.534	0.538
2581	168	75	A1	R	0.535	0.539
2289	169	70	A1	C	0.655	0.739
2423	169	70	A1	L	0.677	0.843
2615	169	110	A1	C	0.103	0.156
2222	170	20	B2	L	0.518	0.619
2384	170	20	C2	R	0.526	0.62
2725	170	30	B1	L	0.026	0.188

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2339	170	30	C1	R	0.049	0.194
2420	170	85	B1	R	0.251	0.283
2565	170	85	B1	L	0.243	0.284
2693	170	85	C1	L	0.259	0.286
2211	170	210	A1	R	0.47	0.506
2485	170	280	B1	R	0.047	0.08
2518	170	280	B1	L	0.18	0.214
2695	170	280	B1	L	0.059	0.17
2531	170	290	A1	L	0.069	0.119
2141	171	250	B1	R	0.491	0.613
2404	171	250	C2	L	0.493	0.616
2359	173	20	B1	R	0.334	0.353
2548	173	20	B1	L	0.303	0.357
2135	173	40	B2	L	0.001	0.144
2678	173	40	B2	R	0	0.096
2230	173	40	C2	L	0.001	0.15
2389	173	45	C1	L	0	0.06
2381	190	1065	B1	L	0.068	0.271
2474	190	1120	B4	L	0.005	0.029
2476	190	1140	B3	L	0.002	0.03
2170	194	100	C2	R	1.082	1.099
2173	194	100	C2	L	0.799	1.106
2163	194	100	B2	L	0.809	0.82
2165	194	100	B2	C	0.819	1.117
2168	194	100	B2	L	0.829	0.883
2174	194	100	C2	R	0.956	1.038
2175	194	100	C2	R	0.881	0.911
2194	194	115	B2	C	0.77	0.779
2171	194	115	C2	L	0	0.185
2204	194	115	B2	C	0.81	0.928
2216	194	115	C2	R	0.994	1.01
2225	194	115	C2	R	0.024	0.185
2226	194	120	C1	L	0.153	0.443
2234	194	120	C1	R	0.125	0.443
2301	194	130	C2	L	0.119	0.239
2302	194	130	C2	R	0.125	0.241

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2349	194	130	C2	R	0.241	0.41
2403	194	145	B1	L	0.003	0.242
2370	194	145	C1	R	0	0.012
2400	194	145	B1	R	0.184	0.29
2486	194	145	C1	R	0.375	0.449
2487	194	145	C1	L	0.338	0.451
2631	194	300	C2	L	0.118	0.157
2618	194	300	B2	R	0.125	0.163
2677	194	300	C2	L	0.112	0.151
2734	199	45	B1	C	0.018	0.297
2049	200	65	B1	C	0.08	0.126
2051	200	70	A1	L	1.454	1.472
2054	200	90	C1	R	0.013	0.017
2055	200	90	C1	R	0.05	0.061
2057	200	100	B2	R	0.207	0.301
2058	200	100	B2	C	0.149	0.179
2059	200	100	C2	L	0.209	0.318
2061	200	120	B1	R	0.272	0.295
2062	200	120	C1	L	0.268	0.284
2072	200	235	B2	L	0.471	0.731
2074	200	235	B2	C	0.472	0.731
2077	200	235	C2	R	0.031	0.303
2070	200	235	B2	C	0.003	0.276
2076	200	235	B2	L	0.001	0.277
2073	200	245	B1	L	0	0.004
2075	200	245	B1	C	0	0.195
2079	200	245	B1	L	0.009	0.054
2086	200	265	B2	L	0.517	0.523
2087	200	265	C2	R	0.363	0.428
2085	200	265	B2	L	0.423	0.428
1869	339	30	A1	C	0.221	0.384
1733	508	20	B2	C	0.225	0.479
1914	508	20	C2	R	0.775	0.781
1815	512	90	A2	L	0.291	0.531
1855	512	90	A2	R	0.229	0.381
1825	512	105	A1	L	0.249	0.385

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1986	512	105	A1	L	0	0.013
1403	592	162	B1	R	0.386	0.415
1405	592	165	B1	R	0.047	0.097
1406	592	165	B1	R	0.006	0.048
1408	592	165	C1	L	0.019	0.051
1404	592	170	B1	R	0	0.011
1407	592	170	C1	L	0	0.017
1412	592	190	B2	R	0.365	0.61
1633	616	30	A1	L	0.402	0.483
1652	616	30	A1	L	0.349	0.37
1703	616	30	A1	R	0.315	0.487
1729	617	10	B2	L	3.198	3.201
1750	617	10	B2	L	3.144	3.158
1778	617	10	B2	R	0.194	0.842
1906	617	10	C2	L	0.183	0.823
1054	650	80	B1	L	0.384	0.507
1006	650	80	C1	R	0.164	0.512
1053	650	105	C1	R	0.392	0.701
1108	650	115	C1	R	0.149	0.644
1167	650	115	B1	L	0.144	0.185
1166	650	115	B1	L	0.307	0.628
1107	650	125	B1	L	0.14	0.519
1052	650	135	B1	L	0.016	0.047
592	650	140	C1	R	0.009	0.371
1278	650	140	B1	L	0.089	0.298
492	650	140	C1	R	0.627	0.833
641	650	140	C1	R	0.388	0.563
1279	650	140	B1	L	0.605	0.865
838	650	161	B1	L	0.155	0.212
836	655	30	A1	R	0.015	0.038
685	657	10	A2	L	1.158	1.18
786	657	10	A2	L	1.056	1.076
942	658	10	B1	C	0.048	0.203
1161	658	20	B1	R	0.071	0.095
1217	658	20	C1	L	0.024	0.043
1103	658	20	B1	R	0.035	0.054

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1218	658	20	C1	L	0.054	0.086
588	663	42	B1	C	0.643	0.65
282	663	42	B1	C	0.09	0.629
785	663	42	B1	L	0.571	0.65
885	663	42	B1	L	0.155	0.567
684	663	48	B2	C	0	0.004
784	663	48	B2	L	0	0.002
834	663	48	C2	R	0.519	0.52
1000	663	51	B1	L	0	0.047
1047	663	51	B1	C	0.001	0.089
833	663	51	C1	R	0	0.228
1216	666	60	A1	C	0.795	0.838
880	682	20	B1	R	0.015	0.246
727	682	20	B1	R	0.258	0.266
830	682	30	A2	R	0	0.147
879	682	30	A2	L	0.007	0.02
477	6005	500	C1	L	0.668	0.76
527	6005	500	B1	L	1.326	1.387
723	6005	500	B1	R	1.322	1.376
828	6005	500	C1	L	1.38	1.443
874	6005	500	B1	R	1.769	1.867
875	6005	500	B1	R	0.685	0.777
876	6005	500	C1	L	0.006	0.099
992	6005	500	C1	R	1.321	1.443
1092	6005	500	B1	L	0.685	0.777
1093	6005	500	C1	R	0.007	0.099
1267	6005	500	C1	R	0.668	0.757
529	6005	500	C1	L	1.746	1.827
634	6005	500	C1	L	1.318	1.366
1265	6005	500	B1	R	0.003	0.102
1266	6005	500	B1	R	1.389	1.461
1263	6005	500	B1	L	1.424	1.462
1268	6005	500	B1	L	0	0.102
934	6005	510	C1	R	0.03	0.18
1091	6005	510	B1	R	0	0.067
1151	6005	510	C1	L	0.094	0.18

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1209	6005	510	B1	L	0.038	0.157
476	6005	510	B1	R	0.077	0.16
724	6005	510	C1	L	0	0.085
418	6005	520	B1	R	3.666	3.996
419	6005	520	B1	L	3.665	3.76
651	6005	520	C1	R	3.217	3.58
774	6005	520	C1	L	3.514	3.58
775	6005	520	B1	R	4.007	4.396
1150	6005	520	C1	L	2.993	3.305
935	6005	520	B1	L	3.876	4.198
582	6005	520	C1	R	2.991	3.21
478	6005	530	B1	L	0.329	1.434
521	6005	530	B1	C	0.849	1.152
635	6005	530	B1	L	0.003	0.293
657	6005	530	B1	R	1.964	2.331
670	6005	530	B1	C	1.455	1.964
675	6005	530	B1	L	2.235	2.324
820	6005	530	B1	L	1.454	1.916
867	6005	530	C1	R	0.071	0.427
1033	6005	530	C1	R	1.297	1.569
1208	6005	530	B1	R	0.329	0.35
1249	6005	530	C1	L	0.464	0.482
474	6005	530	B1	R	0.003	0.29
726	6005	530	B1	R	0	0.002
1035	6005	530	B1	C	1.165	1.436
870	6005	530	C1	R	0.467	1.112
1256	6005	530	C1	L	2.118	2.481
676	6005	540	B1	R	0	0.426
768	6005	540	B1	L	0.085	0.297
985	6005	540	C1	R	0.065	0.379
412	6005	540	C1	L	0	0.523

3.5.4 Fence Chair Wire

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
SYDNEY SOUTH ZONE						
	None to maintain					

3.5.5 Other Safety Barriers

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
SYDNEY SOUTH ZONE						
137	0000001	0455	B2	L	1.1090	1.1850
202	0000001	0455	B2	R	1.1110	1.1840
929	0000001	0455	B2	C	0.4600	0.4800
120	0000001	0455	C2	C	0.2130	1.3090
63	0000001	0550	C2	C	0.0130	0.1630
2898	0000165	0010	C1	R	0.1560	0.1640
2911	0000165	0010	C1	L	0.0550	0.1640
2888	0000165	0010	B1	L	0.0170	0.0520
2889	0000165	0010	B1	R	0.0160	0.0510
2915	0000165	0018	B2	L	0.3480	0.3800
2949	0000165	0030	C1	R	0.0270	0.0890
2966	0000165	0045	B3	R	0.4270	0.5130
2969	0000165	0045	C2	L	0.3610	0.3650
2972	0000165	0045	C2	R	0.3640	0.3650
2742	0000165	0065	B3	R	0.3450	0.4060
2744	0000165	0065	B3	L	0.3450	0.4340
2968	0000165	0065	B3	R	0.0000	0.0080
2971	0000165	0065	C3	L	0.0000	0.0300
2977	0000165	0065	C3	R	0.0000	0.0270
2811	0000165	0065	B3	L	0.0020	0.0080
2743	0000165	0085	B2	L	0.0000	0.0030
2749	0000165	0085	B2	L	0.9910	1.0090
2752	0000165	0085	C2	R	0.9950	1.0100
2361	0000167	0190	A1	R	0.0390	0.0600
2391	0000190	1080	B1	R	0.0210	0.2270
2506	0000190	1160	B2	R	0.3950	0.3980

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2510	0000190	1170	B1	L	0.2830	0.5090
2516	0000190	1170	C1	R	0.3920	0.5490
2524	0000190	1170	C1	R	0.4170	0.5370
2526	0000190	1170	C1	R	0.2950	0.4130
58	0000199	0045	C1	C	0.3320	0.6020
1605	0000309	0031	C2	R	0.0160	0.0820
1570	0000309	0031	B1	L	0.0240	0.0850
1870	0000330	0150	A2	R	0.1010	0.1250
1410	0000592	0170	C1	L	0.0180	0.0760
688	0000650	0010	A1	R	0.2250	0.2340
889	0000650	0020	A1	L	0.1030	0.1290
945	0000650	0020	A1	R	0.1410	0.1750
1007	0000650	0020	A1	L	0.1370	0.1790

3.5.6 Thrie Beam

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
SYDNEY SOUTH ZONE						
442	0000002	0130	A2	L	0.1030	0.1150
444	0000002	0222	C1	R	0.8330	0.8450
1146	0000002	0222	C1	R	0.8320	0.8450
2048	0000167	0320	A1	L	0.0100	0.0430
2140	0000167	0510	C1	R	0.1230	0.1310
2201	0000167	0510	C1	R	0.1580	0.1620
2483	0000169	0110	A1	L	0.1930	0.2190
2664	0000169	0110	A1	R	0.1960	0.2200
2390	0000172	0090	C1	L	0.1540	0.2270
2665	0000172	0090	B2	R	0.1770	0.2080
2527	0000190	1240	C1	R	0.1080	0.1190
2528	0000190	1240	C1	R	0.2640	0.2750
2542	0000190	1240	C1	R	0.2330	0.2380
2562	0000190	1240	C1	R	0.1900	0.2000
2593	0000190	1240	C1	R	0.0830	0.0960
2605	0000190	1240	C1	R	0.0580	0.0670
2607	0000190	1240	C1	R	0.0320	0.0380
2609	0000190	1240	C1	R	0.3030	0.3110

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2626	0000190	1240	C1	R	0.1450	0.1560
2660	0000190	1320	C2	L	0.0270	0.0400
2210	0000194	0115	B2	C	0.2040	0.2190
2261	0000194	0130	B2	R	0.4030	0.4190
2318	0000194	0130	C2	L	0.2440	0.2530
2454	0000194	0145	C1	L	0.0420	0.0490
1483	0000508	0020	B2	L	0.6250	0.6310
1799	0000508	0090	A1	R	0.9210	0.9280
1454	0000508	0100	A1	R	1.3050	1.3180
1627	0000508	0100	A1	L	1.3010	1.3280
1744	0000508	0100	A1	L	0.3200	0.3270
1482	0000508	0110	A1	R	0.6760	0.6890
1413	0000592	0190	C2	L	0.2430	0.2620
1050	0000658	0010	B1	L	0.0330	0.2390
636	0006005	0520	B1	L	4.1990	4.2150
459	0006005	0540	C1	R	0.3780	0.3970

3.5.7 W-Beam Steel Posts

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
SYDNEY SOUTH ZONE						
740	0000001	0420	C2	R	0.8060	0.8360
757	0000001	0450	B2	L	0.3930	0.5290
797	0000001	0450	B2	L	0.6150	0.6370
897	0000001	0450	B2	L	0.2500	0.3140
136	0000001	0455	C2	L	1.0440	1.1230
956	0000001	0455	B2	L	0.3980	0.4540
957	0000001	0455	C2	L	1.1280	1.1350
1018	0000001	0455	C2	R	1.0430	1.0880
1119	0000001	0480	B2	L	0.2400	0.2700
1118	0000001	0480	B2	L	0.0190	0.0320
1120	0000001	0480	B2	L	0.1840	0.2090
1228	0000001	0480	C2	R	0.0180	0.2810
1257	0000001	0490	B2	L	0.1110	0.2260
383	0000001	0500	B2	L	0.2210	0.4250
385	0000001	0500	B2	L	0.4520	0.5930

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1258	0000001	0500	B2	L	0.0130	0.1820
1259	0000001	0500	B2	L	0.6170	0.7110
386	0000001	0505	C2	R	0.5090	0.6130
388	0000001	0540	C2	R	0.0140	0.1310
390	0000001	0540	C2	R	0.1480	0.4130
391	0000001	0560	B2	L	0.2420	0.3900
392	0000001	0560	B2	L	0.5840	0.7960
393	0000001	0560	B2	L	0.8090	0.9200
395	0000001	0560	C2	R	0.5530	0.6370
396	0000001	0560	C2	R	0.8420	1.1870
397	0000001	0570	C2	R	0.4810	0.5140
400	0000001	0570	C2	R	0.4540	0.4720
401	0000001	0580	B1	L	1.2540	1.2750
402	0000001	0580	B1	L	1.2840	1.8770
403	0000001	0580	C1	R	1.2690	2.0150
404	0000001	0590	B1	L	0.6440	0.8890
405	0000001	0590	C1	R	0.7420	0.9390
406	0000001	0590	C1	R	0.2380	0.5810
409	0000001	0625	B2	L	0.9550	0.9620
410	0000001	0625	B2	L	0.9740	0.9900
250	0000001	0625	C2	R	1.8170	1.9750
407	0000001	0625	B2	L	1.8130	1.9640
411	0000001	0625	C2	R	0.9880	1.0870
26	0000001	0625	C2	R	1.8170	1.9700
92	0000001	0630	B2	L	0.7840	0.9310
321	0000001	0630	C2	R	0.0000	0.0610
408	0000001	0630	B2	L	0.0000	0.0590
413	0000001	0630	B2	R	0.6150	0.9770
414	0000001	0630	B2	L	0.1790	0.3940
415	0000001	0630	B2	L	2.3890	2.9850
416	0000001	0630	C2	R	2.4220	2.4930
417	0000001	0630	C2	R	0.6320	0.6500
431	0000001	0630	C2	R	0.6620	0.9420
432	0000001	0630	C2	R	2.3030	2.4090
434	0000001	0630	C2	R	2.8330	2.9310
435	0000001	0630	C2	R	0.2010	0.4240

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
437	0000001	0630	C2	R	1.2900	1.5590
438	0000001	0640	C2	R	0.2920	0.3310
176	0000001	0650	B2	L	0.8770	1.0150
439	0000001	0650	C2	R	0.0000	0.4810
249	0000001	0650	C2	R	0.4930	0.5870
443	0000002	0130	A2	L	0.1150	0.1210
440	0000002	0130	A2	L	0.0940	0.1030
446	0000002	0222	C1	R	0.8280	0.8330
447	0000002	0222	C1	R	0.5580	0.5790
445	0000002	0222	C1	R	0.8450	0.8500
134	0000002	0471	B1	R	0.2010	0.2270
449	0000002	0471	B1	L	0.2000	0.2280
34	0000005	0110	B1	L	0.0020	0.0570
209	0000005	0221	C2	R	0.0860	0.1070
222	0000005	0221	B1	L	0.0840	0.1070
5	0000005	0225	B2	L	0.0700	0.0970
210	0000005	0225	C1	R	0.0000	0.1120
296	0000005	0225	B2	L	0.0000	0.0590
2897	0000165	0010	C1	R	0.0740	0.1560
2761	0000165	0150	B1	L	0.1740	0.1770
2762	0000165	0160	B2	L	0.0000	0.0040
2765	0000165	0160	B2	L	0.0610	0.0700
2259	0000167	0190	A1	L	0.0690	0.1050
2093	0000167	0480	B1	L	0.0360	0.0510
2128	0000167	0480	B1	L	1.3210	1.3440
2508	0000167	0500	B1	L	0.6730	0.6890
2113	0000167	0510	C1	R	0.1190	0.1230
2604	0000167	0510	B1	L	0.1690	0.1770
2603	0000167	0510	B1	L	0.1040	0.1390
2687	0000167	0510	C1	R	0.1610	0.1670
2367	0000168	0010	B1	R	0.8990	0.9210
2685	0000168	0010	C1	R	0.2120	0.3820
2104	0000168	0100	A1	L	0.1040	0.1190
2330	0000168	0148	A2	L	0.4740	0.4790
2503	0000168	0170	A1	R	0.4120	0.5250
2645	0000168	0170	A1	R	0.5340	0.5540

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2108	0000168	0180	A2	R	0.0010	0.0030
2189	0000168	0180	A2	L	0.0140	0.0330
2469	0000168	0180	A2	L	1.4070	1.4220
2488	0000168	0180	A2	L	0.5910	0.6530
2667	0000168	0180	A2	L	1.3430	1.4040
2408	0000168	0210	C1	R	0.5510	0.5780
2538	0000169	0030	A1	L	0.1930	0.2140
2146	0000169	0070	A1	R	0.4510	0.4720
2611	0000169	0070	A1	R	0.8490	0.8530
2668	0000169	0070	A1	L	0.4010	0.4600
2735	0000169	0080	A1	R	0.0260	0.0880
2425	0000169	0110	A1	L	0.1020	0.1060
2552	0000169	0110	A1	R	0.2220	0.2340
2723	0000169	0110	A1	L	0.2430	0.2540
2379	0000169	0110	A1	L	0.1840	0.1930
2571	0000169	0110	A1	R	0.1940	0.1960
2722	0000169	0110	A1	L	0.0570	0.0670
2149	0000169	0110	A1	L	0.1200	0.1700
2134	0000171	0070	B1	C	0.2620	0.4020
2231	0000172	0090	B2	R	0.1680	0.1780
2539	0000172	0100	A2	R	0.2310	0.2380
2709	0000172	0140	A1	R	0.3700	0.3950
2451	0000173	0080	C1	R	0.1480	0.1910
2271	0000173	0240	A1	L	0.5990	0.7780
2355	0000173	0240	A1	R	0.6000	0.6070
2424	0000173	0240	A1	R	0.5880	0.5970
2147	0000173	0240	A1	L	0.4910	0.5230
2252	0000173	0240	A1	L	0.2880	0.3190
2493	0000173	0240	A1	L	0.2710	0.2830
2426	0000183	0005	A1	R	0.9750	0.9810
2296	0000183	0030	B1	L	0.2890	0.3530
2385	0000190	1065	C1	R	0.0030	0.2250
2402	0000190	1090	B1	L	0.1960	0.2710
2410	0000190	1090	C1	R	0.2480	0.2870
2412	0000190	1090	C1	R	0.1510	0.1930
2427	0000190	1090	C1	R	0.2050	0.2360

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2455	0000190	1102	C1	R	0.3770	0.3860
2478	0000190	1140	B3	L	0.1180	0.1300
2499	0000190	1140	C3	R	0.1090	0.1410
2477	0000190	1140	B3	L	0.0290	0.0940
2501	0000190	1150	B3	L	0.3470	0.5000
2507	0000190	1160	B2	R	0.0940	0.1140
2509	0000190	1160	C2	L	0.0910	0.1190
2532	0000190	1240	C1	R	0.2380	0.2640
2549	0000190	1240	C1	R	0.2010	0.2330
2566	0000190	1240	C1	R	0.1560	0.1900
2572	0000190	1240	C1	R	0.1190	0.1460
2585	0000190	1240	C1	R	0.0960	0.1090
2597	0000190	1240	C1	R	0.0660	0.0830
2606	0000190	1240	C1	R	0.0380	0.0570
2608	0000190	1240	C1	R	0.0200	0.0320
2627	0000190	1240	C1	R	0.2750	0.3030
2584	0000190	1240	C1	R	0.3100	0.3320
2630	0000190	1260	B1	R	0.2220	0.3660
2654	0000190	1260	C1	L	0.2230	0.3600
2663	0000190	1320	C2	L	0.0100	0.0280
2659	0000190	1320	B1	R	0.0180	0.0450
2176	0000194	0115	B2	R	1.5820	1.5910
2272	0000194	0130	B2	R	0.4190	0.4260
2311	0000194	0130	C2	R	0.2360	0.2430
2239	0000194	0130	B2	R	0.3950	0.4050
2322	0000194	0130	C2	L	0.2510	0.2600
2432	0000194	0145	C1	L	0.0330	0.0400
2456	0000194	0145	C1	L	0.0490	0.0540
2523	0000194	0180	B2	L	0.3950	0.4650
2535	0000194	0180	B2	L	0.2070	0.3970
2570	0000194	0190	B1	R	0.1010	0.1030
2588	0000194	0190	B1	R	0.1110	0.1140
2595	0000194	0190	B1	L	0.1020	0.1040
2598	0000194	0190	C1	L	0.0780	0.0800
2616	0000194	0190	C1	R	0.0820	0.0870
2617	0000194	0190	C1	L	0.0840	0.0880

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2705	0000199	0040	C1	R	0.9710	1.0930
2690	0000199	0040	B2	L	1.0120	1.1130
2704	0000199	0040	B2	L	0.9820	1.0020
2716	0000199	0040	C1	R	0.9390	0.9660
2717	0000199	0040	C1	R	0.2810	0.6680
2729	0000199	0045	B1	L	0.0190	0.1960
2736	0000199	0045	C1	R	0.0110	0.3180
2727	0000199	0045	B1	L	0.3510	0.5120
2041	0000200	0010	C1	R	0.1270	0.1300
2042	0000200	0020	C1	R	0.0000	0.0070
2044	0000200	0020	B1	L	0.0150	0.0300
2045	0000200	0020	C1	R	0.0150	0.0310
2056	0000200	0100	B2	R	0.1840	0.2060
2060	0000200	0100	C2	L	0.1840	0.2060
2069	0000200	0185	B1	L	0.2250	0.2620
2080	0000200	0245	B1	L	0.2800	0.2890
2078	0000200	0245	B1	R	0.2520	0.2710
2081	0000200	0245	B1	L	1.6630	1.6820
2082	0000200	0245	C1	R	0.2510	0.2780
2084	0000200	0265	B2	L	0.3370	0.4200
2089	0000200	0285	C1	R	0.4860	0.4890
2088	0000200	0285	B1	L	0.1430	0.3900
2091	0000200	0285	C1	R	0.2350	0.3020
2090	0000200	0295	C1	R	0.0000	0.0930
1877	0000227	0050	C2	L	0.4970	0.7320
1476	0000309	0020	C1	R	0.0430	0.0990
1477	0000309	0020	B1	L	0.0090	0.0310
1871	0000330	0150	A2	R	0.1310	0.1450
1775	0000339	0030	A1	R	0.2680	0.2960
2004	0000339	0030	A1	L	0.3140	0.3350
1956	0000339	0060	A2	L	0.9110	0.9330
1360	0000339	0070	A1	L	0.8010	0.8270
1568	0000344	0030	B2	L	0.7570	0.7630
1728	0000344	0030	C1	R	0.5290	0.6200
1832	0000344	0030	C1	R	0.4900	0.5260
1831	0000344	0030	C1	R	0.1060	0.1420

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1397	0000344	0040	C1	R	0.0430	0.1240
1428	0000344	0040	B2	L	0.0330	0.1600
1650	0000344	0040	B2	L	0.0000	0.0240
1398	0000344	0050	B2	L	0.0000	0.1060
1548	0000344	0080	A1	R	0.3490	0.3560
1467	0000344	0080	A1	R	0.3650	0.3740
79	0000393	0030	A2	L	5.5550	5.8540
103	0000393	0030	A2	L	6.0020	6.2140
104	0000393	0030	A2	L	4.2530	4.3280
255	0000393	0030	A2	L	5.4020	5.4670
262	0000393	0030	A2	R	5.1420	5.1870
311	0000393	0030	A2	L	5.0460	5.2560
357	0000393	0030	A2	L	4.4010	4.5920
1427	0000393	0040	A2	L	1.4820	1.7200
1445	0000393	0040	A2	L	3.2710	3.3170
1547	0000393	0040	A2	L	1.8460	1.9040
1574	0000393	0040	A2	R	2.4730	2.5000
1675	0000393	0040	A2	L	0.0860	0.4100
1736	0000393	0040	A2	L	2.4690	2.4970
1875	0000393	0040	A2	R	2.1080	2.1350
1876	0000393	0040	A2	L	2.3840	2.4270
1978	0000393	0040	A2	L	1.0550	1.3570
2010	0000393	0040	A2	L	1.9420	2.0190
1584	0000393	0040	A2	L	0.0080	0.0170
1847	0000393	0040	A2	L	0.4860	1.0220
1947	0000393	0060	A2	R	3.1300	3.1530
1991	0000393	0060	A2	L	3.1290	3.1540
1339	0000393	0060	A2	L	2.9820	3.0010
1559	0000393	0060	A2	R	2.9800	3.0020
1416	0000393	0060	A2	L	9.6090	9.7250
1516	0000393	0060	A2	L	8.8380	9.5690
1640	0000393	0060	A2	L	3.4090	3.7260
1688	0000393	0060	A2	L	2.9150	2.9470
1818	0000393	0060	A2	R	3.2790	3.3630
1858	0000393	0060	A2	R	2.9110	2.9460
1904	0000393	0060	A2	L	3.0830	3.1080

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1905	0000393	0060	A2	R	3.0670	3.1070
1948	0000393	0060	A2	L	9.7360	9.8120
1990	0000393	0060	A2	L	2.1590	2.4800
1953	0000393	0091	A1	R	0.7990	1.1840
1999	0000393	0091	A1	R	0.3560	0.7790
1421	0000393	0200	A2	R	0.0680	0.1040
2032	0000393	0200	A2	L	0.0650	0.0770
1443	0000393	0200	A2	R	3.2010	3.9300
1481	0000393	0200	A2	R	1.3940	1.7420
1535	0000393	0210	A1	R	0.0050	0.0120
1655	0000393	0210	A1	L	0.0030	0.0070
1783	0000393	0220	A1	L	0.0610	0.1390
1769	0000393	0220	A1	L	0.1410	0.1480
1768	0000393	0230	A1	L	0.0050	0.0060
1785	0000508	0020	B2	L	0.9690	1.0180
1444	0000508	0020	C2	R	0.2890	0.3060
1485	0000508	0020	C2	R	0.6310	0.6400
1611	0000508	0020	C2	R	0.6010	0.6050
1609	0000508	0020	B2	L	0.7530	0.7820
1610	0000508	0020	C2	R	0.9670	1.1150
1735	0000508	0020	C2	R	1.1230	1.1500
1787	0000508	0020	C2	R	0.3080	0.4280
1912	0000508	0020	B2	L	0.6110	0.6250
1447	0000508	0050	A1	R	0.7620	0.7880
1487	0000508	0050	A1	L	0.7610	1.1600
1614	0000508	0050	A1	L	1.3900	1.4260
1737	0000508	0050	A1	R	0.6840	0.7050
1789	0000508	0050	A1	L	0.6780	0.7110
1916	0000508	0050	A1	R	1.3550	1.4240
1917	0000508	0050	A1	L	0.1720	0.2160
1489	0000508	0060	A1	R	1.9990	2.1160
1615	0000508	0060	A1	L	2.4250	2.4460
1616	0000508	0060	A1	R	1.8250	1.9840
1738	0000508	0060	A1	R	2.1210	2.1860
1791	0000508	0060	A1	L	0.0280	0.1420
1918	0000508	0060	A1	L	2.1110	2.1940

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1919	0000508	0060	A1	R	1.7060	1.7840
1448	0000508	0070	A1	L	0.1600	0.3160
1617	0000508	0070	A1	L	1.4610	1.4830
1739	0000508	0070	A1	L	0.3920	0.5260
1920	0000508	0070	A1	R	1.4570	1.5030
1449	0000508	0080	A1	L	1.4820	1.5080
1621	0000508	0080	A1	R	1.4800	1.5060
1494	0000508	0080	A1	L	0.6910	0.7860
1623	0000508	0080	A1	L	0.5640	0.6700
1741	0000508	0080	A1	R	1.4270	1.4490
1797	0000508	0080	A1	L	2.4990	2.6590
1925	0000508	0080	A1	L	1.4090	1.4500
1927	0000508	0080	A1	R	2.5450	2.6740
1452	0000508	0080	A1	L	2.8030	2.9510
1624	0000508	0080	A1	R	2.8110	2.9750
1453	0000508	0090	A1	L	0.9650	0.9960
1928	0000508	0090	A1	R	0.9620	0.9940
1496	0000508	0090	A1	L	0.8230	0.9090
1625	0000508	0090	A1	L	0.9140	0.9260
1626	0000508	0090	A1	R	0.9160	0.9210
1743	0000508	0090	A1	L	0.5300	0.6530
1929	0000508	0090	A1	L	0.6740	0.8150
1478	0000508	0100	A1	L	0.3260	0.4480
1930	0000508	0100	A1	R	1.3180	1.3320
1479	0000508	0100	A1	R	0.3970	0.5090
1653	0000508	0100	A1	L	0.3140	0.3200
1746	0000508	0100	A1	R	1.2990	1.3050
1779	0000508	0100	A1	R	0.2130	0.2490
1932	0000508	0100	A1	L	1.2880	1.3010
1957	0000508	0100	A1	R	0.1570	0.2000
1781	0000508	0110	A1	R	0.6900	0.7150
1484	0000508	0110	A1	R	0.6610	0.6760
1654	0000508	0110	A1	L	0.3160	0.3450
1656	0000508	0110	A1	L	0.4050	0.4140
1784	0000508	0110	A1	L	0.2750	0.3070
1959	0000508	0110	A1	R	0.7260	0.7330

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1960	0000508	0110	A1	L	0.6410	0.7250
1657	0000508	0120	A1	L	0.1880	0.1990
1962	0000508	0120	A1	R	0.1860	0.2020
1486	0000508	0120	A1	L	0.1500	0.1690
1659	0000508	0120	A1	R	0.1460	0.1710
1786	0000508	0120	A1	R	0.4540	0.4980
1788	0000508	0120	A1	L	0.4580	0.5150
1492	0000508	0130	A1	R	1.2940	1.3520
1661	0000508	0130	A1	R	0.1670	0.2740
1662	0000508	0130	A1	L	1.5940	1.7220
1792	0000508	0130	A1	L	0.1830	0.2310
1964	0000508	0130	A1	L	1.7530	1.9300
1965	0000508	0130	A1	R	1.0610	1.1050
1490	0000508	0130	A1	R	0.0190	0.1090
1495	0000512	0020	A2	R	2.6970	3.1160
1969	0000512	0020	A2	L	2.6920	2.7050
1356	0000512	0020	A2	L	2.2100	2.5620
1493	0000512	0020	A2	L	5.1100	5.1920
1498	0000512	0020	A2	L	0.2710	0.3080
1524	0000512	0020	A2	R	2.5540	2.5670
1540	0000512	0020	A2	L	3.9870	4.0050
1658	0000512	0020	A2	R	1.1300	1.1830
1663	0000512	0020	A2	L	4.8740	4.9000
1664	0000512	0020	A2	L	3.6990	3.7460
1665	0000512	0020	A2	L	0.7000	0.8670
1667	0000512	0020	A2	L	0.3230	0.6720
1793	0000512	0020	A2	R	4.2330	4.3330
1796	0000512	0020	A2	L	4.6880	4.7170
1798	0000512	0020	A2	R	4.6860	4.9060
1800	0000512	0020	A2	L	1.1190	1.5410
1836	0000512	0020	A2	L	1.5460	2.0650
1839	0000512	0020	A2	R	3.4840	4.0540
1963	0000512	0020	A2	L	2.0760	2.1680
1967	0000512	0020	A2	L	4.2630	4.2690
1968	0000512	0020	A2	R	3.2310	3.4210
1971	0000512	0020	A2	L	0.0260	0.2150

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1966	0000512	0020	A2	R	0.0060	0.0310
1399	0000512	0030	A2	L	4.3140	4.3550
1414	0000512	0030	A2	L	9.1050	9.3010
1417	0000512	0030	A2	R	3.4810	3.5280
1420	0000512	0030	A2	R	1.8330	1.8540
1517	0000512	0030	A2	L	8.6790	8.9470
1529	0000512	0030	A2	R	1.0430	1.0870
1560	0000512	0030	A2	R	3.1410	3.3240
1648	0000512	0030	A2	R	0.3940	0.5380
1676	0000512	0030	A2	L	9.4210	9.6840
1685	0000512	0030	A2	R	9.4400	9.4640
1695	0000512	0030	A2	R	1.5580	1.6030
1475	0000512	0040	A1	L	0.3720	0.4020
1595	0000512	0040	A1	R	0.3770	0.4110
1321	0000512	0040	A1	R	0.6960	0.8920
1459	0000512	0040	A1	L	0.7960	0.8740
1474	0000512	0040	A1	L	0.2880	0.3320
1549	0000512	0040	A1	L	0.0000	0.0300
1550	0000512	0040	A1	R	1.0210	1.0530
1644	0000512	0040	A1	R	0.2940	0.3410
1679	0000512	0040	A1	R	1.4140	1.4970
1773	0000512	0040	A1	L	1.4220	1.4760
1774	0000512	0040	A1	R	0.5560	0.6270
1850	0000512	0040	A1	L	0.0460	0.0710
1885	0000512	0040	A1	L	0.5590	0.5860
1552	0000512	0050	A3	R	1.0950	1.1710
1565	0000512	0050	A3	L	0.2660	0.2980
1692	0000512	0050	A3	L	0.4660	0.5060
1715	0000512	0050	A3	L	1.0760	1.1980
1852	0000512	0050	A3	R	0.4660	0.5040
1758	0000512	0060	A3	L	0.9900	1.2270
1763	0000512	0060	A3	R	0.3290	0.3440
1866	0000512	0060	A3	L	0.3270	0.3380
1889	0000512	0060	A3	R	0.9770	1.1000
1585	0000512	0060	A3	L	0.5330	0.9510
1637	0000512	0060	A3	L	0.2800	0.2960

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1760	0000512	0060	A3	R	0.4440	0.9370
1891	0000512	0060	A3	R	0.2820	0.2960
1583	0000512	0060	A3	R	1.1360	1.2230
1458	0000512	0071	A2	R	0.3260	0.3510
1942	0000512	0071	A2	L	0.3280	0.3520
1320	0000512	0071	A2	L	0.2860	0.3030
1884	0000512	0071	A2	R	0.2790	0.2990
1684	0000512	0090	A2	R	0.3840	0.4340
1823	0000512	0105	A1	L	0.1160	0.2510
1987	0000512	0105	A1	R	0.1010	0.3920
1848	0000523	0080	A1	R	0.0100	0.0120
2015	0000528	0020	A1	L	0.0250	0.0300
1400	0000592	0160	B3	R	0.1030	0.1100
1402	0000592	0160	C2	L	0.1280	0.1400
1401	0000592	0162	B1	R	0.0000	0.0130
1409	0000592	0170	C1	L	0.0760	0.0890
1419	0000592	0190	C2	R	0.2200	0.2430
1706	0000616	0030	A1	R	0.0170	0.0230
648	0000632	0020	B1	L	0.1600	0.1640
848	0000636	0030	A1	R	0.4230	0.4310
1174	0000636	0040	A1	R	0.0140	0.0250
1175	0000636	0040	A1	L	0.0140	0.0270
955	0000636	0040	A1	R	0.4020	0.4150
1065	0000636	0040	A1	R	0.3830	0.3980
1387	0000640	0035	C1	R	0.0320	0.1150
1386	0000640	0035	C1	R	0.1910	0.2440
1388	0000640	0100	B1	L	0.0100	0.0140
1389	0000640	0150	C1	R	0.1070	0.1170
788	0000650	0020	A1	R	0.0070	0.0160
1055	0000650	0080	B1	L	0.1730	0.3840
1109	0000650	0105	B1	L	0.6070	0.6670
1110	0000650	0105	B1	L	0.0120	0.1340
687	0000650	0140	C1	R	0.3710	0.3880
1165	0000650	0140	B1	L	0.2980	0.3170
839	0000650	0161	B1	L	0.0310	0.0530
730	0000650	0161	B1	L	0.0230	0.0260

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
591	0000652	0010	A2	R	1.6530	1.6670
686	0000652	0050	B2	L	0.0950	0.1030
787	0000652	0050	B2	R	0.0960	0.1300
888	0000652	0050	B2	L	0.1030	0.1270
1005	0000652	0050	B2	R	0.1420	0.1700
944	0000652	0050	B2	L	0.1550	0.1570
943	0000652	0050	C1	R	0.0850	0.0990
887	0000652	0060	A1	R	0.0030	0.0460
1003	0000652	0070	A1	L	0.0400	0.1470
1004	0000652	0070	A1	R	0.0400	0.1170
1219	0000652	0090	A1	L	0.3170	0.3320
1106	0000652	0090	A1	R	0.2380	0.2580
1163	0000652	0120	A1	R	0.7190	0.7430
1105	0000652	0130	A1	R	0.0080	0.0160
1104	0000652	0140	A1	R	0.1710	0.1970
1051	0000652	0150	A1	L	0.0170	0.0420
1162	0000652	0160	A1	L	0.0740	0.0780
1277	0000652	0160	A1	L	0.0850	0.0900
835	0000657	0010	A2	R	0.0580	0.1540
886	0000657	0010	A2	L	0.0860	0.1490
1049	0000658	0010	B1	L	0.0210	0.0340
1001	0000660	0090	A1	R	0.4250	0.4300
941	0000660	0100	A1	R	0.0000	0.0060
490	0000662	0025	B1	L	0.7520	0.7690
536	0000662	0025	C2	R	0.7410	0.7590
489	0000662	0025	B1	L	0.6940	0.7350
589	0000662	0025	C2	R	0.7890	0.8070
535	0000663	0030	B1	L	0.0300	0.0730
940	0000663	0051	B1	L	0.1010	0.1960
999	0000664	0020	A1	L	0.1010	0.1130
938	0000666	0030	A1	L	0.0140	0.0190
1102	0000666	0040	A1	R	0.0110	0.0580
1158	0000666	0040	A1	R	0.0610	0.0690
1046	0000666	0040	A1	R	0.0710	0.1870
1215	0000666	0060	A1	L	0.0170	0.0670
1157	0000667	0020	A1	R	0.4780	0.4820

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
423	0000668	0050	B1	L	0.0290	0.0680
487	0000668	0050	B1	L	0.1240	0.1810
422	0000668	0070	A1	L	0.1190	0.1320
681	0004020	0010	A2	R	1.4260	1.5210
679	0004025	0010	A2	R	0.6370	0.9060
680	0004025	0010	A2	R	0.9420	1.0060
780	0004025	0010	A2	R	0.4450	0.5740
829	0004025	0010	A2	R	2.4470	2.5250
1043	0004025	0010	A2	R	2.3200	2.4070
1212	0004025	0010	A2	R	2.0900	2.1560
532	0004025	0010	A2	R	1.9830	2.0520
779	0004025	0010	A2	R	0.2480	0.3190
722	0006005	0500	B1	L	1.7670	1.8340
776	0006005	0510	B1	L	0.0140	0.0380
993	0006005	0520	C1	L	3.3170	3.5140
1096	0006005	0520	B1	L	3.8400	3.8750
668	0006005	0530	B1	R	0.3510	0.8480
669	0006005	0530	C1	L	0.4830	0.9870
825	0006005	0530	B1	L	2.2230	2.2330
1034	0006005	0530	C1	R	1.1340	1.2140
1040	0006005	0530	B1	L	2.0350	2.0720
1200	0006005	0530	B1	L	1.0600	1.1440
622	0006005	0540	B1	L	0.0750	0.0820
623	0006005	0540	C1	R	0.3970	0.4230
2986	0006006	1000	B1	R	0.0310	0.7320
2985	0006006	1000	B1	L	0.0000	0.7550

3.5.8 W-Beam Timber Posts

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
SYDNEY SOUTH ZONE						
2545	0000173	0255	A1	L	0.2420	0.2860

3.5.9 Wire Rope

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
SYDNEY SOUTH ZONE						
310	190	1221	B1	C	0.01	0.66
2785	190	1270	C1	C	0.11	0.714
2817	190	1270	B1	C	0.11	0.714
2195	194	115	B2	C	0.917	1.067
352	199	40	C1	C	0.913	1.047
2825	200	245	B1	C	0.2	0.89
2913	200	265	B2	C	0.06	0.57
2854	200	285	B1	C	0.06	0.419
2859	200	285	B1	C	0	0.059
2878	200	295	B1	C	0	0.062
1691	512	30	A2	L	2.291	2.364

3.5.10 Rockfall Fencing

Object ID	Road No.	Link No	C Way	Start Offset	End Offset
SYDNEY SOUTH ZONE					
	None to maintain				

3.5.11 Pedestrian Fencing

Object No	Road No.	Link No	Cway	Side	Start Offset	End Offset
SYDNEY SOUTH ZONE						
27	1	0240	B1	C	0.0180	0.1070
347	1	0240	B1	C	0.1270	0.1900
54	1	0290	B2	C	0.3960	0.4410
115	1	0290	B2	C	0.4700	0.5240
116	1	0290	B2	C	0.0150	0.0990
177	1	0290	B2	C	0.1160	0.1520
276	1	0290	B2	C	0.1640	0.2630
346	1	0290	B2	C	0.2950	0.3630
203	1	0320	B1	C	0.0210	0.1210
275	1	0360	B3	C	0.4060	0.5070

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object No	Road No.	Link No	Cway	Side	Start Offset	End Offset
301	1	0455	B2	C	1.1880	1.2210
155	1	0520	B1	C	0.2230	0.4780
225	1	0530	B2	L	0.5050	0.5310
154	1	0600	B1	C	0.2810	0.4810
345	2	0050	A1	R	0.1180	0.1370
2905	2	0170	B1	C	0.9370	1.0990
2904	2	0180	B1	C	0.0200	0.0820
114	2	0198	B2	C	0.2100	0.2770
175	2	0198	B2	C	0.3080	0.4330
135	2	0222	B1	C	0.0260	0.0360
200	2	0295	C1	R	0.1300	0.1440
299	2	0321	B1	C	0.5840	0.6770
71	2	0340	C1	R	0.1080	0.1480
366	2	0340	B1	C	0.0240	0.1820
35	5	0020	B2	C	0.0180	0.0670
13	5	0060	B2	L	0.3570	0.3970
167	5	0140	B1	C	0.2700	0.3100
239	5	0140	C1	R	0.3220	0.3260
216	5	0150	B3	C	0.0180	0.1980
312	5	0150	B3	L	0.0030	0.0090
97	5	0190	B1	L	0.2980	0.3600
2759	165	0110	C1	R	0.0010	0.0030
2760	165	0140	B2	C	0.1830	0.2350
2763	165	0150	B1	L	0.0890	0.0970
2764	165	0150	B1	C	0.0160	0.1590
2766	165	0180	C2	L	0.0070	0.0150
2694	167	0010	A1	C	0.0230	0.0460
2417	167	0020	A1	L	0.2080	0.2180
2511	167	0030	A1	L	0.0890	0.1030
2652	167	0030	A1	L	0.1180	0.1230
2399	167	0060	A1	L	0.3960	0.4170
2125	167	0150	A1	R	0.6080	0.6130
2534	167	0150	A1	R	0.5720	0.5890
2387	167	0160	A1	L	0.3920	0.4400
2124	167	0180	A1	R	0.5440	0.5460
2184	167	0180	A1	L	0.5150	0.5390

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object No	Road No.	Link No	Cway	Side	Start Offset	End Offset
2185	167	0180	A1	R	0.5040	0.5200
2406	167	0240	A1	L	0.4070	0.4110
2461	167	0240	A1	L	0.3930	0.4010
2497	167	0250	A1	L	0.0010	0.0160
2638	167	0250	A1	L	0.0190	0.0200
2047	167	0450	C1	R	0.2860	0.2980
2308	168	0010	C1	R	0.6260	0.6740
2350	168	0010	C1	R	0.6850	0.7100
2505	168	0010	B1	C	0.2130	0.5940
2105	168	0075	A1	R	0.5420	0.5520
2137	168	0075	A1	L	0.5410	0.5500
2103	168	0135	A1	R	0.1820	0.1950
2199	168	0148	A2	R	0.9730	1.0210
2437	169	0030	A1	L	0.0640	0.1930
2582	169	0030	A1	C	0.2170	0.2530
2682	169	0030	A1	C	0.0250	0.0730
2291	169	0110	A1	R	0.2950	0.3270
2642	169	0110	A1	R	0.2340	0.2750
2376	170	0260	B1	L	0.2920	0.3080
2098	171	0090	C1	L	0.0660	0.1440
2262	171	0200	B1	R	0.2060	0.2220
2580	171	0200	C1	L	0.1630	0.1840
2433	171	0205	B2	R	0.0000	0.0120
2143	171	0210	C2	L	0.3140	0.3350
2323	171	0210	B1	R	0.1360	0.1610
2324	171	0210	B1	R	0.2860	0.3160
2405	171	0210	C2	L	0.0930	0.1320
2247	171	0240	B2	C	0.0290	0.2450
2245	171	0250	B1	L	0.7250	0.7350
2689	171	0250	B1	C	0.0230	0.5000
2415	171	0260	B2	L	0.0000	0.0060
2594	171	0260	B2	C	0.0130	0.1530
2718	171	0280	C2	R	0.3200	0.3350
2530	172	0020	B1	C	0.1260	0.1910
2546	173	0090	B1	C	0.0190	0.0660
2713	173	0090	B1	C	0.0890	0.2140

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object No	Road No.	Link No	Cway	Side	Start Offset	End Offset
2573	183	0005	A1	L	0.9570	0.9730
2429	183	0030	B1	R	0.2850	0.3080
2457	183	0030	B1	R	0.2720	0.2790
2490	183	0030	C2	L	0.2520	0.2690
2635	183	0030	C2	L	0.2790	0.2860
739	183	0040	B1	C	0.0150	0.1150
2543	183	0070	A1	L	0.5600	0.5820
2671	183	0070	A1	R	0.5650	0.5790
2632	190	1260	B1	C	0.1630	0.1650
2646	190	1260	B1	C	0.1740	0.2460
2650	190	1260	B1	L	0.3370	0.3510
2653	190	1260	B1	R	0.1680	0.1730
2657	190	1260	C1	L	0.1560	0.1610
2158	193	0025	A1	R	0.2010	0.2140
2160	193	0025	A1	L	0.1980	0.2120
2161	193	0025	A1	L	0.1870	0.1940
2036	199	0050	B2	L	0.6900	0.7060
2579	199	0050	B2	L	0.7130	0.7270
2037	199	0090	A1	L	0.4410	0.4620
2039	200	0010	B1	C	0.0220	0.0410
2040	200	0010	C1	L	0.0190	0.0230
2046	200	0040	A1	R	0.7750	0.8050
2050	200	0070	A1	C	1.2310	1.4810
2052	200	0080	B1	C	0.0270	0.1540
2053	200	0090	B1	L	0.1090	0.1540
2063	200	0150	B1	C	0.6390	0.7570
2064	200	0160	B1	C	0.1000	0.1670
2065	200	0160	B1	L	0.0170	0.0560
2066	200	0160	B1	C	0.0180	0.0900
2067	200	0160	C1	R	0.0090	0.0480
2068	200	0160	C1	R	0.1630	0.1720
2083	200	0245	C1	R	0.8770	0.9180
1384	227	0070	B1	L	0.8700	0.8970
1451	227	0080	B2	C	0.1650	0.3250
1539	227	0080	B2	C	0.0240	0.1650
1622	227	0080	B2	C	1.2430	1.5130

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Object No	Road No.	Link No	Cway	Side	Start Offset	End Offset
1699	227	0080	B2	C	0.5230	0.5680
1795	227	0080	B2	C	0.4790	0.5120
1837	227	0080	B2	C	1.7520	1.8040
1838	227	0080	C3	R	0.4370	0.5010
1879	227	0080	B2	C	0.3520	0.4560
1567	327	0030	B1	C	0.0220	0.1740
1776	330	0070	A1	L	0.0110	0.0260
1600	339	0080	A2	R	0.2800	0.3530
1608	508	0020	B2	C	0.1270	0.2290
1913	508	0020	B2	L	0.0310	0.0630
1915	508	0030	C1	R	0.2730	0.3800
1446	508	0040	C1	R	0.0000	0.1380
1612	508	0040	B1	L	0.0170	0.1390
1682	512	0081	B1	C	0.0770	0.1080
1711	523	0080	A1	R	0.0590	0.0680
2024	523	0090	A1	L	0.1390	0.1650
1530	549	0070	A1	R	0.1270	0.1380
1562	549	0160	A1	R	0.0080	0.0700
1751	549	0160	A1	L	0.0210	0.0440
1752	617	0010	B2	R	3.0130	3.0300
1777	617	0010	B2	R	1.8750	1.8930
1833	617	0010	C2	L	2.9490	2.9680
1887	617	0010	C2	L	1.8620	1.8860
893	636	0020	A1	L	0.6380	0.6580
894	636	0020	A1	R	0.6510	0.6540
41	640	0030	C1	C	0.1550	0.2050
1164	652	0090	A1	L	0.2370	0.2580
537	655	0030	A1	L	0.9240	0.9320
640	655	0030	A1	L	0.8320	0.8410
1160	658	0030	A1	R	0.0170	0.1800
1002	660	0040	A1	L	0.2070	0.2380
64	661	0020	B1	L	0.4980	0.5160
146	661	0030	B1	L	0.0000	0.1790
263	661	0040	B1	L	0.0000	0.0060
1048	661	0040	B1	L	1.9050	1.9590
1159	661	0040	B1	L	1.7460	1.8100

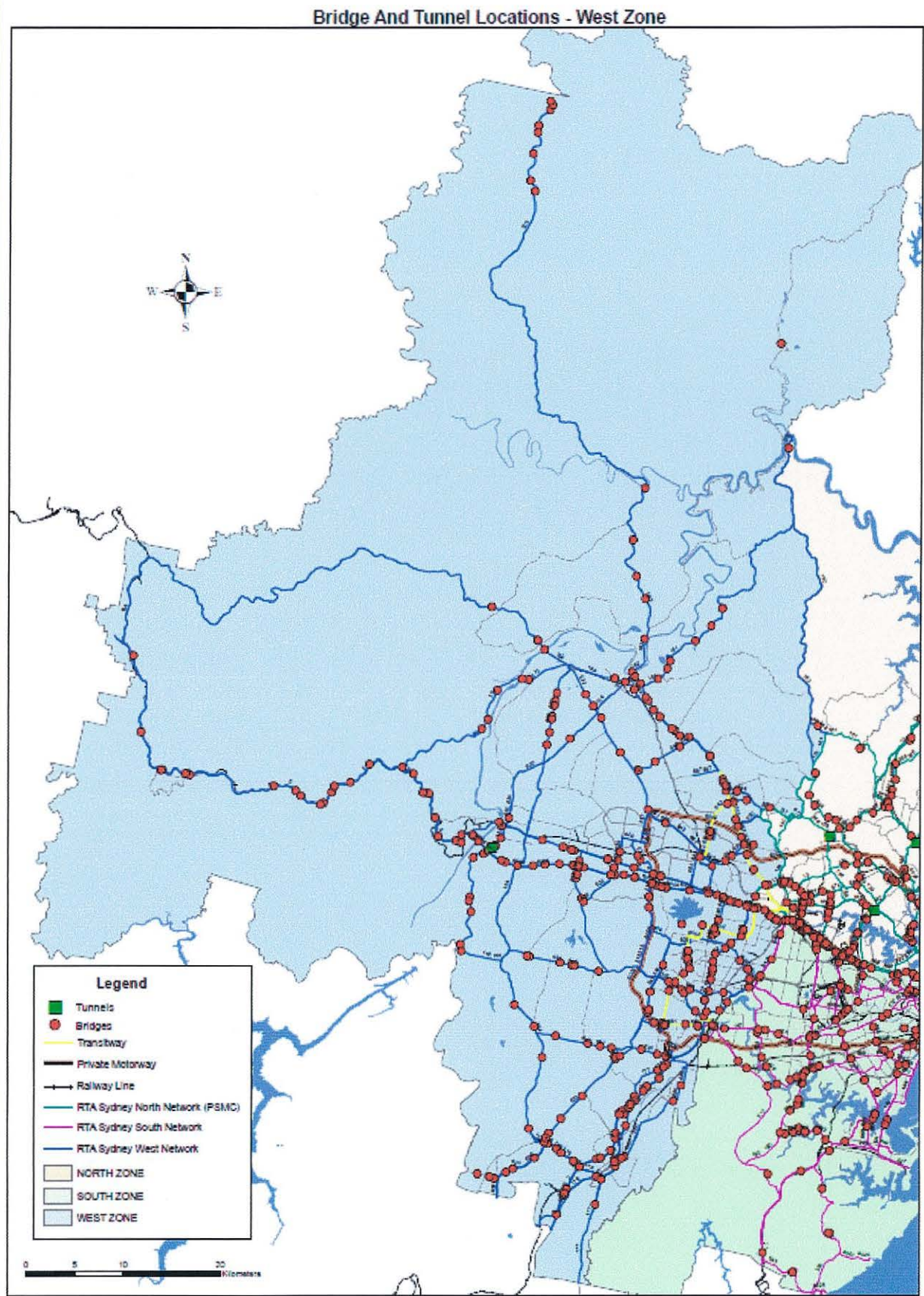
Object No	Road No.	Link No	Cway	Side	Start Offset	End Offset
1276	661	0040	B1	L	1.0050	1.0920
488	663	0030	C1	R	0.0160	0.2230
1274	668	0020	A1	R	1.3170	1.3380
1275	668	0020	A1	L	1.3280	1.3750
2843	7047	0060	A1	L	0.2430	0.2720
2791	7047	0070	A1	L	0.0190	0.0410

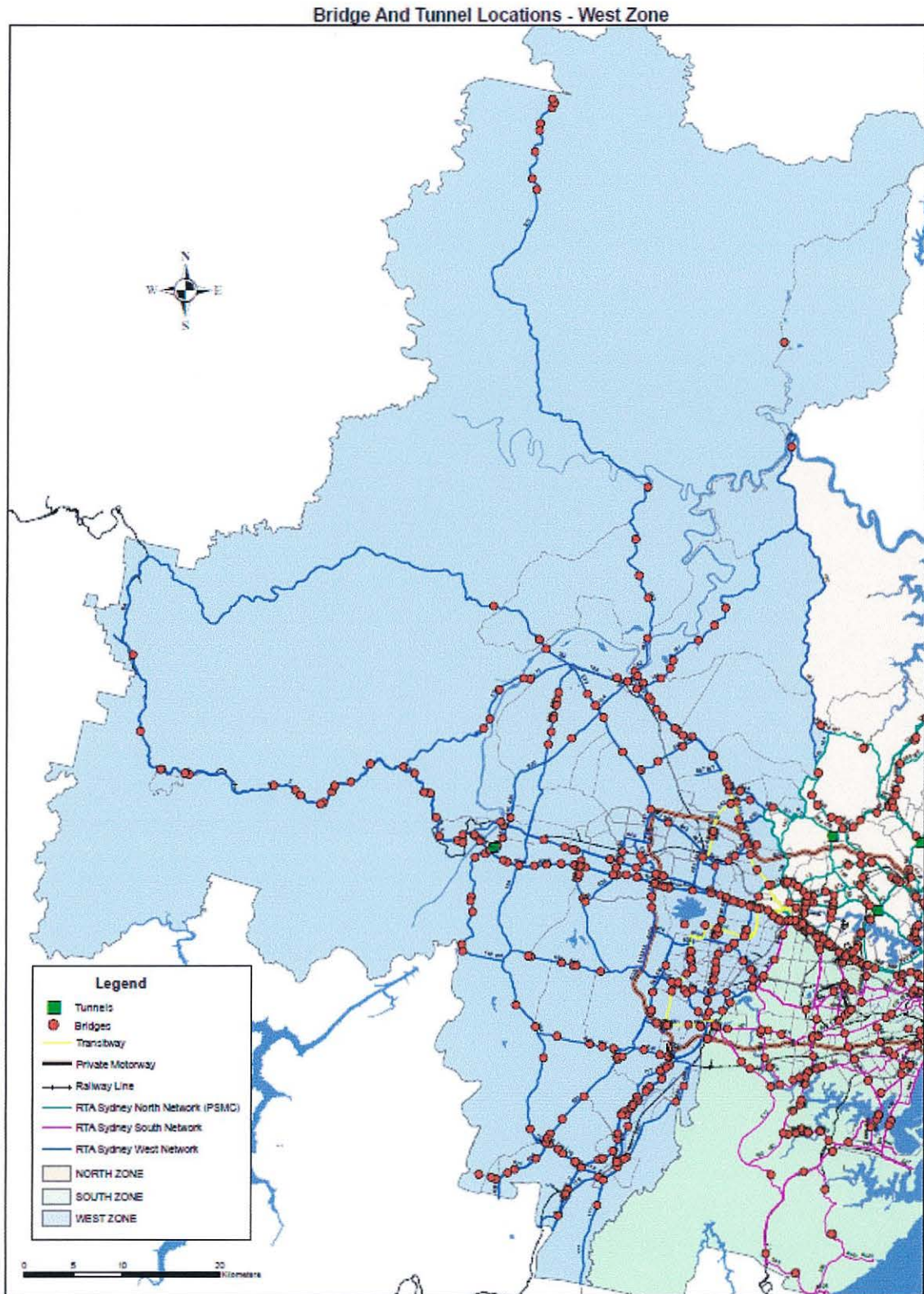
3.6 Bridges and Bridge Sized Culverts

3.6.1 Bridges and Bridge Sized Culverts

Bridge size culverts are defined as a culvert with a span exceeding 6m or 20m² in pipe cross sectional area.

The maps below provide an overview of the bridge locations, whilst the table provides the detail currently available on the RMS asset database. The Service Provider is to note that not all bridges for which it will become the steward is on Contracted Roads, but are bridges for which RMS are responsible.





Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
SYDNEY SOUTH ZONE						
1	1	On-Load Ramp	Occupancies	Ennis Road	321	Concrete
15	18	S/B Western Distributor	Between SHB Toll	Plaza And Day Street	569	Concrete
16	20	N/B Western Distributor	Between SHB Toll	Plaza And Day Street	504	Concrete
21	26	Bridge On Prince's Highway	Over Cook's River	At Tempe	91	Concrete
23	28	Bridge	Over Muddy Creek	At Rockdale	10	Concrete
24	29	Street. Truss Bridge	Over George's River	At Sylvania	499	Steel Truss
25	30	Pedestrian Bridge	Princes Highway @ Clare Street	Sylvania	91	Concrete
28	33	Bridge On Prince's Highway	Illa Railway Line	At South Of Loftus	36	Concrete
31	37	Pedestrian Bridge Over SH5 -	Parramatta Road	At Sydney Uni.	43	Concrete
32	38	Bridge On Brown Street	Over Parramatta Road	At Lewisham	39	Concrete
34	40	Bridge On SH5	Hawthorne Canal	Ashfield	12	Steel Beam
53	61	Bridge On Victoria Road	Over Johnstons Bay	At Glebe Island	108	
54	62	Bridge On MR 165 Over	Access Road To Con-	Tainer Terminal 2	13	
55	64	Bridge On Victoria Road	Abandoned Rail Yd	Rozelle/Giebe Island	42	Steel Beam
56	65	Bridge On Victoria Road	Over Iron Cove	At Drummoyne	468	Steel Truss
68	79	Bridge On Canterbury Road	Over Cooks River	Canterbury	56	Concrete
69	80	Pedestrian Bridge	Over Forest Road	Bexley	46	Steel Beam
71	82	Outfall Sewer	Near Marsh Street	Arncliffe	25	Concrete
72	83	Bridge On Marsh Street	Over Cooks River	Mascot	211	Concrete
73	84	Culvert On Bay Street	Over Muddy Creek	At Rockdale	21	Culvert

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
75	86	Bridge On Botany Road	Over Millpond Creek	Mascot	29	Concrete
76	87	Bunnerong Main	Drain Utilities	Bridge	18	Concrete
77	88	Bridge On Botany Road	Botany Rail Yd	Banksmeadow	34	Concrete
78	89	Bridge On Botany Road	Bunnerong Main Drain	Matrville	16	Concrete
79	90	Culvert On Botany Road	Bunnerong Creek	Matrville	11	Culvert
80	91	Pedestrian Bridge	Over MR172-Bondi By-P	At Nelson Street, Bon.J.	37	Concrete
81	92	Viaduct On MR 172	Bypass At	Bondi Junction	456	Concrete
82	93	Bridge On Bondi Road	Tramway At Bondi	Bondi	9	Steel Beam
83	94	Bridge On Victoria Street	Over MR173	At Darlinghurst	40	Concrete
84	95	Kings Cross Tunnel	Over William Street	King Cross	244	Concrete
85	96	Bridge On Ward Avenue	Over MR173	At King's Cross	27	Concrete
86	97	Pedestrian Bridge At	Roslyn Street	Darlinghurst	123	Concrete
91	102	Bridge On Ricketty Street	Alexandra Canal	Mascot	75	Concrete
92	103	Pedestrian Subway	In Gardeners Road		2	Culvert
93	104	Bridge On Gardeners Road	Over Southern Cross Drive	At Eastlakes	68	Concrete
98	109	Sewer Ramp No1 On	Offloading Ramp	No2 Bridge	19	Concrete
99	110	Sewer Outfall No1	Northbound Carriage way		7	Concrete
100	111	Sewer No2 On	Offloading Ramp	No1 Bridge	13	Concrete
101	112	Sewers No1 And	No2Sthbound Cway		38	Concrete
102	113	Sewer Outfall No2	Northbound Carriage way		10	Concrete
103	114	S/B-MR194 Bridge Over	Foreshore Road, MR617	Botany	51	Concrete
104	115	Airport Tunnel	On General Holmes Drive	At Mascot	379	Concrete

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
105	116	Bridge On General Holmes	Cooks River	Kyeemagh	173	Concrete
107	118	Bridge	Over Georges River	At Taren Point	507	Concrete
108	119	Bridge Over MR199 At	Woodlands Road	Taren Point	61	Concrete
109	120	Culvert On MR 669	Gwawley Creek	Sylvania	14	Culvert
112	123	Pedestrian Bridge	At South Hurstville	School	73	Concrete
116	127	Culvert On MR 549	Stormwater Channel	Near Hampden Road	13	Culvert
117	128	Culvert On MR 549	For Stormwater Channel	Near Juno Parade	18	Culvert
118	129	Br1 On Punchbowl Road	Enfld Goods Rail Yr	Belfield	62	Steel Beam
119	130	Br2 On Punchbowl Road	Delc South Siding Rail	Belfield	22	Steel Beam
120	131	Cooks Rigid Canal At	Punchbowl Road		24	Concrete
126	137	Bridge On Wentworth Avenue	Millpond Creek	Eastlakes	30	Concrete
130	141	C'Way On Audley Road	Over Hacking River	Audley	7	Culvert
131	143	Bridge On MR 393	Over Flat Rock Creek No2	Royal National Park	33	Timber Beam
133	145	Bridge On Kooraban Street.	(MR393) Over SH1	At Waterfall	32	Concrete
138	151	Bridge On MR508	East Of Salt Pan Creek	Peakhurst	23	Concrete
139	152	Bridge On Heathcote Road	Woronora Rigid	Heathcote	126	Concrete
140	153	Bridge On Heathcote Road	Deadmans Creek	Sandy Point	37	Concrete
146	160	Bridge On Cahill Express.	(MR592) Over Macqua-	Rie Street, Circular Q.	29	Concrete
147	161	Cahill Expressway Tunnel	Und Botanic Garden	Conservatorium Road	369	Concrete
148	162	Bridge On Art Gallery Road	Over Cahill Expressway	At The Domain	64	Concrete
150	164	Bridge On MR593 - South	Dowling Street Over Epsom	Road At Kensington	62	Concrete

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
151	165	Aus Golf Club Access	Southern X Drive	Kensington	30	Concrete
152	167	Bridge On Sthn X Drive	MR593 Over King Street	At Eastlakes	10	Concrete
153	168	Bridge.2 On Sthn X Drive -	MR593 Over Access Road	& Lakes Golf Course	13	Concrete
154	169	Bridge.1 On Sthn X Drive -	MR593 Over Access Road	& Lakes Golf Course	14	Concrete
155	170	Bridge On Southern Cross Drive	Millpond Creek	Eastlakes	27	Concrete
159	176	Bridge On Bumborah Point	Bunnerong Outfall	Port Botany	27	Concrete
160	177	Bridge On SR 617	Millpond Creek	Botany	40	Concrete
169	187	Bridge On Bexley Road	Over Bardwell Creek	Bexley North	26	Concrete
171	189	Culvert On Bexley Road	Over Wolli Creek	Earlwood	13	Culvert
172	190	Culvert On Bexley Road	Over Cup & Saucer Creek	Campsie	9	Culvert
178	196	Bridge On Illawarra Road	Over Cook's River	At Undercliffe	60	Steel Beam
183	203	Bridge On Menai Road	Woronora River	Woronora	99	Concrete
191	213	Bridge On SR 650	Hawthorne Canal	Leichhardt	109	Concrete
193	216	Bridge On SR 666	Johnstons Creek	Glebe	36	Concrete
199	222	Bridge On Bayview Avenue	Over Cook's River	At Tempe	49	Steel Beam
200	223	Stormwater	Channel In Parry	Park	10	Concrete
201	224	Bridge Over Storm	Water Channel	Mascot	11	Concrete
202	225	Bradfield Highway	Viaduct Lane 5 & 6	Milsons Point	156	Concrete
203	226	Sydney Harbour Bridge	Sydney Harbour	Sydney	1149	Steel Beam
204	227	Bridge Over Cahill Exp.	On Bradfield Highway	Under SHB Toll Plaza	28	Concrete
205	228	Pedestrian Bridge	Cahill Expressway	Upper Fort Street	14	Concrete
206	230	Pedestrian Bridge	Cahill Expressway	Upper Fort Street	14	Concrete
207	232	Off-Loading Ramp	Over Tunnel Portals	In Argyle Street	121	

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
208	233	Bridge On Cumberland Street	Over Ramp To Bradf'Ld	Highway At Circ. Quay	13	Concrete
209	234	Bridge On Offload Ramp	Over Cumberland Street.	(From Bridge' Field Highway)	18	Concrete
210	235	Bridge On Cahill Exp	City Circle Rail	Circular Quay	496	Steel Beam
211	237	Bridge On Cahill Exp Over	Harrington Street	At Circular Quay	20	Steel Beam
212	238	Pedestrian Bridge	Over Cahill	Expressway Toll Of	11	Steel Beam
219	258	Pedestrian Bridge	Over F4	At Melton Street, Auburn	117	Concrete
245	287	Bridge On Hume	Highway Over Cooks River	South Strathfield	36	Concrete
296	353	Pedestrian Subway Under	MR640-Woodville Road	At Villawood Station	2	Culvert
298	355	Stormwater	Channel At	Woodville Road	10	Culvert
299	356	Bridge On MR640 (Wood-	Ville Road) Over Sydney	Water Supply Pipes	12	Concrete
300	357	Bridge On MR640 Over	Storm Water Channel	At Granville Park	10	Concrete
334	400	Culvert	Over Unnamed Creek	At Revesby	8	Culvert
335	401	Culvert	Over Unnamed Creek	At Bankstown Airport	9	Culvert
336	402	Bridge On MR167	Over George's River	At Milpera	87	Concrete
337	403	Bridge On Newbridge Road	Over Unnamed Creek	Moorebank	27	Concrete
365	432	Bridge On Boorea Street	Over Haslams Creek	Lidcombe	9	Concrete
374	466	N/B Bridge.- Richmond Road	Southern Railway	At Flemington	72	Concrete
390	492	Bridge On H Lawson Drive	Salt Pan Creek	Padstow	189	Concrete
391	494	Bridge On H Lawson Drive	Little Salt Pan Creek	Padstow Heights	53	Concrete
392	495	Culvert On H Lawson Drive	Morgans Creek	Revesby Heights	10	Culvert
393	496	Culvert On H	Unnamed Creek	Picnic Point	10	Culvert

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
		Lawson Drive				
394	497	Culvert On Hld	Kelso Creek	Panania	33	Culvert
395	498	Watercourse At	Keys Parade	Milperra	35	Concrete
396	499	Bridge On Heathcote Road	Williams Creek	Hammondville	22	Concrete
397	500	Bridge On Heathcote Road	Harris Creek	Hammondville	25	Concrete
398	501	Bridge On Newbridge Road	Haig Avenue	Moorebank	16	Steel Beam
399	502	Bridge On Newbridge Road	Railway & George's Rigid	At Liverpool Stn	278	Steel Beam
451	560	Bridge On Davies Road	Over East Hills Railway	At Padstow	13	Concrete
465	577	Culvert On Centenary D	Over Cooks River	At Strathfield	14	Culvert
468	582	Bridge On Alford's Pt Road	Over Georges River	At Alford's Point	461	Concrete
469	583	Bridge On Alford's Pt Road	Cr5016 Over H.Lawson	Drive-MR508 At Padstow	107	Concrete
470	584	Bridge On Stacey Street	Over Bankstown Railway	At Bankstown	90	Concrete
543	6448	Southern Suburbs	Sewer		28	Culvert
544	6449	Southern Suburbs	Sewer-Cover	Structure	270	Concrete
547	6452	Culvert On Botany Road	Springvale Drain	Banksmeadow	8	Culvert
558	6520	Bridge On Clancy Street	Davies Road	Padstow Heights	44	Concrete
569	6737	Bridge Over F4 At	Stubbs Street	At Auburn	77	Concrete
573	6794	Bridge Over Darling	Harbour Goods Yd	(Pe 12 - 17	757	Concrete
574	6797	Bridge Over Darling	Harbour Goods Yard	Enw 7-1 Dnw 4-1	517	Steel Beam
597	6850	Bridge On Flexible.4	Over Deniehy Street	At Rosehill	43	Concrete
609	7268	Pedestrian Bridge	Over SH1 At Forest Road	At Kirrawee	80	Steel Beam
610	7287	Bridge On M4	Duck River	At Granville	300	Concrete
615	7326	Bridge On Fairford	Salt Pan Creek	Bankstown	23	Concrete

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
		Road				
634	7543	Culvert On SR 617	Springvale Drain	Botany	6	Culvert
637	7557	Bridge On MR 393	Over Flat Rock Creek No1	Royal National Park	19	Concrete
638	7558	Offload Ramp - Flexible.4	Over Wentworth Street	At Granville	111	Steel Beam
639	7559	On load Ramp - Flexible.4	Over Wentworth Street	At Granville	181	Steel Beam
652	7635	Bridge On Fairford Road-	Canterbury Road	Bankstown	54	Concrete
664	7768	Cahill Expressway	Under Bradfield Highway	Millers Point	78	Concrete
665	7770	Viaduct Between	Allen & Miller Sts	Pymont E/B	298	Concrete
666	7779	Twin Viaducts Over	Harris Street &	Bulwara Road Ultimo	201	Concrete
667	7780	Twin Viaducts Over	Harris Street &	Bulwara Road Ultimo	216	Concrete
668	7786	Bridge On Ramp To Wd	Over Pedestrian Subway	Harris Street Pymont	7	Concrete
669	7798	N/B Via'T On MR 593	Botany Rigid And Ghd	Botany	387	Steel Beam
670	7799	S/B Via'T On MR 593	Botany Road And Ghd	Botany	357	Steel Beam
671	7806	W/B Offload Ramp-F3	Over Railway, At Allen Street	Pymont (Glebe Is.)	39	Concrete
677	7816	Pedestrian Bridge	Over Victoria Road	At White Bay	133	Steel Beam
678	7817	Pedestrian Bridge Over	MR508-H.Lawson Drive	At Peakhurst	124	Concrete
684	7838	Bridge On SH1 S/B	Over George's River	At Tom Ugly's Point	594	Steel Beam
692	7875	Pedestrian Bridge	Over Menai Road Near	Yala Road Bangor	2	Steel Truss
694	7884	Bridge On The Grand Parade	Illa Railway & Local Road	At Sutherland	122	Steel Beam
696	7889	Sthn X Drive-MR 593	Wentworth Avenue	Eastlakes	100	Steel Beam
698	7916	Bridge	Over MR190 At Old	Illawarra Road, Menai	63	Concrete

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
699	7917	Bridge On Brushwood Drive	Over Alford's Pt Road	At Menai	65	Concrete
700	7918	Pedestrian Bridge Over	Stoney Creek Road Sr665	At Beverly Hills	35	Steel Beam
701	7919	Pedestrian Bridge Near Stoney	Over King Georges Road	At Penshurst	31	Steel Beam
703	7946	Pedestrian Bridge	Over MR523-Harris Street	At Pymont	99	Steel Beam
711	8012	On load Ramp Under	MR165-Victoria Road	At Rozelle	70	Steel Beam
726	8037	Bridge On Centenary Drive	Southern Railway	At Homebush West	86	Steel Beam
745	8094	Bridge On The Crescent	Over Whites Creek	At Rozelle (New Bridge)	13	Concrete
752	8244	Pedestrian Underpass U/N	Centenary Avenue Near	Flemington, H'West	31	Culvert
760	8252	Pedestrian Bridge	Over Menai Road Near	Akuna Avenue At Bangor	46	Steel Truss
773	8266	Bridge On Street Hilliers Rigid	Over Silverwater Drive 400M	South Of SH5 Auburn	7	Concrete
775	8268	Pedestrian Bridge	Over SH1 At Hogben Street	Kogarah	134	Concrete
776	8269	Bridge On C'Bury Road Over	Unnamed Creek East Of	James Street, Punchbowl	6	Culvert
793	8357	Bridge On The Mckel	Avenue Over Hacking River	At Fosters Flat	51	Concrete
827	8407	IBM Centre	Over MR 165	Darling Harbour	12	Concrete
828	8408	Tunnel	Over Cahill Express Way	Hotel Ana Sydney	37	Concrete
830	8467	Pedestrian Bridge Near Shorter	Over King Georges Road	Beverly Hills	111	Steel Truss
831	8468	Pedestrian Bridge Near Fort Street	Over Parramatta Road	Petersham	176	Concrete
840	8515	Pedestrian Bridge	Over Princes Highway Nr	Hotham Road, Kirrawee	118	Concrete
843	7822	Tunnel Over MR 165	Under Hotel Nikko	Darling Harbour	35	Concrete
7419	7900	Bridge On Jones Street	Over Fig Street	Pymont	12	Concrete

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
7420	7901	Bridge On Jones La	Over Fig Street	Pymont	13	Concrete
7421	7902	Bridge On Bulwara Rigid	Over Fig Street	Pymont	12	Concrete
7429	8095	Wb Bridge On MR 650	Dhbur Goods Rail	At Lilyfield	19	Concrete
7524	289	Culvert	Over Unnamed Creek	At Chullora	9	Culvert
7527	8531	W/B Viaducts & Ramp	Alan Street To Gi Bridge	W1-W18&Wr1-Wr7	712	Concrete
7529	8532	EB Viaducts And Ramp	Alan Street - Gi Bridge	E9 - E16 & Er1 - Er	496	Steel Beam
7530	8533	Bridge 2 Span	Light Rail	Pymont	84	Concrete
7531	8534	Bridge On Pymont Road	Dh Rail (Middle Bridge)	Pymont	14	Concrete
7532	8535	Anzac Bridge	Johnstons Bay	Pymont	805	Concrete
7533	8536	Pedestrian Bridge & C'Way	Quarry Master Drive	Pymont	162	
7700	8580	Pedestrian Bridge	SH2 Nr Hedges Avenue	South Strathfield	133	Concrete
7704	8565	Viaduct Over	Darling Harbour	(Park 2-4 & Pe 17 W)	228	Concrete
7705	8566	Bridge Over Darling	Harbour Goods Yard	(Pe1-11)	326	Concrete
7706	8567	Ramp From Harris Street	Pymont Street	Darling Harbour	162	Steel Beam
7707	8568	Ramp Off To	Bathurst Street	Darling Harbour	370	Steel Beam
7708	8562	Ramp From Druitt Street	Over (Enw)	Darling Harbour	387	Concrete
7709	8563	Ramp To Harris(Eh)	Darling Harbour	Darling Harbour	438	Concrete
7716	7915	On Ramp (Mp)	Enw From Market Street	Darling Harbour	57	Concrete
7723	8564	Utility Tunnel Und	Ramp To Bathurst Street	Darling Harbour	18	
7727	8606	Pedestrian Underpass	U/Bradfield Highway	Argyle Street	6	Culvert
7728	8607	Three Arch Spans	U/Bradfield Highway	Dawes Point	84	Concrete

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
7729	8608	Arch Structure	U/Bradfield Highway	Argyle Street, The Rock	21	Concrete
7730	8609	Arch Structure	U/Bradfield Highway	Fitzroy Street, Milsons	21	Concrete
7731	8610	Arch Structure	U/Bradfield Highway	Burton Street, Milsons	19	Concrete
7924	8775	Under Pass Under	Kent Street(N) Approach	Sydney	6	Concrete
7925	8776	Underpass Under	Kent/Claren Connect	Sydney	6	Concrete
7926	8777	Underpass Under	Clarence E/Approach	Sydney	6	Concrete
7927	8778	Underpass Under	Clarence W/Approach	Sydney	6	Concrete
7952	8799	Bridge On SR 200	Over SH2	Strathfield	194	Steel Beam
7957	8806	Bridge On SH2 (E.B)	Enfield Goods Rail	South Strathfield	18	Concrete
8084	8928	Struct/Darlig Park 2	SR 165	Darling Harbour	0	Concrete
8194	9011	New Bridge On SR 650	Hawthorn Canal	Lilyfield	130	
8195	9033	Bridge On SR 650	Iron Cove	Haberfield	56	
8199	9012	Bridge On SR 650+652	Rozelle Goods Rail	James Street, Lilyfield	322	Concrete
8200	9013	Pedestrian Bridge	SR 650	Charles Street Lilyfield	2	
8313	9057	Bridge On River Road	Woronora River	Woronora	513	Concrete
8345	9188	E/B Bridge On MR650	D Hbour Goods Rail	Lilyfield	308	Concrete
8351	9189	Cycleway BR1 Anz End	N W Approach To Anz	Rozelle	105	Concrete
8622	9441	Pedestrian Bridge	Bexley Road	Kingsgrove	3	Steel Beam
8776	9408	Culvert On Henry Lawson	Unnamed Creek-Monash Rigid	East Hills	6	Culvert
8783	9583	Pedestrian Bridge	Over Anzac Parade	Maroubra	118	Concrete
8914	9612	Pedestrian Bridge	Princes Highway	Arncliffe School	62	Steel Truss

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

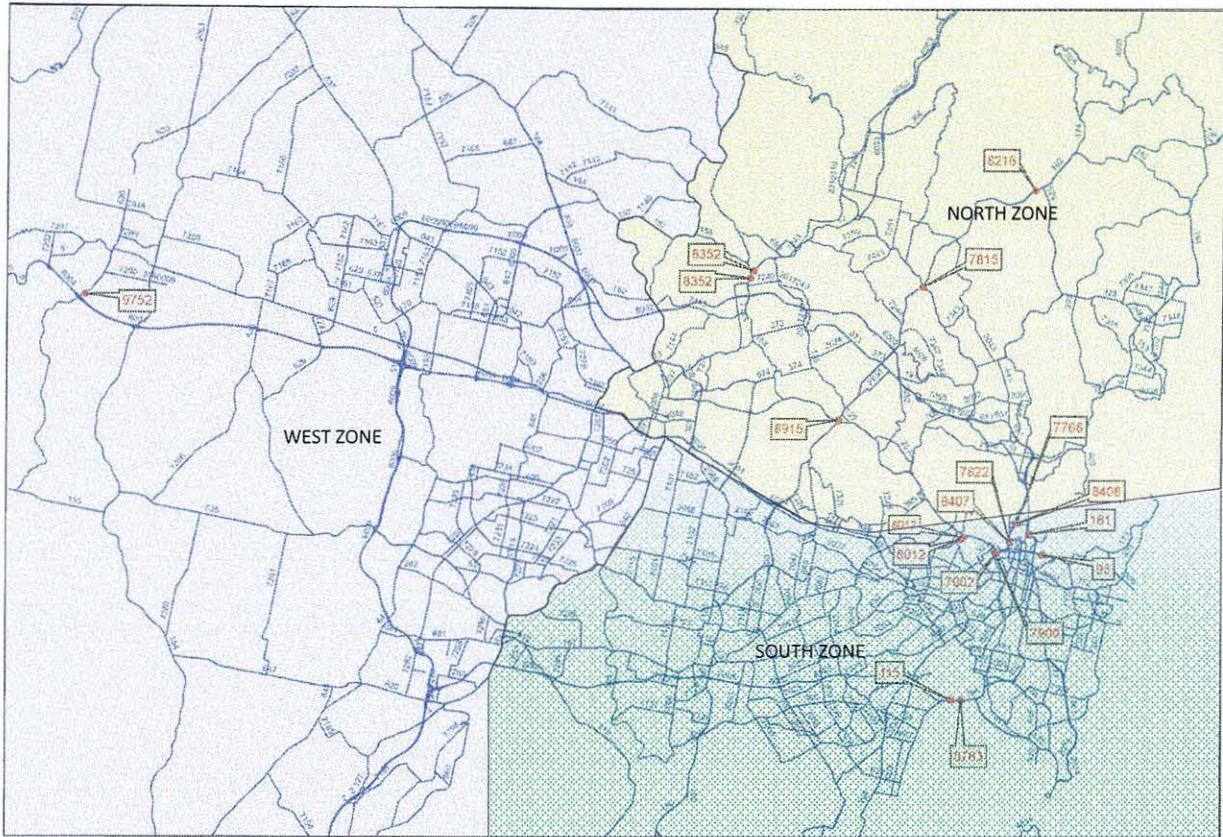
Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
8933	9695	Pedestrian Bridge	The Boulevard	Strathfield	73	Concrete
9042	9734	Bridge On Akuna Avenue	Bangor By Pass	Bangor	41	Concrete
9043	9735	Road Bridge On Bangor Bp	Shackel Road	Bangor	14	Concrete
9044	9736	Bridge On Bagor Bp	Anzac Road	Bangor	14	Concrete
9045	9737	Road Bridge On Carter Road	Bangor By Pass	Menai	30	Concrete
9064	9738	Road Bridge On Bngr Bypass	Old Illawarra Road	Menai	19	Concrete
9065	9785	Pedestrian Bridge at Kegw Street	Tebbutt Street	Leichhardt	33	Concrete
9169	10094	Bridge On Cycleway	Duck River Nr Dk Street	Granville	101	Concrete
9170	10095	Bridge On M4 Cycleway	Duck Canal Nr Dk Street	Auburn	13	Concrete
9180	10105	Pedestrian Bridge	Victoria Road	Rozelle	128	Steel Beam
9197	10120	Pedestrian Bridge	King Georges Road	Wiley Park	34	Concrete
9203	10149	Cycleway BR2 Vic End	New Approach To Anzac Bridge	Rozelle	96	Concrete
9206	10152	Pedestrian Bridge	SH2 Nr Yag Pr School	Yagoona	29	Concrete
9207	10153	Pedestrian Bridge Nr Church Street	Canterbury Road	Canterbury	33	Concrete
9234	10165	Bridge On MR190	Georges River	Alfords Point	445	Concrete
9450	10242	Pedestrian Bridge	Princes Highway	Blakehurst	34	Concrete
9566	10355	Pedestrian Bridge At Bland Street	SH5	Haberfield	27	Steel Beam
9691	10570	Wb Bridge On MR 165	Iron Cove	Rozelle	481	
9692	10571	Shared Path	Victoria Road	Rozelle	40	
9735	10614	SB Bridge On MR 190	H Lawson Drive	Padstow Heights	0	Steel Beam
9785	10664	Pedestrian Bridge Nr Botany Road	Foreshore Road	Banksmeadow	173	Concrete
9989	10866	Tunnel At Toll	Under M4	Auburn	3	Culvert

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
		Booth				

3.7 Schedule of Tunnels & Tunnel Assets

The map below illustrates tunnel locations in the Sydney Road Network. The schedule in the table following indicates descriptions of the tunnels including those indicated in the North Zone that are to be maintained under the SMC

Tunnels with Sydney Zone Boundaries Indicated



3.7.1 Schedules of Tunnels

Tunnel Name	Tunnel number	Tunnel Name	Location Description	Overall Length [m]
SYDNEY SOUTH ZONE				
Mascot Tunnel	115	Airport Tunnel on General Holmes Drive	At Mascot	379
Fig Street Tunnel	7900	Bridge on Jones Street over Fig Street	Pyrmont	12

Tunnel Name	Tunnel number	Tunnel Name	Location Description	Overall Length [m]
Unnamed Tunnel	7902	Bridge on Bulwara Road over Fig Street	Pymont	12
Kings Cross Tunnel	95	Kings Cross Tunnel over William Street	Kings Cross	244
Cahill Expressway Tunnel	161	Cahill Expressway Tunnel under Botanic Garden	Conservatorium Road	369
Shangri-La Tunnel	8408	Tunnel over Cahill Express Way	Hotel ANA Sydney	37
Bradfield Tunnel	7768	Cahill Expressway under Bradfield Highway	Millers Point	78
Corn Exchange Tunnel	7822	Tunnel over MR 165 under Hotel Nikko	Darling Harbour	35
Darling Park Tunnel	8407	IBM Centre over MR 165	Darling Harbour	12
White Bay Tunnel	8012	On load Ramp under MR 165, Victoria Road	At Rozelle	70

3.7.2 Schedules of Tunnel Assets

The following lists the associated assets related to a number of tunnels to be maintained under the SMC.

3.7.3 Sydney Tunnel Schedule - Electrical Inventory

The inclusion of the following table of electrical inventory is for the purpose of giving an indicative quantity of the items to be maintained under the SMC. It is not an exhaustive list of electrical items, and quantities may vary on site from the table listed below.

Tunnel Name	Tunnel number	Tunnel Name	Items included in the service (indicative quantity, where available)							
			Lighting	Power	Ventilation	CO Monitoring	Fire System	Drainage	General	
SYDNEY SOUTH ZONE										
Mascot Tunnel	115	Airport Tunnel on General Holmes Drive	<ul style="list-style-type: none"> • Circuit Breakers (133) • Fuses (15) • AC Contractor (7) • Light Control 	<ul style="list-style-type: none"> • Motor Control Centre (1) • Generator Control Board • Generator Cabinet • Generator • Acceleration Solenoid • Generator Battery (1) • Distribution Boards • Contactors (11) • Fuses (18) 	<ul style="list-style-type: none"> • Electric Motors (12) • Isolators (12) 	<ul style="list-style-type: none"> • Data Logger • Power Supply • Modem • Power Supply Converter • Relays (7) • DC Voltage • PLC • Switch (1) • LED (4) 	<ul style="list-style-type: none"> • Fire Cabinet (5) 	<ul style="list-style-type: none"> • Electric Motors (4) • Isolator (6) • Limit Switch (4) 	<ul style="list-style-type: none"> • Surveillance: CCTV (2) 	
Fig Street Tunnel	7900	Bridge on Jones Street over Fig Street	<ul style="list-style-type: none"> • Circuit Breakers (21) • Lighting Control Unit • Timer (3) • Relay (2) • Sensors (2) • Distribution Board Fan (1) 						<ul style="list-style-type: none"> • Electric Motors (4) • Isolator (6) • Limit Switch (4) 	
	7902	Bridge on Bulwara Road over Fig Street	INFO MISSING							
Kings Cross Tunnel	95	Kings Cross Tunnel over William Street		<ul style="list-style-type: none"> • Power Supply Units (2) • Power Factor Correction System 	<ul style="list-style-type: none"> • Exhaust/Intake Fan Controls 	<ul style="list-style-type: none"> • Data Logger • Power Supply (1) • Modem • CO Sensor (8) • Uninterrupted Power Supply - UPS • Batteries for UPS (4) 			<ul style="list-style-type: none"> • Plant Monitoring: Switches (9) • Black Box 	

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Tunnel Name	Tunnel number	Tunnel Name	Items included in the service (indicative quantity, where available)						
			Lighting	Power	Ventilation	CO Monitoring	Fire System	Drainage	General
Cahill Expressway Tunnel	161	Cahill Expressway Tunnel under Botanic Garden	<ul style="list-style-type: none"> • Circuit Breakers (112) • Lighting Control Unit 		<u>Exhaust/Intake Fan Controls:</u> <ul style="list-style-type: none"> • AC Contractor (4 for Exhaust, 3 for intake) • Thermal Overload Relay (1) • Transformer (1) • Relay (1) 	<ul style="list-style-type: none"> • Data Logger • Power Supply Unit • Carbon Monoxide Monitor 			<u>Power Backup System:</u> <ul style="list-style-type: none"> • AC Uninterrupted Power Supply [UPS] System • UPS Batteries (32)
Shangri-La Tunnel	8408	Tunnel over Cahill Express Way	<ul style="list-style-type: none"> • Lighting Control Unit <u>Lighting Switchboards:</u> <ul style="list-style-type: none"> • Transformer • Circuit Breakers (2) 			<u>Carbon Monoxide Monitor:</u> <ul style="list-style-type: none"> • CO Monitor Unit • Circuit Breaker 		<u>Drainage Control Unit:</u> <ul style="list-style-type: none"> • Circuit Breaker (3) • Three-Way Switch (3) 	
Bradfield Tunnel	7768	Cahill Expressway under Bradfield Highway	<ul style="list-style-type: none"> • Lighting Control Unit <u>Lighting Switchboards:</u> <ul style="list-style-type: none"> • Stage 1 Switches (24) • Stage 2 Switches (24) • Stage 3 Switches (3) • Stage 4 Switches (9) • Stage 5 Switches (16) 			<ul style="list-style-type: none"> • Data Logger • Power Supply Unit (1) • CO Monitor Unit 			<u>Power Backup System:</u> <ul style="list-style-type: none"> • Uninterrupted Power Supply [UPS] System
Com Exchange Tunnel	7822	Tunnel over MR 165 under Hotel Nikko	<ul style="list-style-type: none"> • Lighting Control Unit (2) <u>Lighting Switchboards:</u> <ul style="list-style-type: none"> • Stage 1 Circuit Breakers (4) • Stage 2 Circuit Breakers (4) • Stage 3 Circuit Breakers (4) • Stage 4 Circuit Breakers (4) • Stage 5 Circuit Breakers (7) 						<ul style="list-style-type: none"> • Main Power Switch • Ammeter (3) • Contactor

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Tunnel Name	Tunnel number	Tunnel Name	Items included in the service (indicative quantity, where available)						
			Lighting	Power	Ventilation	CO Monitoring	Fire System	Drainage	General
Darling Park Tunnel	8407	IBM Centre over MR 165	<ul style="list-style-type: none"> • Lighting Control Unit <u>Lighting Switchboards:</u> <ul style="list-style-type: none"> • Stage 1 Circuit Breakers (34 for west, 44 for east) • Stage 2 Circuit Breakers (35) • Stage 3 Circuit Breakers(19) • Stage 4 Circuit Breakers (7) • Stage 5 Circuit Breakers (7) 		<ul style="list-style-type: none"> • Fan System – Three-way Switch (3) 				<u>Fan System:</u> <ul style="list-style-type: none"> • Three-way switch (3)
		On load Ramp under MR 165, Victoria Road	<ul style="list-style-type: none"> • Lighting Control Unit <u>Lighting Switchboards:</u> <ul style="list-style-type: none"> • Stage 1 Circuit Breakers (5) • Stage 2 Circuit Breakers (6) • Stage 3 Circuit Breakers (6) • Stage 4 Circuit Breakers (6) • Stage 5 Circuit Breakers (12) <u>Miscellaneous Light and Power:</u> <ul style="list-style-type: none"> • Circuit Breakers (5) • Switch (6) 						<ul style="list-style-type: none"> • Main Power Switch • Sump Pump Switch • Indicators (18) • Relays (4) • Ammeter • Switches (2) • Sump Pump Timer • Height Sensor

3.7.4 Sydney Tunnel Schedule – Mechanical Inventory

The inclusion of the following table of mechanical inventory is for the purpose of giving an indicative quantity of the items to be maintained under the SMC. It is not an exhaustive list of mechanical items, and quantities may vary on site from the table listed below.

Tunnel Name	Tunnel number	Tunnel Name	Items included in the service (indicative quantity, where available)						General
			Lighting	Power	Ventilation	CO Monitoring	Fire System	Drainage	
SYDNEY SOUTH ZONE									
Mascot Tunnel	115	Airport Tunnel on General Holmes Drive		<u>Power Backup System:</u> <ul style="list-style-type: none"> Standby Generator (1) Generator Solenoid Battery 	<ul style="list-style-type: none"> Exhaust Fan (12) Accessories – Frame (12) 	<ul style="list-style-type: none"> Vacuum Pumps (3 in Zone 1, 2 & 3; 2 in Zone 4) Pressure Equalisers (4) Pressure Switches (4) CO Sensors (4) Filters (4) 	<ul style="list-style-type: none"> CO2 Fire Bottles – fixed (13) CO2 Fire Bottles – portable (14) Form extinguisher (1) A:B (E) Powder (1) 	<ul style="list-style-type: none"> Sump Pump, Type 1 (2) Sump Pump, Type 2 (2) Pulleys (5) 	<ul style="list-style-type: none"> CCTV Cameras (13) Smoke Detectors (8) Smart Stud Painted concrete wall lining Emergency Telephone System (2) Advisory/Warning Signs <u>Traffic Monitoring & Control Devices:</u> <ul style="list-style-type: none"> Equipment Box Signals Manual Switch Traffic Monitoring & Control Plans <u>Height Detection System:</u> <ul style="list-style-type: none"> Height Detector (6)
Fig Street Tunnel	7900	Bridge on Jones Street over Fig Street		No power backup system	No ventilation system	No CO monitoring system	<ul style="list-style-type: none"> Hydrant Points 	Drainage via Sydney Water drainage system	<ul style="list-style-type: none"> Rock Face tunnel walls
	7902	Bridge on Bulwara Road over Fig Street	INFO MISSING						
Kings Cross Tunnel	95	Kings Cross Tunnel over William Street		<u>Power Backup System:</u> <p>De-energisation of the mains failure with Uninterrupted Power Supply [UPS] System, found inside the control room.</p>	<ul style="list-style-type: none"> Eastbound Fans (6) Soft Starter Westbound Fans Damper Actuator 	<ul style="list-style-type: none"> Vacuum Pump – new (1) Vacuum Pump – old Suction Manifold Data Taker (1) CO Sensor/Gas Detector (8) Filters (2) Modem 	<ul style="list-style-type: none"> CO2 Fire Bottles – fixed (13) CO2 Fire Bottles – portable (14) Form Extinguisher (1) A:B (E) Powder (1) 	Drainage via Sydney Water drainage system	<ul style="list-style-type: none"> Emergency Telephones (4) Tunnel walls comprise coloured AC sheeting Advisory/Warning Signs "Low Clearance" Signs (2) Warning Traffic Lights (2) "When Stopped Switch Off Engine" signs (10) Traffic Monitoring & Control Plans

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Tunnel Name	Tunnel number	Tunnel Name	Items included in the service (indicative quantity, where available)						
			Lighting	Power	Ventilation	CO Monitoring	Fire System	Drainage	General
Cahill Expressway Tunnel	161	Cahill Expressway Tunnel under Botanic Garden		<ul style="list-style-type: none"> Power Backup System: <ul style="list-style-type: none"> Standby Generator Battery for Generator 	<ul style="list-style-type: none"> Supply Fans (8) Exhaust Fans (8) Bearings (32) Drive Belts (56) Drive Pulleys – 2 Types (16) 	<ul style="list-style-type: none"> Vacuum Pumps (4) Pressure Equalisers (4) CO Sensors (4) Pressure Switches (4) Filters (4) 	<ul style="list-style-type: none"> CO2 Fire Bottles – fixed (15) Limit Switch Box (2) Pressure Switch (3) Form Extinguisher (1) A:B (E) Powder (6) Pressure Gauges (2) Water Pump 	<ul style="list-style-type: none"> Water and sewerage drainage system connect to Sydney Water System 	<ul style="list-style-type: none"> Intercom (29) PA System Tiled tunnel wall lining with white tiles Emergency Telephone System Advisory/Warning Signs Traffic Monitoring & Control Plans
Shangri-La Tunnel	8408	Tunnel over Cahill Express Way			<ul style="list-style-type: none"> Supply Fans – Type 1 (4) Supply Fans – Type 2 (2) 	<ul style="list-style-type: none"> Vacuum Pumps (1) CO Level Indicator (1) CO Sensors (1) Pressure Switches (1) Filters (1) 	<ul style="list-style-type: none"> Fire Sprinkler System 	<ul style="list-style-type: none"> Sump Pumps (2) Subsoil Drainage Pump Controls Switchboard 	<ul style="list-style-type: none"> Painted concrete wall lining Advisory/Warning Signs
Bradfield Tunnel	7768	Cahill Expressway under Bradfield Highway			<ul style="list-style-type: none"> Supply Fans – Type 1 (4) Supply Fans – Type 2 (2) 	<ul style="list-style-type: none"> Vacuum Pumps (2) Alarm (2) CO Sensors (2) Pressure Switches (2) Filters (2) Data Taker (1) 	<ul style="list-style-type: none"> CO2 Fire Bottles – portable (2) 	<ul style="list-style-type: none"> Drainage via Sydney Water drainage system 	<ul style="list-style-type: none"> Tiled tunnel wall lining with white tiles Advisory/Warning Signs
Com Exchange Tunnel	7822	Tunnel over MR 165 under Hotel Nikko		No power backup system	No ventilation system	No CO monitoring system	<ul style="list-style-type: none"> Hydrant Points (3) Water Sprinkler System 	<ul style="list-style-type: none"> Drainage via Sydney Water drainage system 	<ul style="list-style-type: none"> Concrete tunnel wall lining No height detection system No emergency telephone system No advisory/warning signs No traffic monitoring/control plans

Stewardship Maintenance Contract (SMC) – Sydney South Zone – Asset Definition Specification

Tunnel Name	Tunnel number	Tunnel Name	Items included in the service (indicative quantity, where available)						General
			Lighting	Power	Ventilation	CO Monitoring	Fire System	Drainage	
Darling Park Tunnel	8407	IBM Centre over MR 165		No power backup system	Ventilation maintained by others (excluded from SMC)	Ventilation maintained by others (excluded from SMC)	<ul style="list-style-type: none"> Hydrant Points (3) Water Sprinkler System 	Drainage via Sydney Water drainage system	<ul style="list-style-type: none"> Painted concrete tunnel tall lining No height detection system No emergency telephone system No advisory/warning signs Standard Traffic Control Plan is used in this tunnel
White Bay Tunnel	8012	On load Ramp under MR 165, Victoria Road		No power backup system	No ventilation system	No CO monitoring system	No fire system	<ul style="list-style-type: none"> Sump Pump (3) 	<ul style="list-style-type: none"> Painted fibrous cement tunnel wall Lining Advisory/Warning Signs (2) Pile Cathodic Protection Unit No height detection system No emergency telephone system No traffic monitoring/control plans

Stewardship Maintenance Contracts (SMCs) – Sydney North Zone

Exhibit 1 – Asset Definition Specification

9 October 2013

Contents

1.	Introduction	4
1.1	General	4
2	Asset Definition	5
2.1	Zone Boundary Maps	5
2.2	Definition of Nominal Work Limits	8
2.3	Maintenance Responsibility Diagrams	11
2.4	The Road Network	30
3	Detailed Asset Schedule	31
3.1	Schedule of Pavement Related Assets	31
3.1.1	Off-Road Cycleways	31
3.1.2	Controlled Access Roads	31
3.1.3	Pavement Schedule	31
3.2	Schedule of Corridor Related Assets	31
3.2.1	Ground Vegetation Control Areas	31
3.2.2	Herbicide Spraying Omission Areas	31
3.2.3	Landscaped Areas	31
3.2.4	Boundary Fencing (Chainwire & Rural Fencing)	31
3.2.5	Fauna Fencing	31
3.2.6	Noise Barriers	31
3.2.7	Vacant Property	32
3.2.8	Slopes and Retaining Walls	32
3.2.9	Sensitive Areas and Zones	32
3.2.10	Stockpile Sites	32
3.2.11	Street Light Assets	33
3.2.12	Navigation Lights	35
3.3	Schedule of Operational Assets	35
3.3.1	Rest Areas and Toilets	35
3.3.2	Truck Arrestor	35
3.3.3	Heavy Vehicle Inspection Bays	35
3.3.4	Over Height Vehicle Warning Systems	36
3.3.5	Schedule of Detour Route Operations, Tidal Flows & Gates	36
3.3.6	Roadside Telephones	36
3.3.7	Schedule of Lifts	36
3.4	Drainage Systems	37
3.4.1	Stormwater Devices	37
3.4.2	Culverts	37
3.5	Traffic Facility Assets	37
3.5.1	Signs and Delineation	37
3.5.2	Bollards	37
3.5.3	Concrete Barrier – Type F Full	37
3.5.4	Fence Chain Wire	37
3.5.5	Other Safety Barriers	37
3.5.6	Thrie Beam	37
3.5.7	W-Beam Steel Posts	37
3.5.8	W-Beam Timber Posts	37
3.5.9	Wire Rope	37
3.5.10	Rockfall Fencing	38
3.5.11	Pedestrian Fencing	38
3.6	Bridges and Bridge Sized Culverts	38
3.6.1	Bridges and Bridge Sized Culverts	38
3.7	Schedule of Tunnels & Tunnel Assets	53

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

3.7.1	Schedules of Tunnels	53
3.7.2	Schedules of Tunnel Assets	53
3.7.3	Sydney Tunnel Schedule - Electrical Inventory	54
3.7.4	Sydney Tunnel Schedule – Mechanical Inventory.....	56

1. Introduction

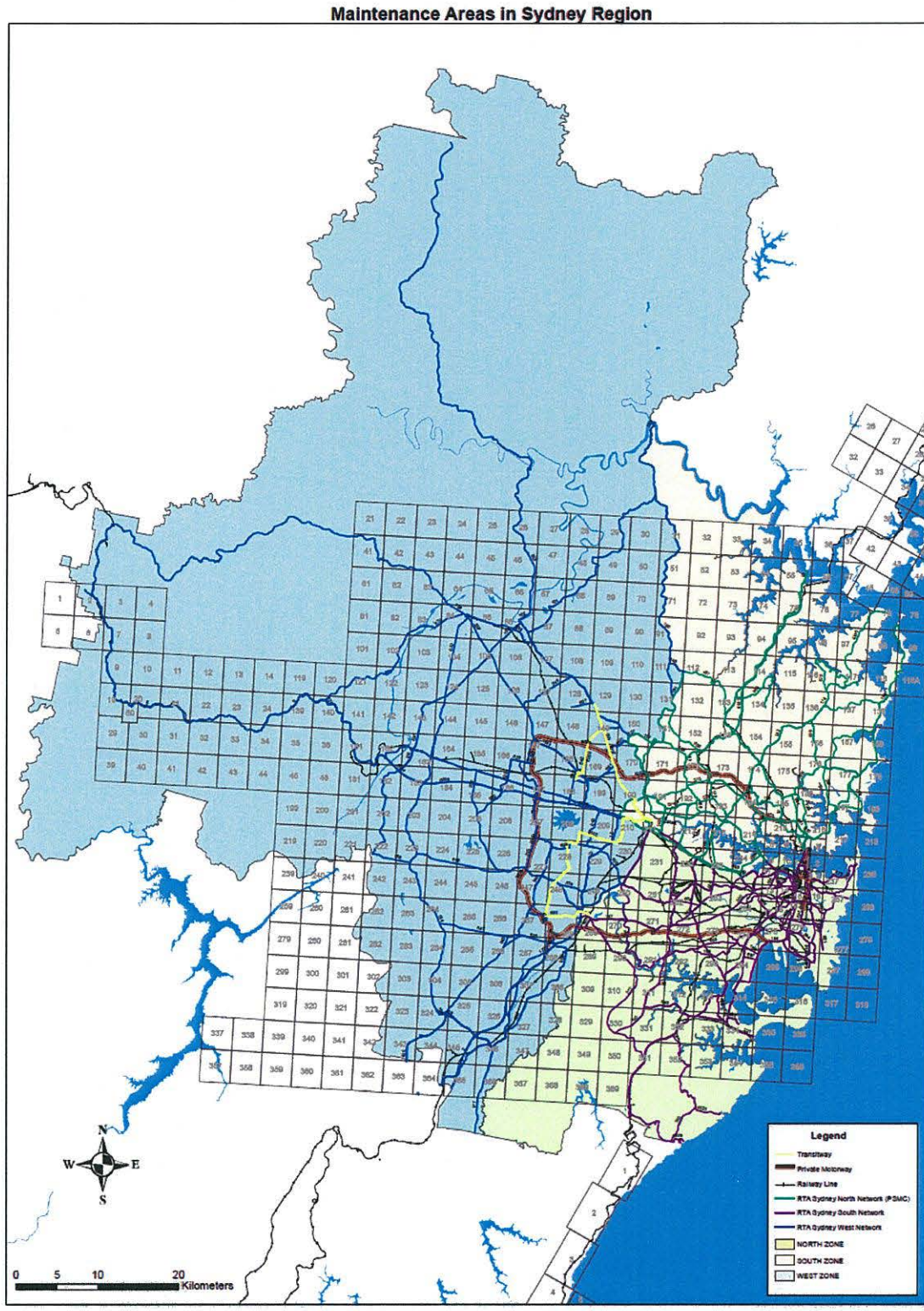
1.1 General

- 1.1.1 This Asset Definition Specification has been developed specifically for the Stewardship Maintenance Contract (SMC) – Sydney.
- 1.1.2 This Specification sets out the Assets for which the Service Provider will be responsible for managing. The Service Provider will manage the Assets accordingly including:
- (i) Asset management planning;
 - (ii) Maintenance;
 - (iii) Development and delivery of improvement projects/programs;
 - (iv) Development and delivery of maintenance renewal projects/programs.
- 1.1.3 This specification also provides details and features of the Assets such as inventory information, subnetwork ranks, risk ratings, construction material and location details. Further details are available from RMS Asset Management System databases.
- 1.1.4 The Assets include:
- Any assets located on a Contract Road (defined in Section 2.4) within the Nominal Work Limits (defined in Section 2.2 and 2.3); and
 - Any other assets listed in the Detailed Asset Schedules (defined in Section 3).
- 1.1.5 The Assets do not include any assets described as Excluded Assets in the SMC Services Requirements.
- 1.1.6 Technical terms and abbreviations used in this Specification are as defined in the General Conditions.
- 1.1.7 The Assets outlined in the specification are comprehensive but may not reflect every asset under RMS ownership or control. The Service Provider must maintain its own Asset Management System that includes all of the Assets including additions, removals and changes to the Assets.

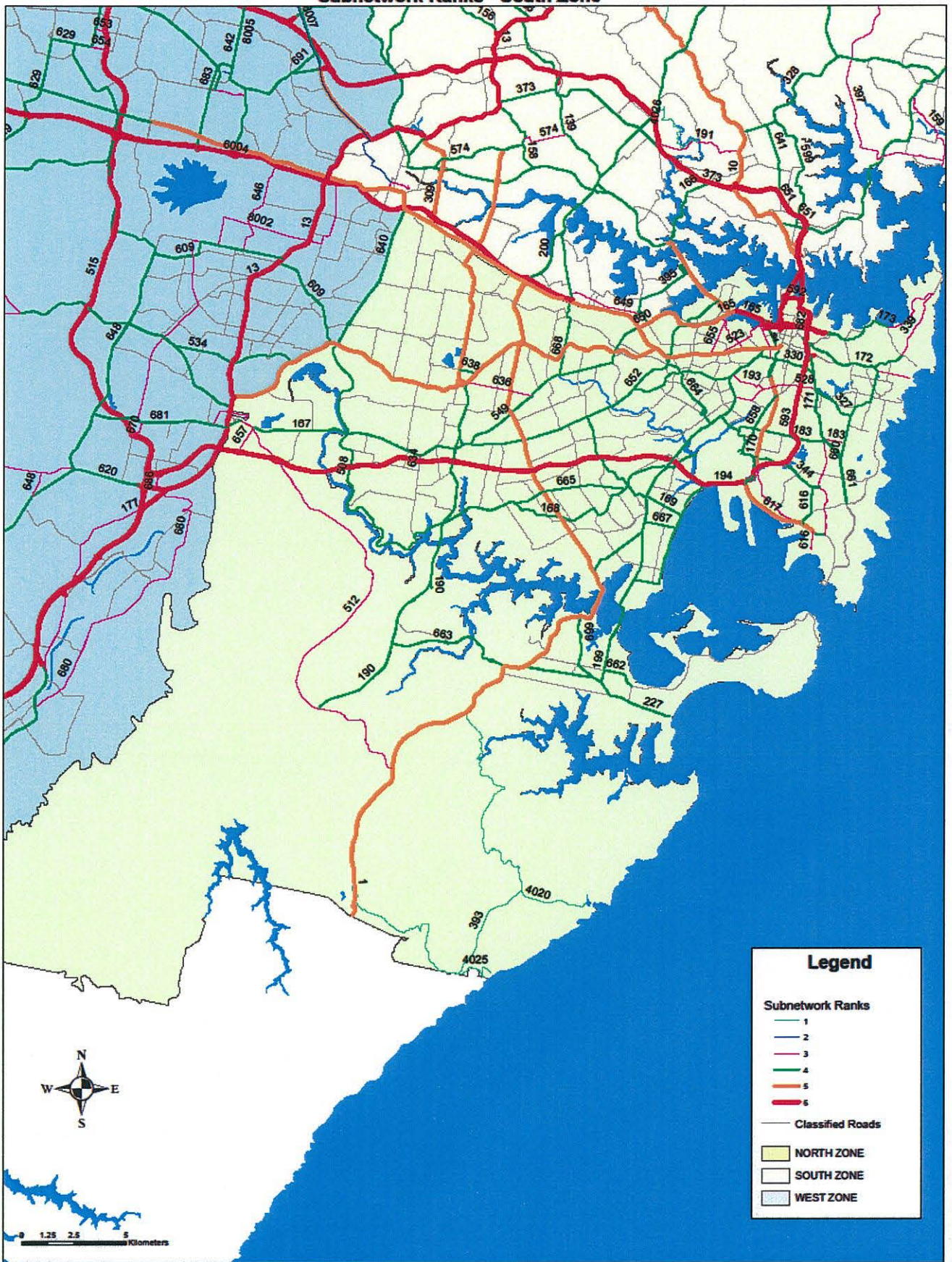
2 Asset Definition

2.1 Zone Boundary Maps

Zone boundary maps indicating the geographical limits of the SMC Maintenance Zones in Sydney South, Sydney West Zones and Sydney North are provided below:

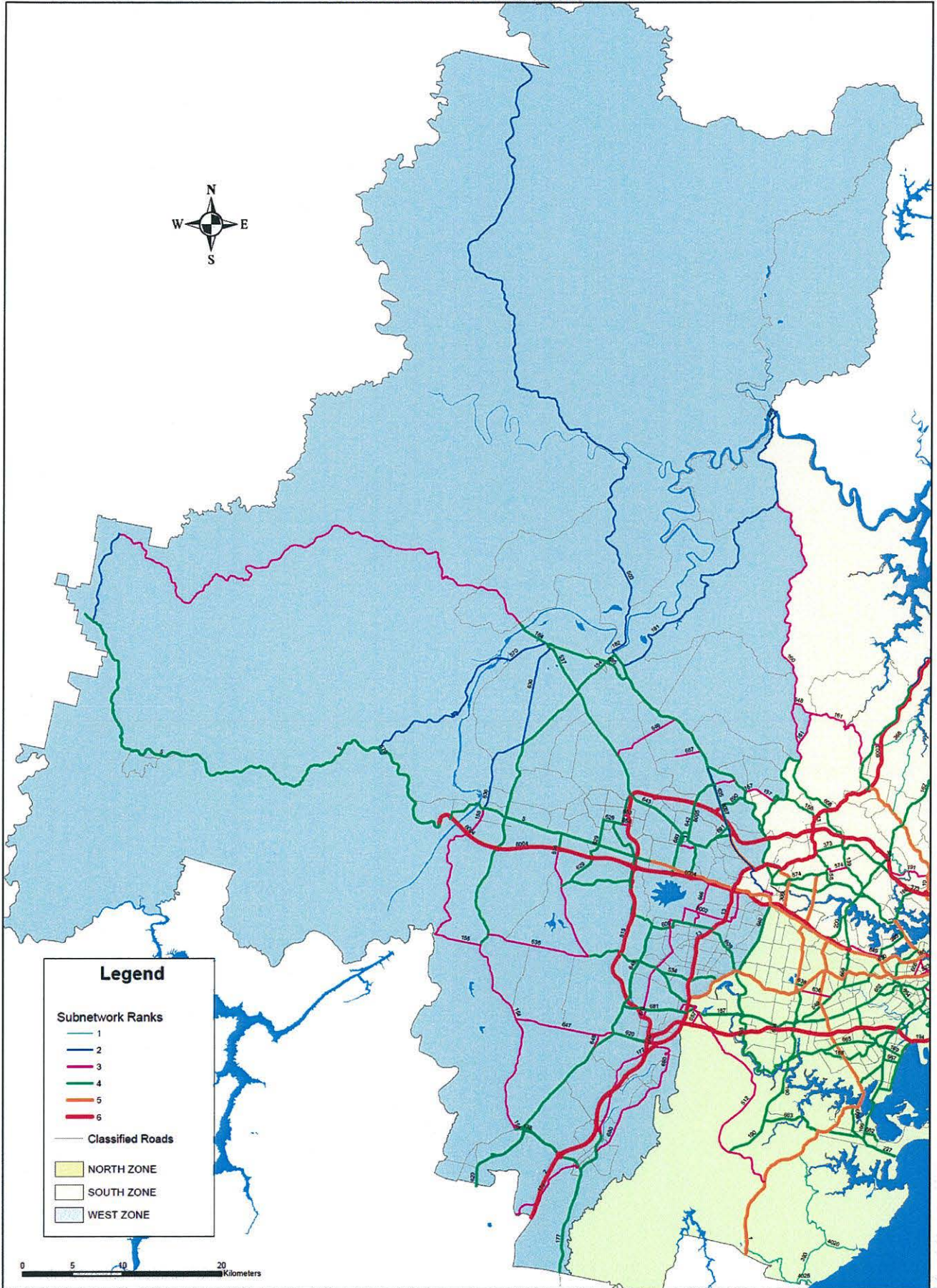


Subnetwork Ranks - South Zone



Prepared by JACO CONSULT, Sydney Asset Management Solutions, Parramatta, 22/11/2013

Subnetwork Ranks - West Zone



2.2 Definition of Nominal Work Limits

Nominal Work Limits (NWL)

RMS has established Nominal Work Limits (NWL) which defines the boundaries between which the responsibility for maintenance of assets resides with RMS or other parties such as local councils. These NWL are replicated in the SMC such that the Service Provider becomes the steward of all assets that are RMS' responsibility, excluding any assets that are specifically indicated to be outside of the SMC scope.

The NWL are set out for each asset category.

Maintenance responsibility diagrams have been provided at Section 2.3 to illustrate the principles described below.

Pavement and Corridor Related Assets

Pavement and Corridor assets include:

1. Contract Roads
2. Pavements and subgrades
3. Kerbs and gutter, medians, traffic islands
4. Pedestrian paths
5. Off-road cycleways
6. Access roads (including service roads)
7. Ground vegetation control areas
8. Herbicide spraying areas
9. Landscape areas
10. Boundary fencing
11. Fauna fencing
12. Noise barriers
13. Vacant property
14. Slopes and Retaining walls
15. Sensitive areas and zones
16. Stockpile sites
17. Street light assets
18. Navigation lights

Typically, the following principles will apply in defining NWL for Contract Roads;

1. For a Contract Road other than a Controlled Access Road (refer Section 3.1.2), where the Road has a kerb, the NWL includes the pavement located within the kerb alignment, being the back of the kerb;
2. The only instance where kerbs are not included is on selected sections of Liverpool to Parramatta Transitway and North West Transitway where the Transitway is located on Council managed Local or Regional roads. The NWL in these situations is confined to the marked bus lane portion of the road;

3. Where the Contract Road does not have a kerb, e.g. a road formation, the NWL includes all pavements and corridor assets located within the road corridor, typically defined by the back of table drain or 4m from the edge of the through traffic lane;
4. Where the Contract Road is a Controlled Access Road (refer Section 3.1.2), the NWL includes all pavement and corridor assets located within the road corridor, typically defined by a boundary fence;
5. At intersections of Contract Roads and local or regional roads:
 - a. Where there are no slip lanes or roundabout, the NWL includes the pavement and pavement markings within the local or regional road up to the end of the kerb corner;
 - b. Where there is a slip lane, the NWL includes pavement and pavement markings on any slip lane carrying traffic from the Contract Road to the local or regional road, but not any slip lane carrying traffic from the local or regional road to the Contract Road;
 - c. Where there is a roundabout, the NWL includes the pavement and markings up to a junction of the local/regional road up to and including the traffic hold line;
6. At intersections of Contract Road and local/regional roads, where the Contract Road is a Motorway, the NWL will include both the on ramps and off ramps;
7. At intersections of a Contract Road and a Motorway which is not a Contract Road, the NWL will not include the on ramps and off ramps;
8. At the intersections of a Contract Road and a private road, the NWL will not include any part of the private road beyond the end of the kerb corner;

Traffic Facility Assets

Traffic facility assets include:

1. Signs and Delineation
2. Safety barriers
3. Pedestrian fencing

For signage including guide signs and regulatory signs:

1. The NWL includes any guide signs, tourist signs and regulatory signs located on the Contract Road;
2. The NWL includes the first regulatory sign located on a local or Regional road from the intersection with a Contract Road;
3. The NWL includes any guide or tourist signs located on a local or Regional road within 200m of an intersection of a Contract Road;

Road marking included in the NWL are:

1. Transverse lines on Contract roads within the NWL (i.e. lines that are marked at right angles to the general traffic flow, such as “Stop / Give Way” lines and pedestrian crosswalk lines);
2. Other markings (including diagonal and chevron markings, messages on the pavement including symbols, words, numerals and arrows, kerb markings and markings for parking); and
3. Raised pavement markers; and
4. Longitudinal lines (lines that are generally parallel to the traffic flow, such as centre, lane, edge, turn, continuity and transition lines and outline markings);

The safety barriers that fall within the NWL include:

1. Concrete, steel rail, timber, plastic and steel wire rope safety barrier systems that are located on a Contract Road;
2. All components of the safety barriers are included i.e. posts, spacers, rails, terminals, rails, footings and wire;

The NWL limits when applied to 'Fence', refers to RMS boundary fences, fauna fencing, rock fall protection fence, gates and flood fences located on Contract Roads

The NWL also include pedestrian fences being all concrete, steel rail, timber, plastic and steel wire rope fencing systems that:

1. Are located on pedestrian walkways that are between carriageways of a Contract Road; or
2. Are fixed to an Asset; or
3. Are located within a Controlled Access Road.

Drainage Assets

Drainage assets include:

1. Culverts and pits
2. Stormwater devices

Typically, the following principles apply when defining the drainage to NWL for Contract Roads:

1. The NWL include all surface drains including table drains, batter drains, catch drains, berm drains and water channels that provide flow of stormwater from the Contract Road;
2. The NWL include all kerbs and gutters occurring on the Contract Road (except on selected Transitway sections as outline above);
3. All subsoil drains including pavement drains that provide flow of water below the road surface are included in the NWL;
4. Drainage structures such as pipes, culverts, headwalls, wing-walls, scour protection and any interconnecting drainage lines, that provide flow of water from the Contract Road are included in the NWL;
5. The NWL include all drainage pits which enable flow of stormwater from the Contract Road;
6. Where a drainage system of a Contract Road connects with a drainage system of a local or regional road, the Service Provider is responsible for RMS drainage assets within the NWL of the Contract Road and any RMS basins/catchments at the stormwater discharge point as scheduled in 3.4. The Service Provider will not be responsible for any drainage system of local or regional road regardless if an Asset drains into it or if it discharges into a discharge Asset.
7. The responsibility of the Service Provider excludes any drainage systems owned by local or regional council irrespective of whether or not they discharge into an RMS-owned basin/catchment.

Tunnels and Tunnel Operational Assets

Concerning tunnels, the NWL comprises all tunnels on Contract Roads, and includes all aspects of the tunnel including the mechanical and electrical elements that form part of the operation of a tunnel. These assets are indicated in the tunnel asset schedule (refer to Section 3.7). Some mechanical, electrical and drainage assets are maintained by other parties e.g. Sydney Water and do not fall under the responsibility of the Service Provider.

For pedestrian tunnels and other non road tunnels the NWL extends typically 3m beyond the tunnel entrance and includes any fencing and the management of vegetation. (Refer to Diagram 12)

Operational Assets

Generally, the NWL for operational assets of a Contract Road include:

1. Rest areas adjacent to Contract Roads including toilets, playgrounds, picnic tables, barbeques and other items;
2. Detour Route Operations, Tidal Flows and Gates;
3. Roadside phones; and
4. Lifts located on Assets.

Bridge and Bridge-sized Culverts

Bridge-sized culverts are defined as culverts with a span exceeding 6m or 20m² in pipe cross sectional area.

The NWL for bridges and bridge-size culverts include the foundation, substructure and superstructure. All items above the deck are also within the NWL.

Approach slabs are integral part of the structure of the bridge and where present form part of the NWL. An approach slab is a concrete slab which connects to the main bridge structure and bridges the gap between the normal roadway and the bridge structure and prevents subsidence at the bridge approach.

Vegetation Control Zone

For vegetation control boundaries on a Contract Road:

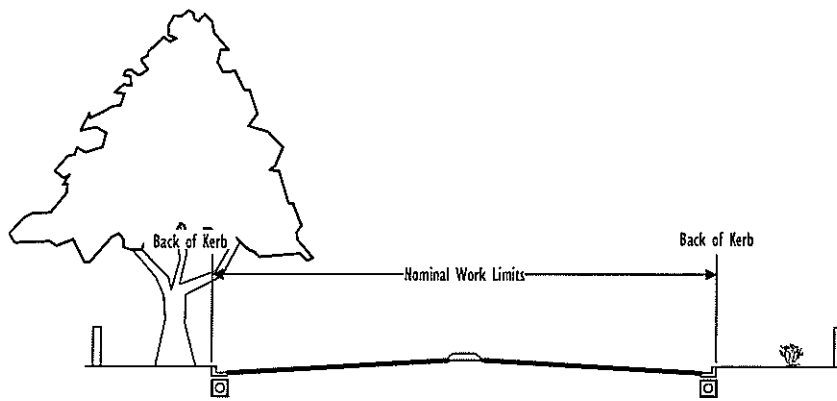
1. Vegetation within the road reserve refers to all tree, bush and ground vegetation, and will include areas within Operational Assets (e.g. Rest Areas and Roadside Toilets);
2. The areas within the NWL where vegetation must not encroach, are referred to as **Vegetation-Free Zones**. Vegetation-Free Zones include sealed or concrete/paved areas and footpaths, granular sealed and unsealed pavements and shoulders, including area about shoulders and areas in front of guard rails, off-road cycleways, face of kerbs, and areas behind the kerb;
3. The **Maintenance Clear Zone** means the area measured from the edge of the carriage way to the line of existing woody species (>50mm diameter trunk) or within an area previously cleared where regrowth is evident, but no more than 9.0 meters;
4. The vegetation control NWL extends typically 1.2m beyond the line of guide posts or safety barriers of the carriageway;
5. The NWL include any landscaped areas that exist between carriageways on Contract Roads.

2.3 Maintenance Responsibility Diagrams

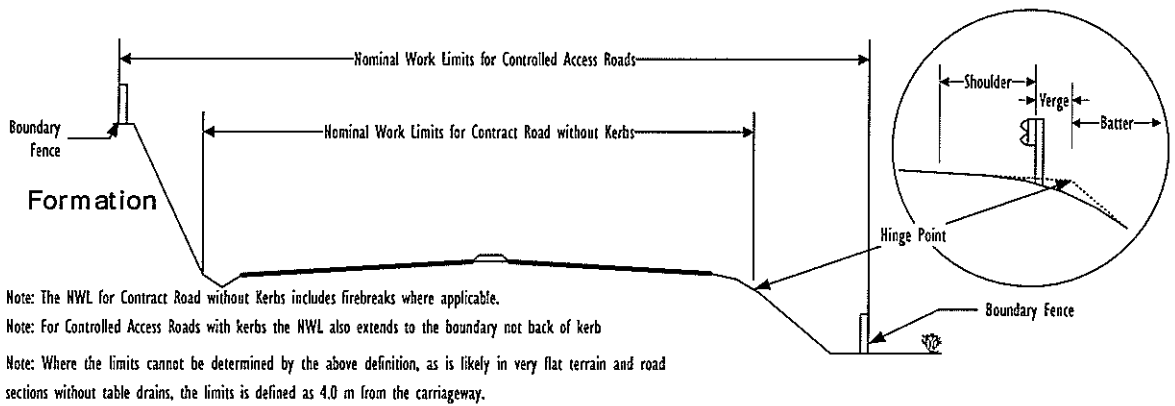
The diagrams contained in this section illustrate the Nominal Work Limits (NWL) on typical roads and intersections.

Notwithstanding that it may not be within the NWL, the Service Provider is responsible for identifying any major structural problems, severe faults, obstructions or safety problems for any asset on or observable from the Zone that may affect the smooth and safe operation of the Zone network or any connected network systems.

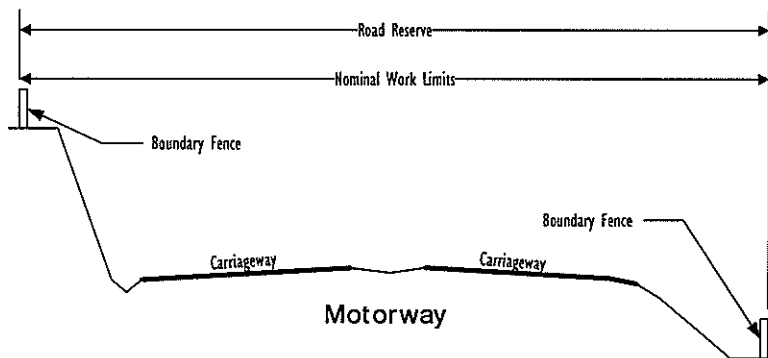
Any median, traffic islands, landscaping, kerbs, guide signs, regulatory signs, pavement markings and road furniture, falling within the NWL are included as part of the NWL unless indicated otherwise.



Nominal Work Limits (NWL) for Contract Road with Kerbs

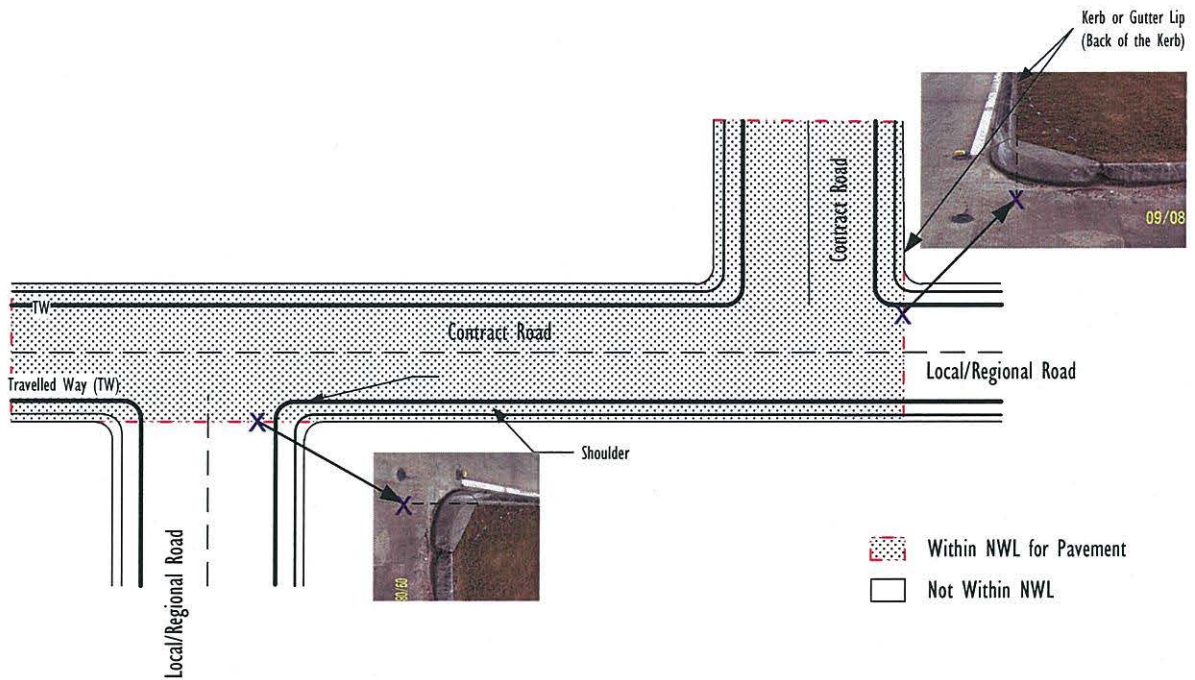


Nominal Work Limits (NWL) for Contract Road without Kerbs

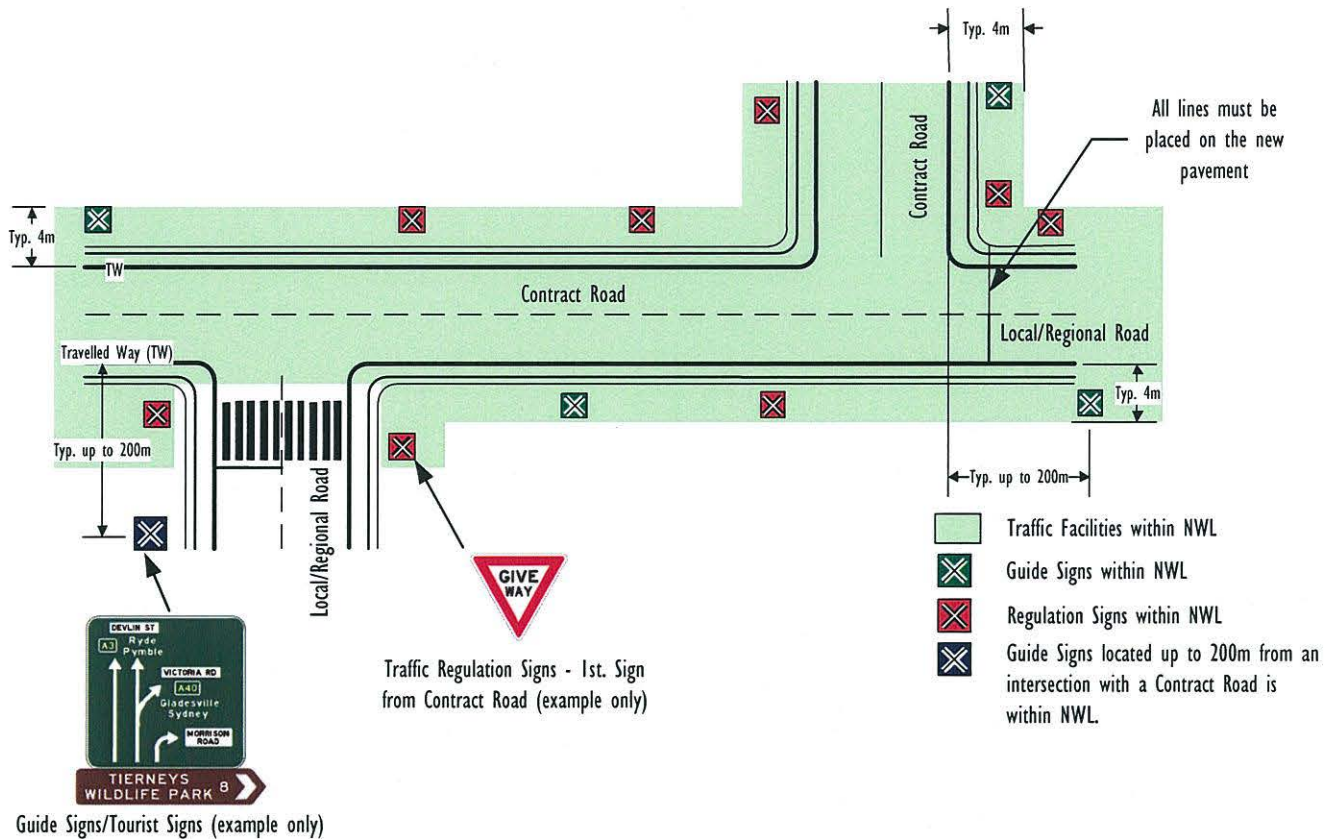


Motorway Nominal Work Limits

Diagram 1 – Cross Sections for Contract Road and Controlled Access Road Nominal Work Limits (NWL)

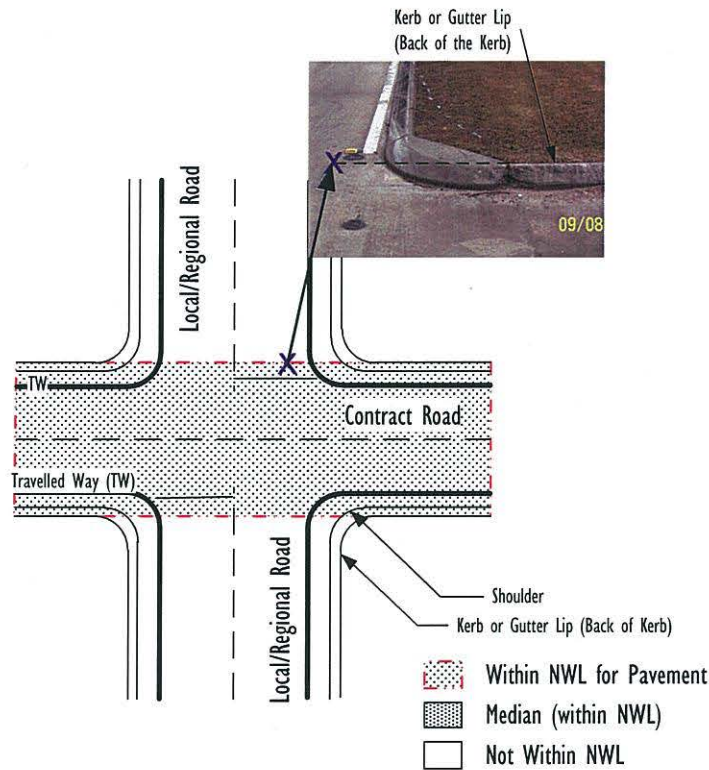


Pavement Nominal Work Limits (NWL) at minor non-signalised intersections

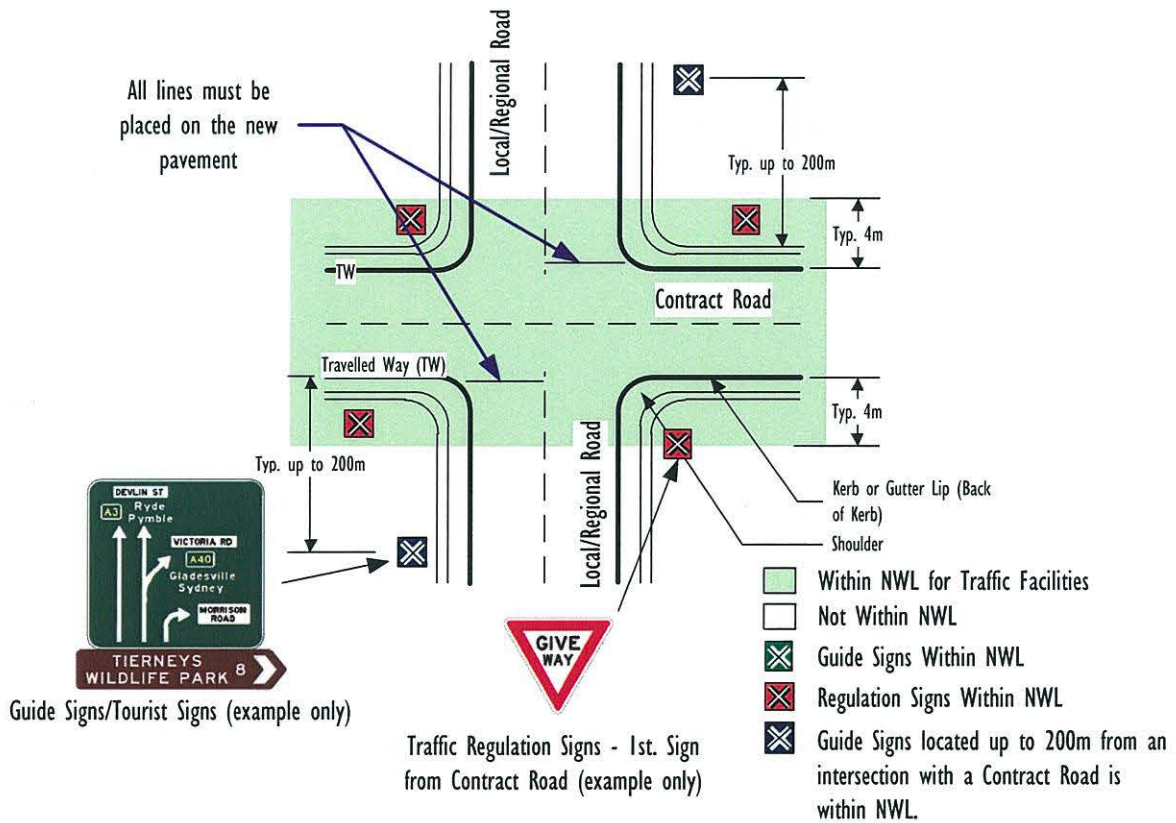


Traffic Facilities Zone of Responsibility at minor non-signalised intersection

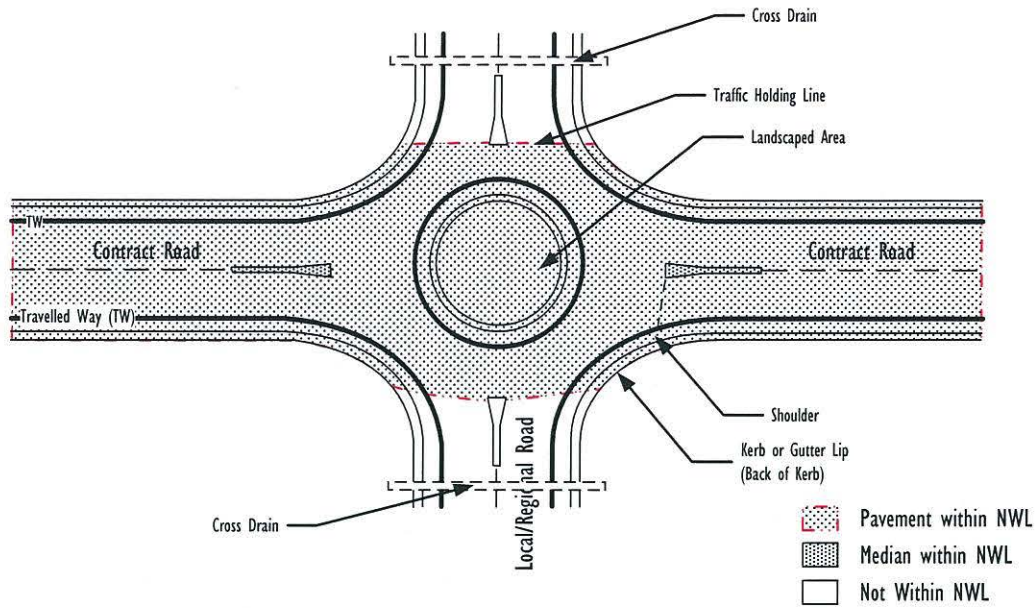
Diagram 2 – Nominal Work Limits (NWL) at Minor Non-Signalised Intersection with Local/Regional Road



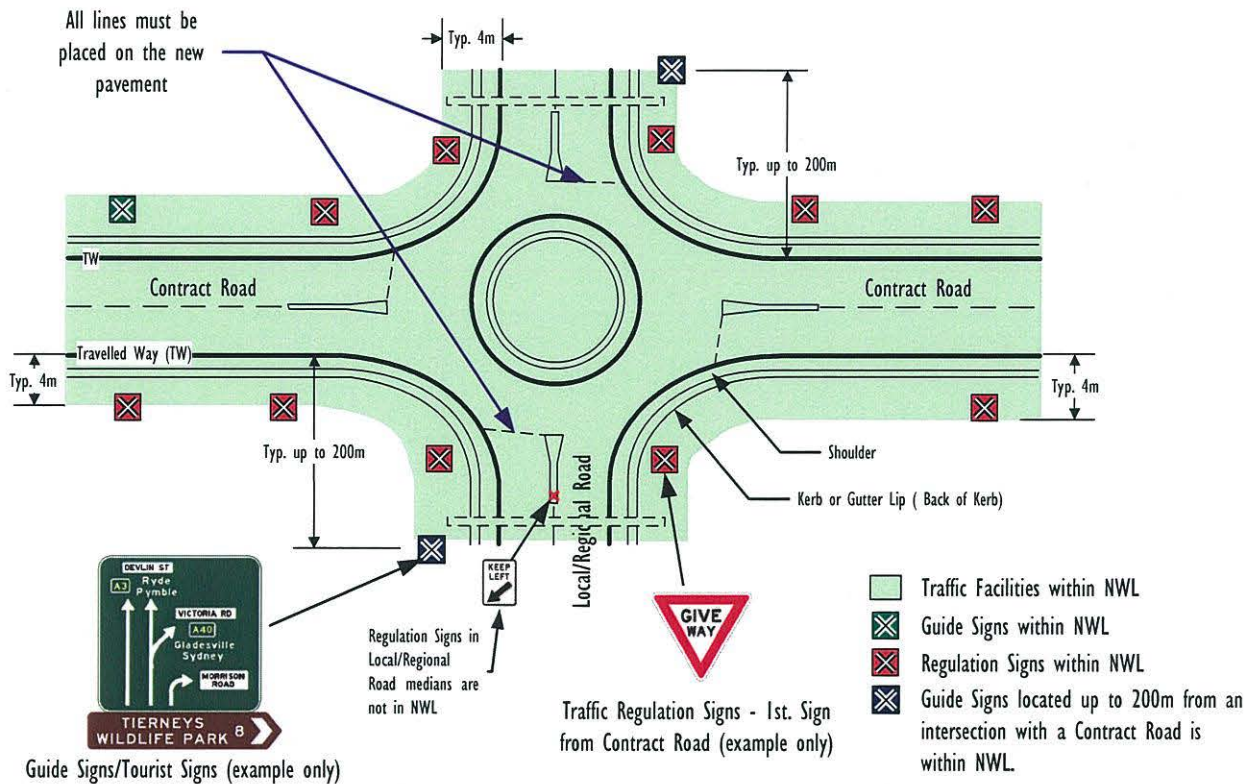
Pavement Nominal Work Limits (NWL) at minor non-signalised intersections



Traffic Facilities Zone of Responsibility at minor non-signalised intersection

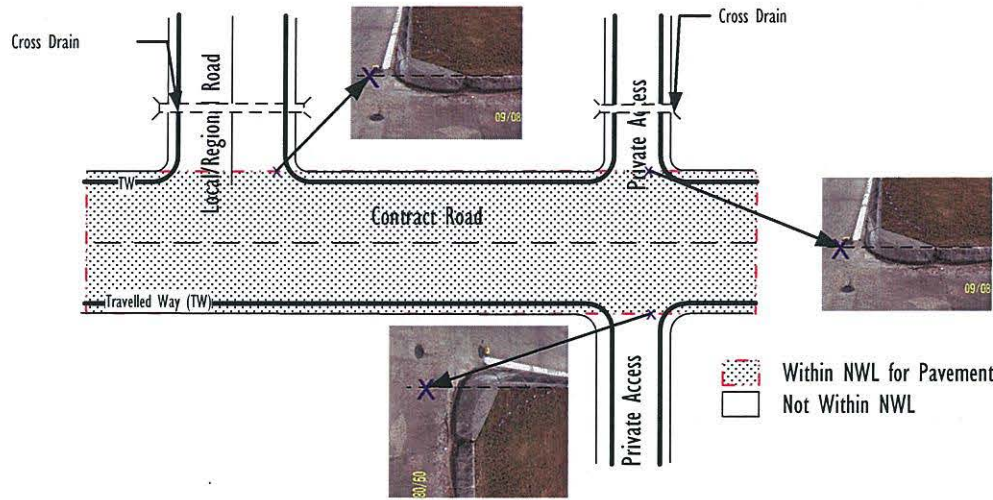


Pavement Nominal Work Limits (NWL) at Roundabouts

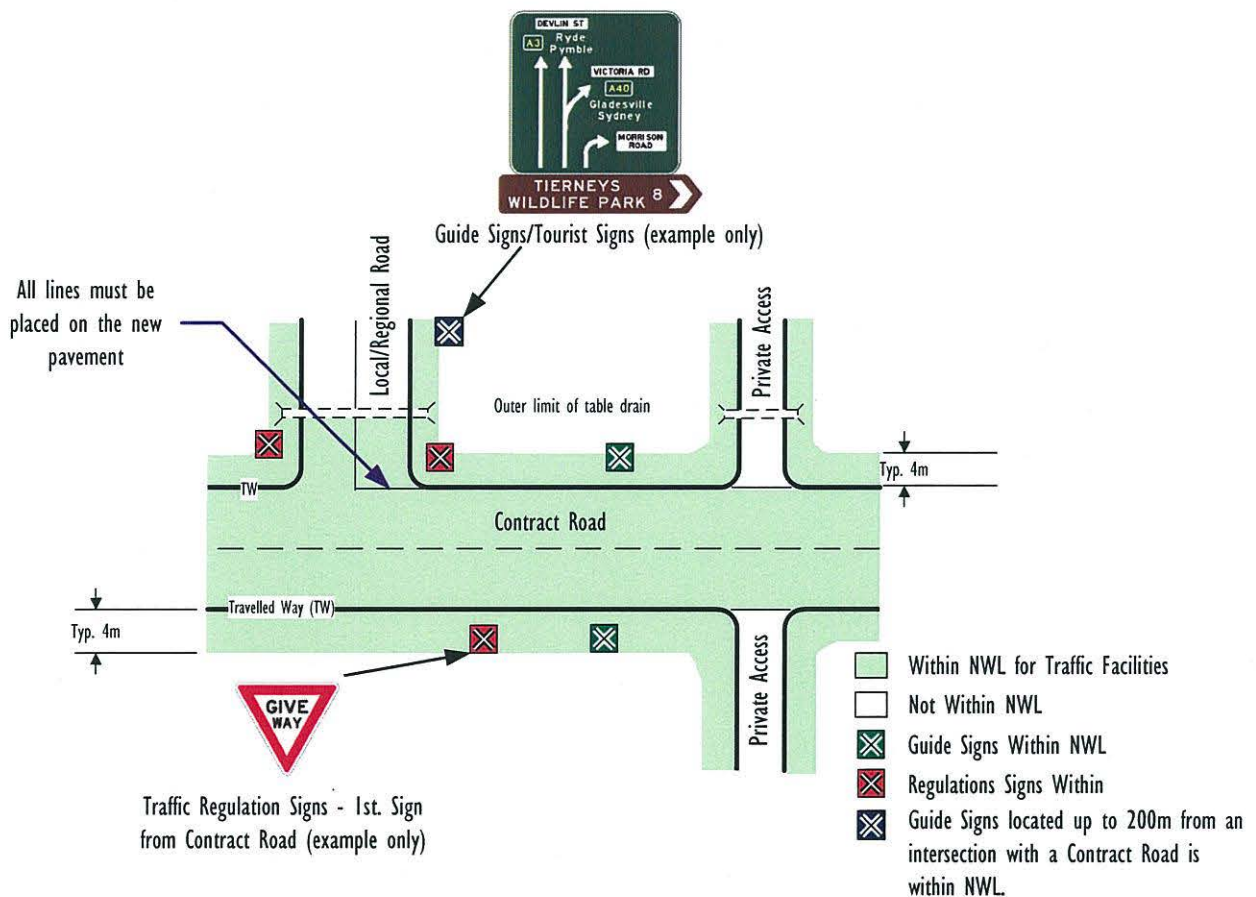


Traffic Facilities Zone of Responsibility at minor non-signalised intersection

Diagram 3 – Nominal Work Limits (NWL) at Roundabouts

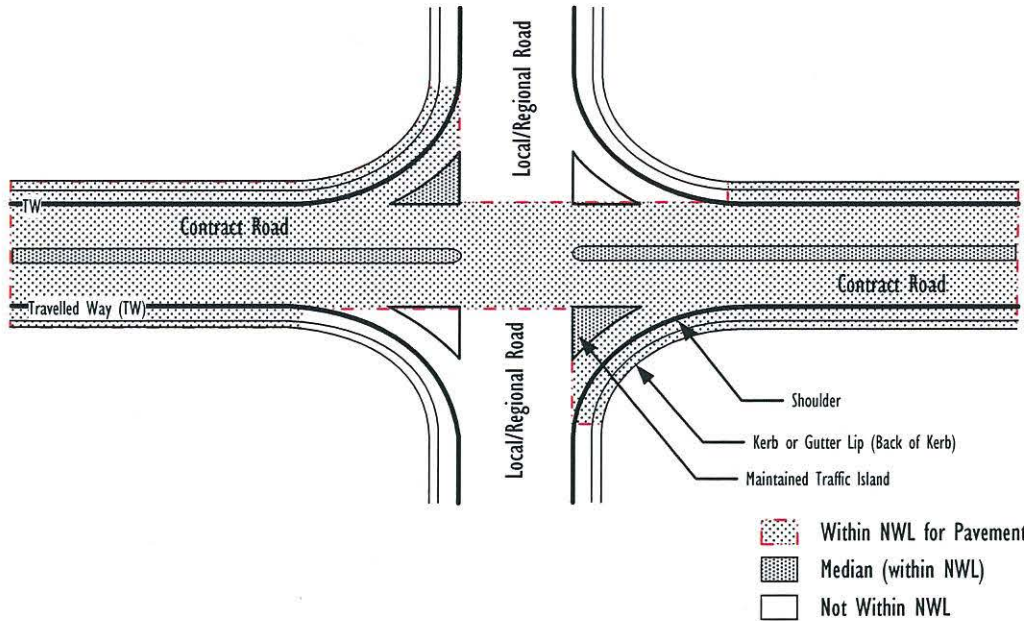


Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads and Private Access Roads

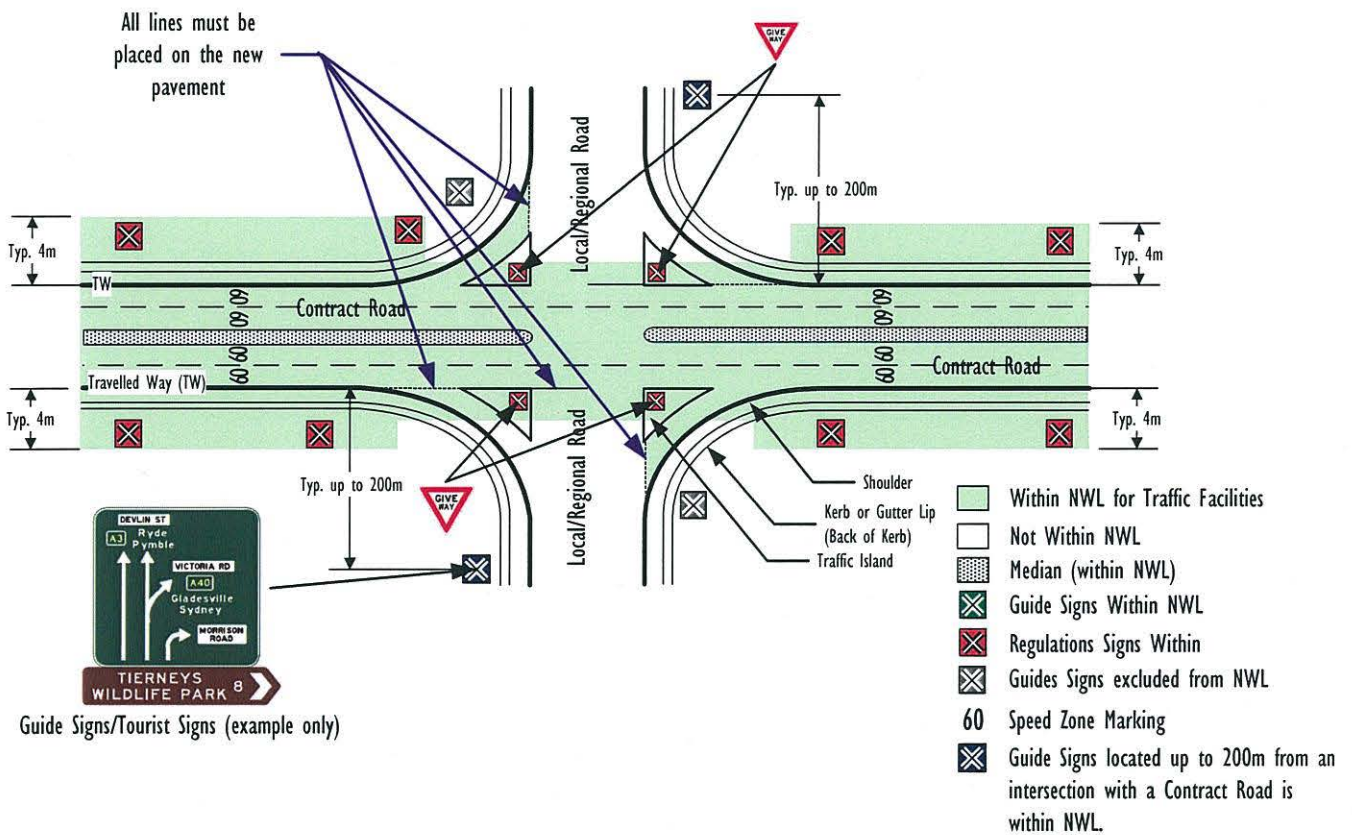


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads and Private Access Roads

Diagram 4 – Nominal Work Limits (NWL) at Minor Non-Signalled Intersections with Local/Regional Roads and Private Access Roads

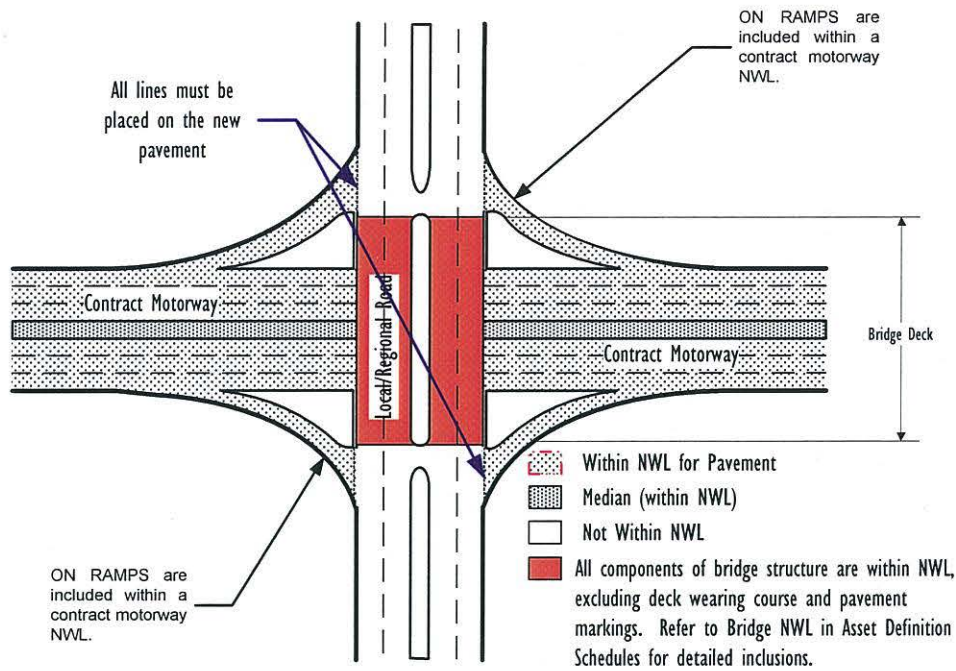


Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Non-Signalised Intersection

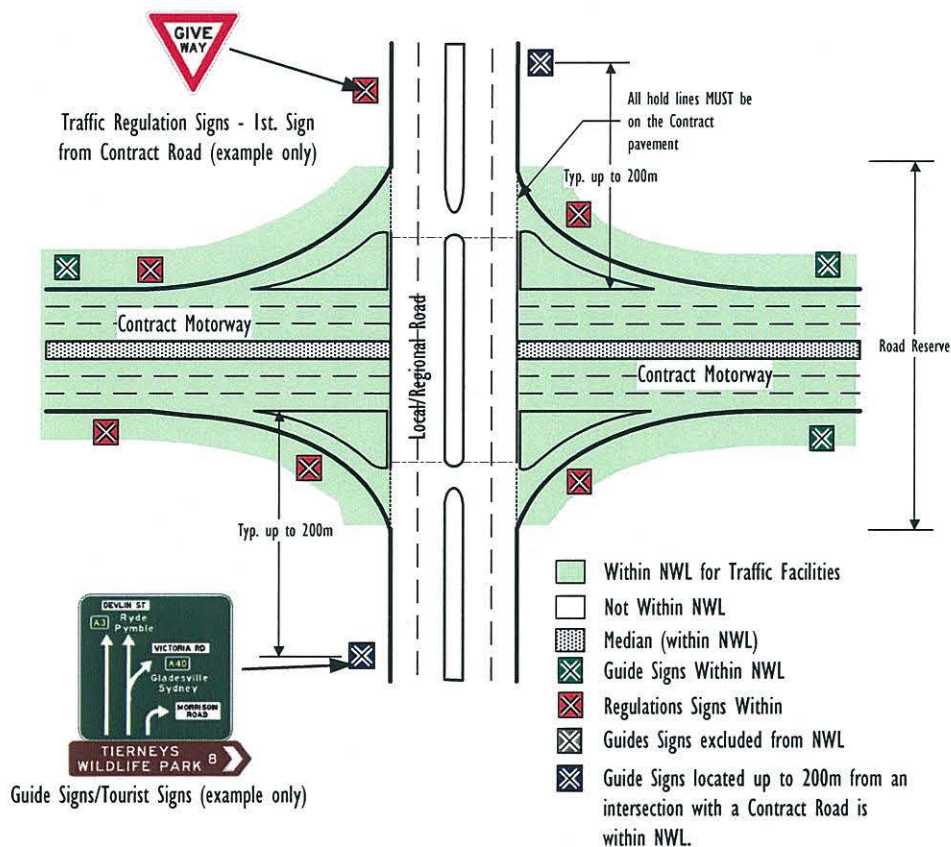


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Non-Signalised Intersections

Diagram 5 – Nominal Work Limits (NWL) at Major Non-Signalised Intersections with Local/Regional Roads and Private Access Roads

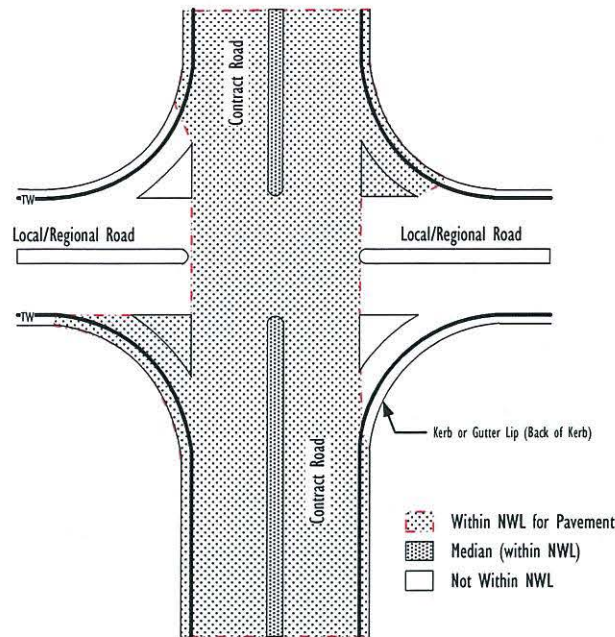


Pavement Nominal Work Limits (NWL) at Contract Motorway Intersections with Local/Regional Roads

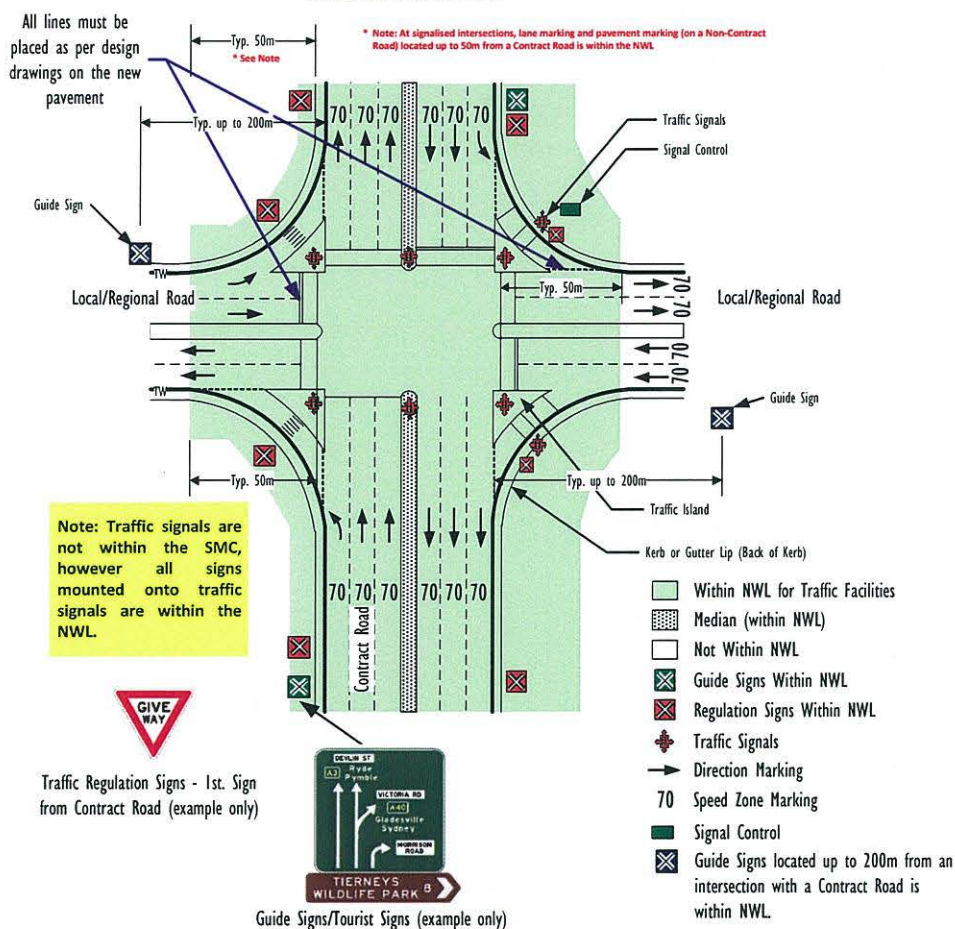


Traffic Facilities Zone of Responsibility at Contract Motorway Intersections with Local/Regional Roads

Diagram 7 – Nominal Work Limits (NWL) at Local/Regional Motorway Intersections with Contract Road

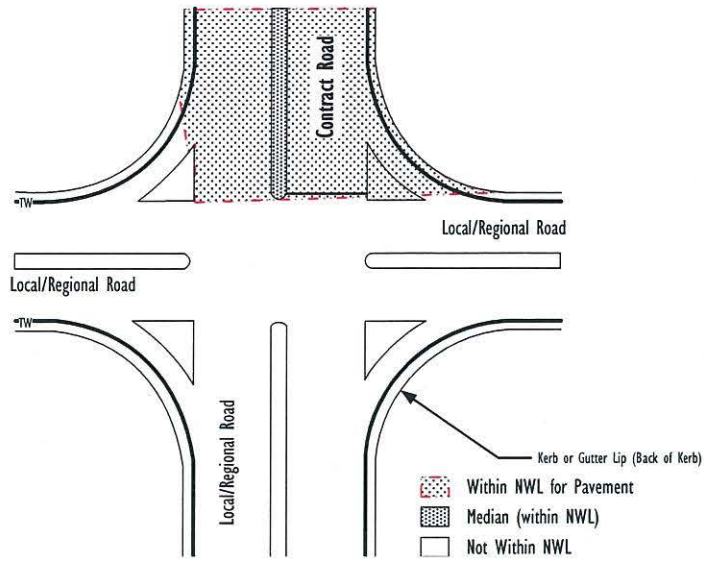


Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Signalised Intersection

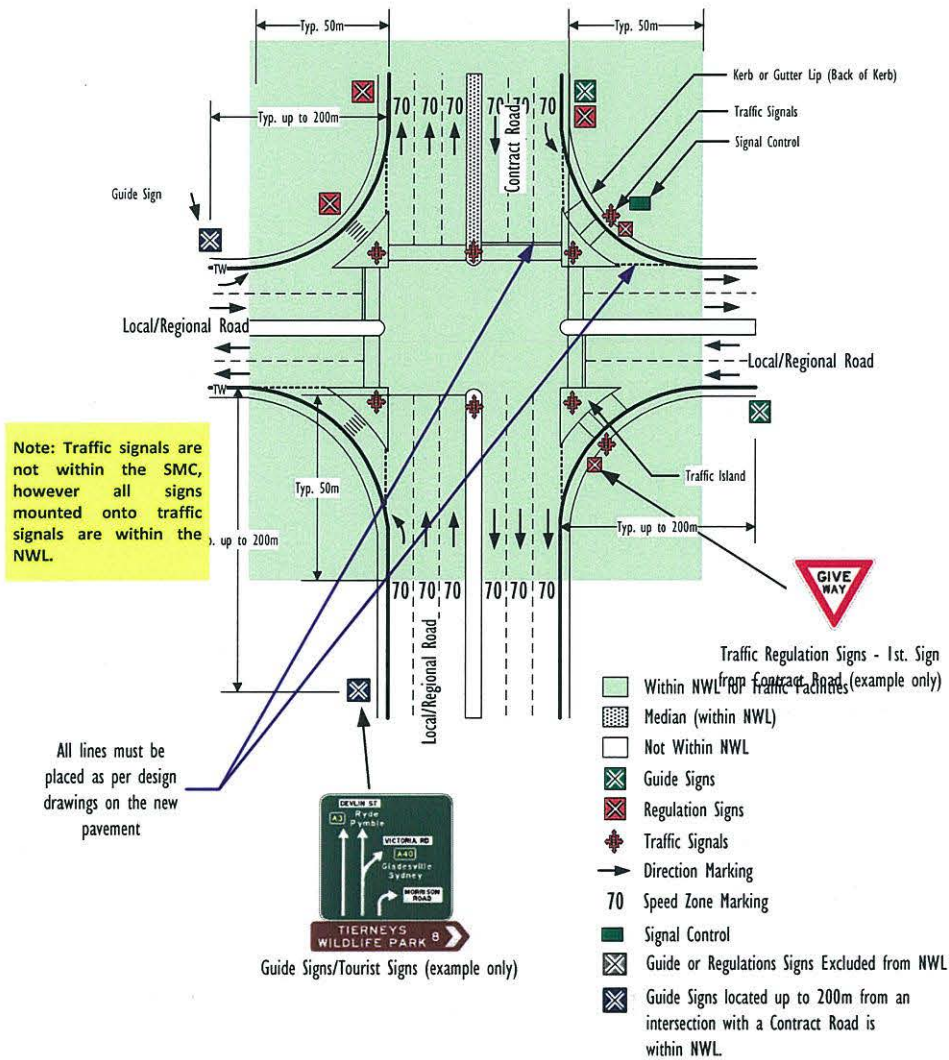


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Non-Signalised Intersections

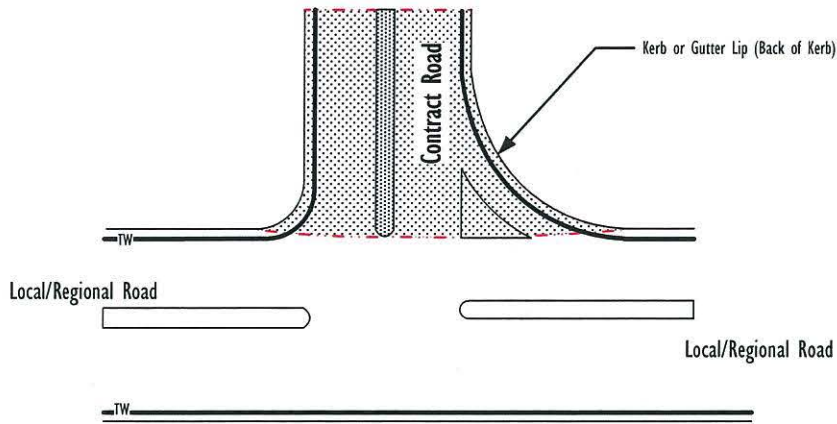
Diagram 8 – Nominal Work Limits (NWL) at Major Signalised Intersections with Local/Regional Roads and Private Access Roads



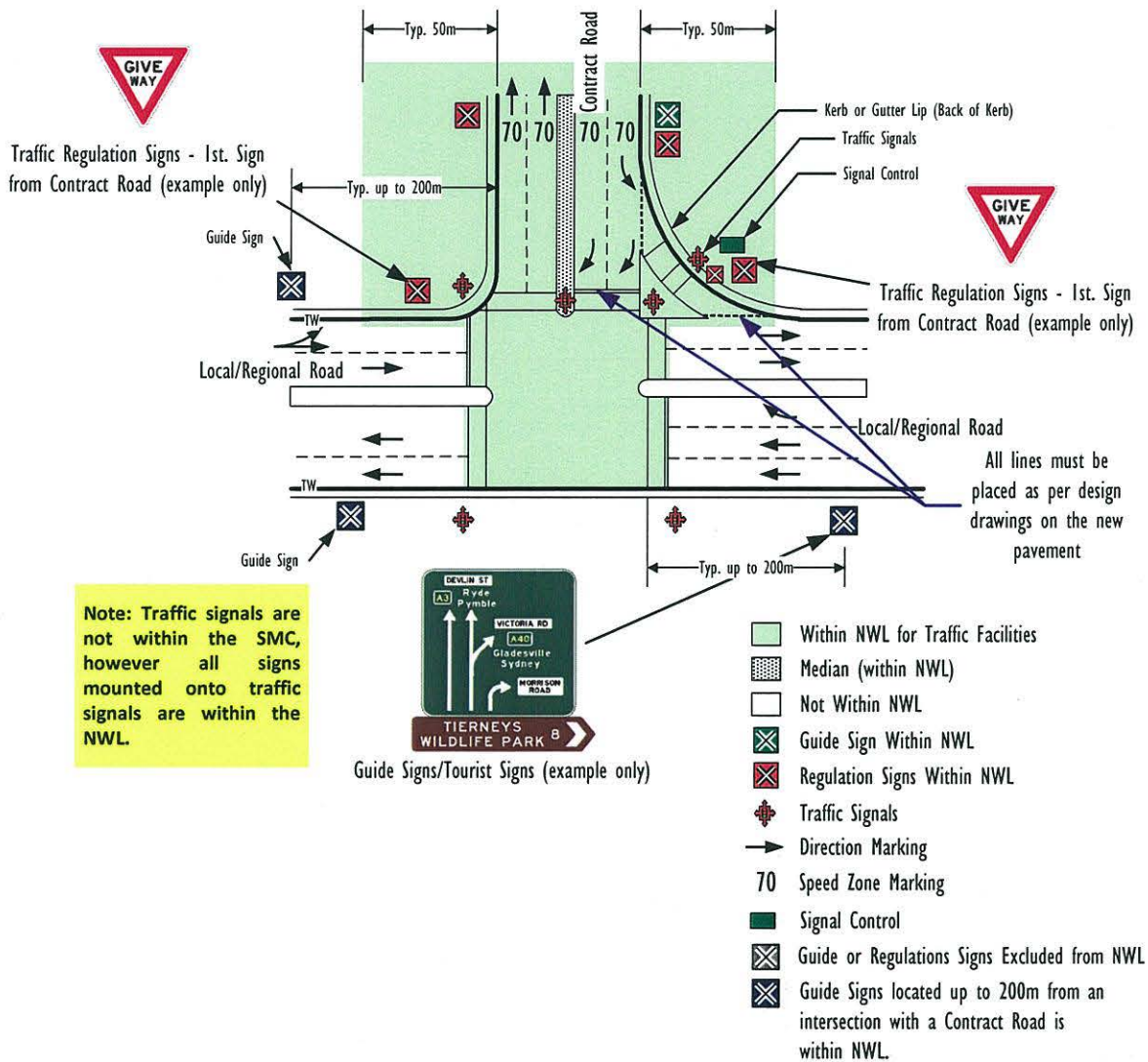
Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Signalised Intersection



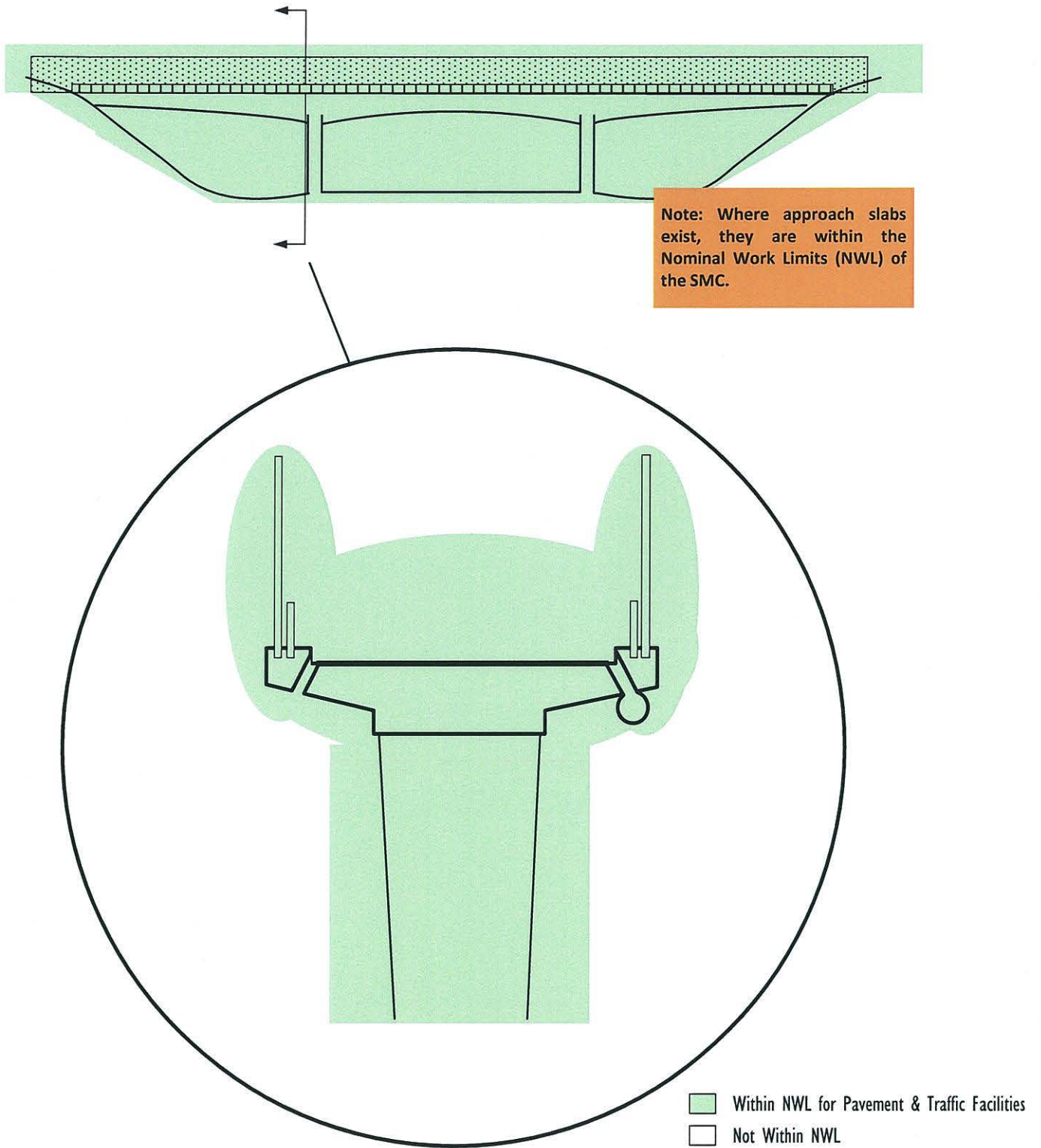
Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Signalised Intersections



Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Signalised Intersection

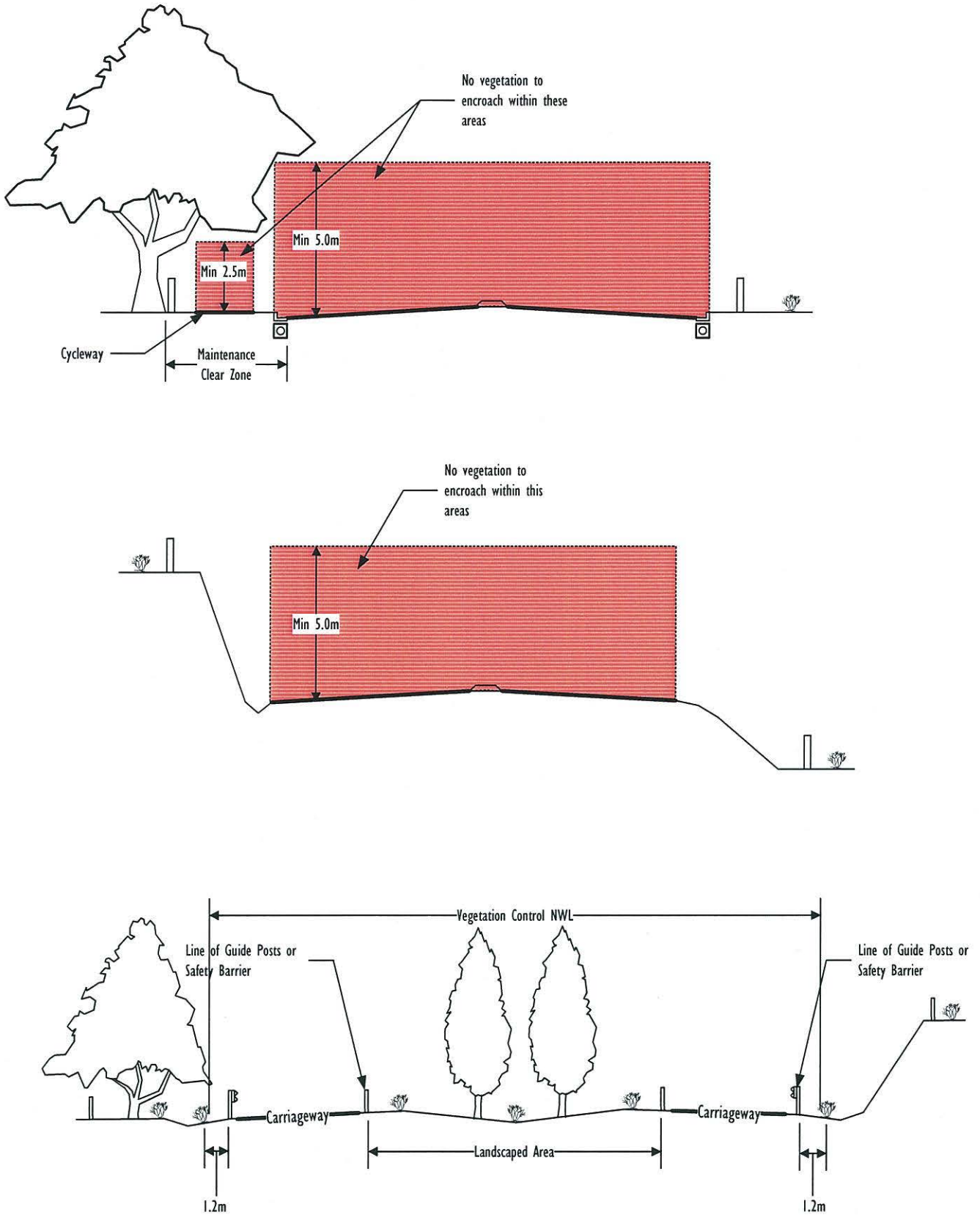


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Signalised Intersections



Pavement Nominal Work Limits (NWL) and Zone of Responsibility for Traffic Facilities on Bridges

Diagram 9 – Nominal Work Limits (NWL) on Contract Bridges



Cross Sections of Vegetation Control Limits for Contract Roads

Diagram 10 – Vegetation Control Limits for Contract Roads

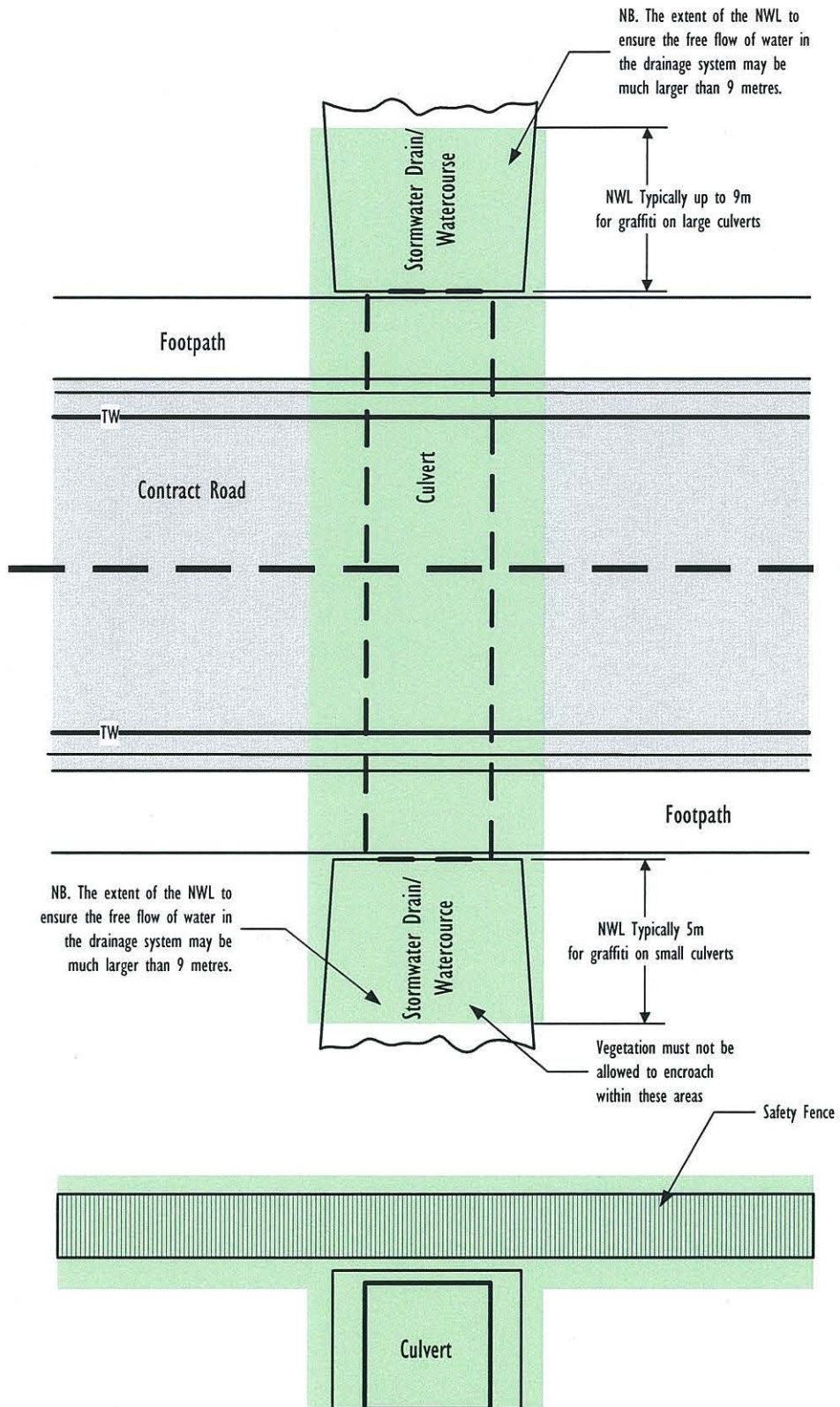


Diagram 11 – Culvert Control Limits for Contract Roads

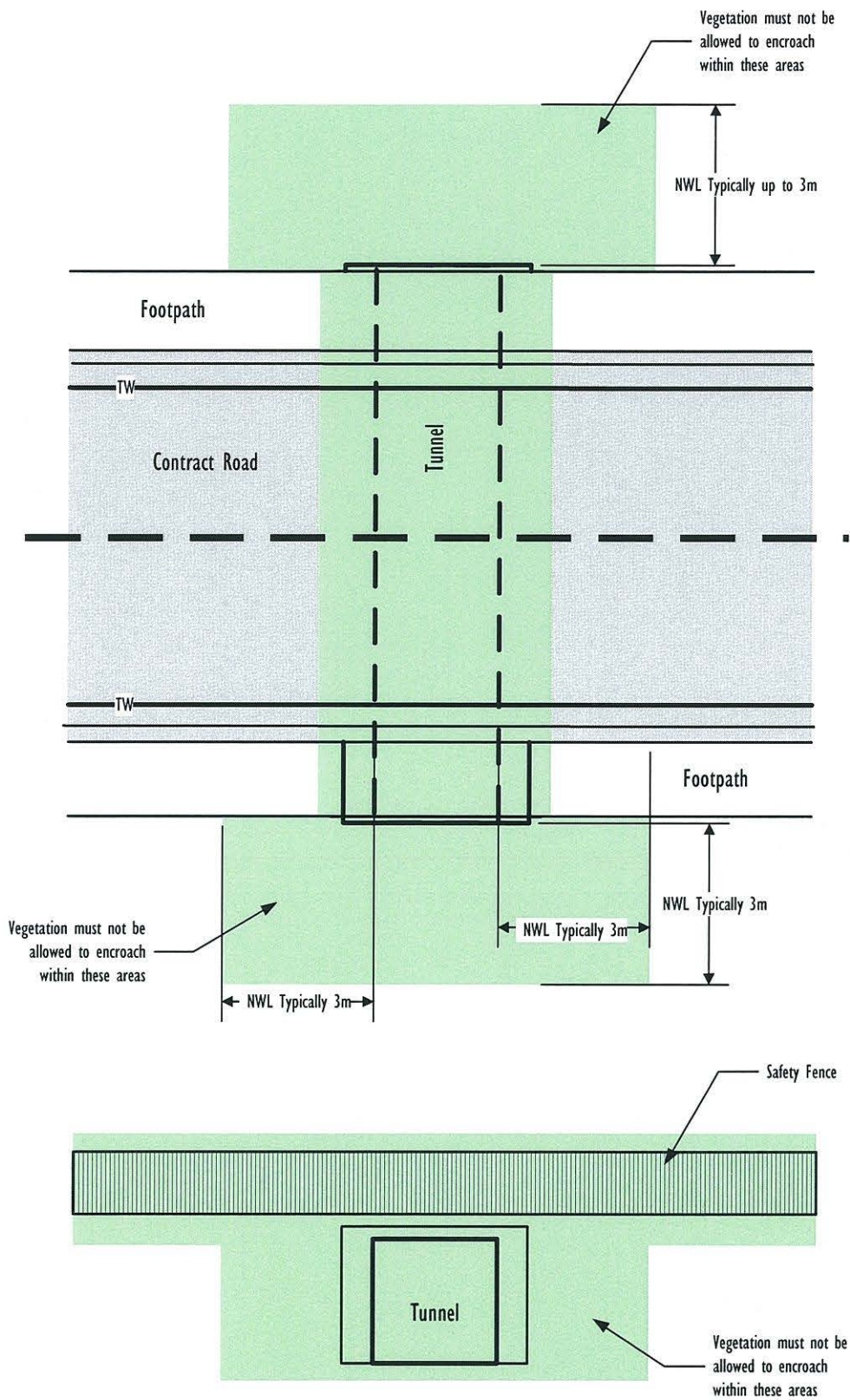


Diagram 12 – Tunnel (Non Road) Control Limits for Contract Roads

2.4 The Road Network

Assets defined – nil

3 Detailed Asset Schedule

The following schedule provides information about specific Assets to be maintained and the specific requirements form part of the Services.

Where a 'Side' has been referred to, generally this would be the side of the carriageway as if you were travelling away or out of the Sydney CBD.

The information provided within this schedule is constantly being updated and the Service Provider is to confirm for themselves the quantum of Assets to be maintained under this Contract. Any Assets which form part of the Services, on Contract Roads, within the Nominal Work Limits are deemed to be included in the pricing provided.

3.1 Schedule of Pavement Related Assets

3.1.1 Off-Road Cycleways

Assets defined – nil

3.1.2 Controlled Access Roads

Assets defined – nil

3.1.3 Pavement Schedule

Assets defined – nil

3.2 Schedule of Corridor Related Assets

The following schedules provide information about specific assets to be maintained and the specific requirements form part of the Services.

3.2.1 Ground Vegetation Control Areas

Assets defined – nil

3.2.2 Herbicide Spraying Omission Areas

Assets defined – nil

3.2.3 Landscaped Areas

Assets defined – nil

3.2.4 Boundary Fencing (Chainwire & Rural Fencing)

Assets defined – nil

3.2.5 Fauna Fencing

Assets defined – nil

3.2.6 Noise Barriers

Assets defined – nil

3.2.7 Vacant Property

Assets defined – nil

3.2.8 Slopes and Retaining Walls

Assets defined – nil

3.2.9 Sensitive Areas and Zones

Sensitive areas and zones may be encountered whilst undertaking the Services. These areas have specific management requirements which are to be addressed in the ICMS. Sensitive sites include:

- .a Indigenous and non-indigenous heritage areas;
- .b Conservation zones including for flora and fauna;
- .c Wetlands and endangered species areas;
- .d Landscaped zones.

RMS has developed a geographic information system tool called the Environmental Corridors Database. It provides information on biodiversity values and constraints along roads. This database is helpful when following the environmental assessment procedure for routine and minor works. The data base is accessed via the following weblink:

http://home.rta.nsw.gov.au/org/structure/infra/env/managing/biod/corridors_database.html

3.2.10 Stockpile Sites

Assets defined – nil

3.2.11 Street Light Assets

The maintenance of street lights in the Sydney road network is currently managed by RMS and a number of other service provider engaged in various parts of the network. The schedule below details those Assets included in the SMC.

Road /Structure Name	Suburb(s)	Quantities [qty]	Items Included	Host Network	Energy Retailer
SYDNEY NORTH ZONE					
F3	Cowan	Light Poles [44] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia
M4	North Strathfield	Light Poles [52] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia
M4 Cycleway	Harris Park	Light Poles [66] Other [3]	Standard, surface, cantilever light poles and supply points	Energy Australia	Energy Australia
De Burghs Bridge	North Sydney	Light Poles [36] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Epping Road	Epping	Light Poles [34] Other [2]	Standard light poles and supply point	Energy Australia	Energy Australia
Quiamong Rd	Naremburn	Light Poles [36] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Ruth Street	Crows Nest	Light Poles [49] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Hampden Rd	Artarmon	Light Poles [42] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Reserve Rd	Artarmon	Light Poles [69] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia
McLachlan Av	Artarmon	Light Poles [54] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Pacific Highway	Artarmon	Light Poles [43] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Homebush Bat Drive	Homebush Bay	Light Poles [71] Other [1]	Standard, surface & bracket light poles and supply points	Energy Australia	Energy Australia
M4	Homebush Bay	Light Poles [70] Other [3]	Standard & surface light poles and supply point and control points	Energy Australia	Energy Australia
Australia Ave	Underwood Rd, Homebush	Light Poles [4]	Standard light poles	Energy Australia	Energy Australia
Iron Cover Bridge	Victoria Rd, Drummoyne	Light Poles [48] Other [1]	Standard & Bracket light poles and supply point	Energy Australia	Energy Australia
James Ruse Drive	Victoria Rd, Kissing Point Rd, Pennant Street, North Rydalmerre	Light Poles [100] Other [5]	Standard & Surface light poles and supply point	Integral Energy	Integral Energy
F3	Ku-ring-gai Chase Rd, Mt Colah	Light Poles [27] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

Road /Structure Name	Suburb(s)	Quantities [qty]	Items Included	Host Network	Energy Retailer
Epping Road	Near Pittwater Rd, Epping Rd, East Ryde	Light Poles [11] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Cnr Mowbray Rd & Epping Road	Mowbray Rd, Lane Cove River Bridge & Epping Rd, Lane Cove West	Light Poles [12] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Epping Road	Mowbray Rd, Lane Cove North	Light Poles [12] Other [1]	Standard light poles and supply point	Energy Australia	Energy Australia
Suspension Bridge	Miller Street, Cammeray	Light Poles [16] Other [1]	Spun concrete & Cantilever poles and supply point	Energy Australia	Energy Australia
Old Windsor Rd	Northmead	Light Poles [49] Other [2]	Standard light poles and supply point	Integral Energy	Integral Energy
Pacific Highway	Brooklyn	Light Poles [51]	Standard & Bracket light poles	Energy Australia	Energy Australia
Homebush Bay Dr	Rhodes	Light Poles [49] Other [2]	Standard & Bracket light poles and supply point	Energy Australia	Energy Australia
Roseville Bridge	Killarney Heights	Light Poles [70] Other [2]	Standard light poles and supply points	Energy Australia	Energy Australia
Ryde Bridge	Rhodes	Light Poles [23] Other [1]	Standard & Bracket light poles and supply points	Energy Australia	Energy Australia
Silverwater Rd	Silverwater	Light Poles [36] Other [2]	Standard & Surface light poles and supply points	Integral Energy	Integral Energy
M4	Silverwater	Light Poles [37] Other [1]	Standard & Slip base light poles and supply points	Energy Australia	Energy Australia
Split Rd	The Split	Light Poles [12] Other [1]	Standard light poles and supply points	Energy Australia	Energy Australia
Mount Street	North Sydney	Light Poles [90] Other [1]	Standard & Bracket light poles and supply points	Energy Australia	Energy Australia
Falcon Street	Neutral Bay	Light Poles [100] Other [1]	Standard & Bracket light poles and supply points	Energy Australia	Energy Australia
Cnr West St & Metcalf St	Crows Nest	Light Poles [37] Other [1]	Standard light poles and supply points	Energy Australia	Energy Australia
Cnr Donnelly St & Brook La	Crows Nest	Light Poles [60] Other [1]	Standard & Bracket light poles and supply points	Energy Australia	Energy Australia
F3	Wahroonga	Light Poles [45] Other [1]	Standard & Bracket light poles and supply points	Energy Australia	Energy Australia
F3	Berowra	Light Poles [42] Other [1]	Standard light poles and supply points	Energy Australia	Energy Australia

3.2.12 Navigation Lights

There are five locations of Navigation Lights listed at the bridge locations below. They are to be inspected, tested and maintained in accordance with the requirements of the SMC.

Location	Lighting Details [Qty]	Additional Information
SYDNEY NORTH ZONE		
James Ruse Bridge	Vertical clearance lights [2]	
Silverwater Bridge	'CHANNEL CLOSED' lights [3]	
Gasworks Bridge (Macarthur Street, Parramatta)	Vertical clearance lights [2]	

3.3 Schedule of Operational Assets

The following schedule of operational related assets which are required to be maintained under the SMC.

3.3.1 Rest Areas and Toilets

Categories:

PA – Parking Area

IB – Inspection Bay

INF – Informal

RA – Rest area

Type:

B – Both Light and Heavy vehicles

L – Light vehicles only

H – Heavy vehicles only

Assets defined – nil

3.3.2 Truck Arrestor

Assets defined – nil

3.3.3 Heavy Vehicle Inspection Bays

Name	Highway / Road	Direction	Site Description
North Zone			
Allambie Heights	Wakehurst parkway	Southbound	Southbound Site - UBD 176 P14. Site Unsealed surface
Mona Vale	Nmona Vale Road	Westbound	Westbound Sites - UBD 138 G4
Narrabeen	Wakehurst parkway	Eastbound	Eastbound Site - UBD 157 E6
St Ives	Mona Vale Road	Eastbound	Prismatic signs installed

3.3.4 Over Height Vehicle Warning Systems

Road Name	Road No.	Link	Offset	Carriage Way
M4 Motorway	6004	1100	0.22	C

3.3.5 Schedule of Detour Route Operations, Tidal Flows & Gates

Assets defined – nil

3.3.6 Roadside Telephones

The following schedule is a summary of roadside telephones to be maintained under the SMC.

Road Name	Description	Quantity	Comments
SYDNEY NORTH ZONE			
F3	Emergency phones	40	Located on both carriageways
M4	Emergency phones	60	Located on both carriageways
M2	Emergency phones	38	Located on both carriageways

3.3.7 Schedule of Lifts

Address	Location	Quantity of Units	Unit Number(s)	No of Levels	Type of Lift	Manufacturer
SYDNEY NORTH ZONE						
Military Road near Hampden Avenue	Cremorne	2	F8375 & F8376	2	Direct Acting Hydraulic	DEV
Cnr Ryde Street & Carlingford Road	Epping	2	F8382 & F8383	2	Traction	Kone
Cnr Longueville & Parklands Road, Lane Cove	Lane Cove	2	F8386 & F8387	2	Traction	DALDOSS
Cnr of South Street & Silverwater Road	Ermington	2	F9137 & F9138			
Beecroft Road near Epping Station (near Pembroke Street)	Epping	2	Unknown			
Epping Road near Ryrie Street	North Ryde	2	Unknown			

3.4 Drainage Systems

The following is a schedule of drainage related assets which are required to be maintained under the Contract

3.4.1 Stormwater Devices

Assets defined – nil

3.4.2 Culverts

Assets defined – nil

3.5 Traffic Facility Assets

The following schedule of operational related assets which are required to be maintained under the Contract.

3.5.1 Signs and Delineation

Signs

Assets defined - nil

Road Marking

Assets defined - nil

3.5.2 Bollards

Assets defined – nil

3.5.3 Concrete Barrier – Type F Full

Assets defined – nil

3.5.4 Fence Chain Wire

Assets defined – nil

3.5.5 Other Safety Barriers

Assets defined – nil

3.5.6 Thrie Beam

Assets defined – nil

3.5.7 W-Beam Steel Posts

Assets defined – nil

3.5.8 W-Beam Timber Posts

Assets defined – nil

3.5.9 Wire Rope

Assets defined – nil

3.5.10 Rockfall Fencing

Assets defined – nil

3.5.11 Pedestrian Fencing

Assets defined – nil

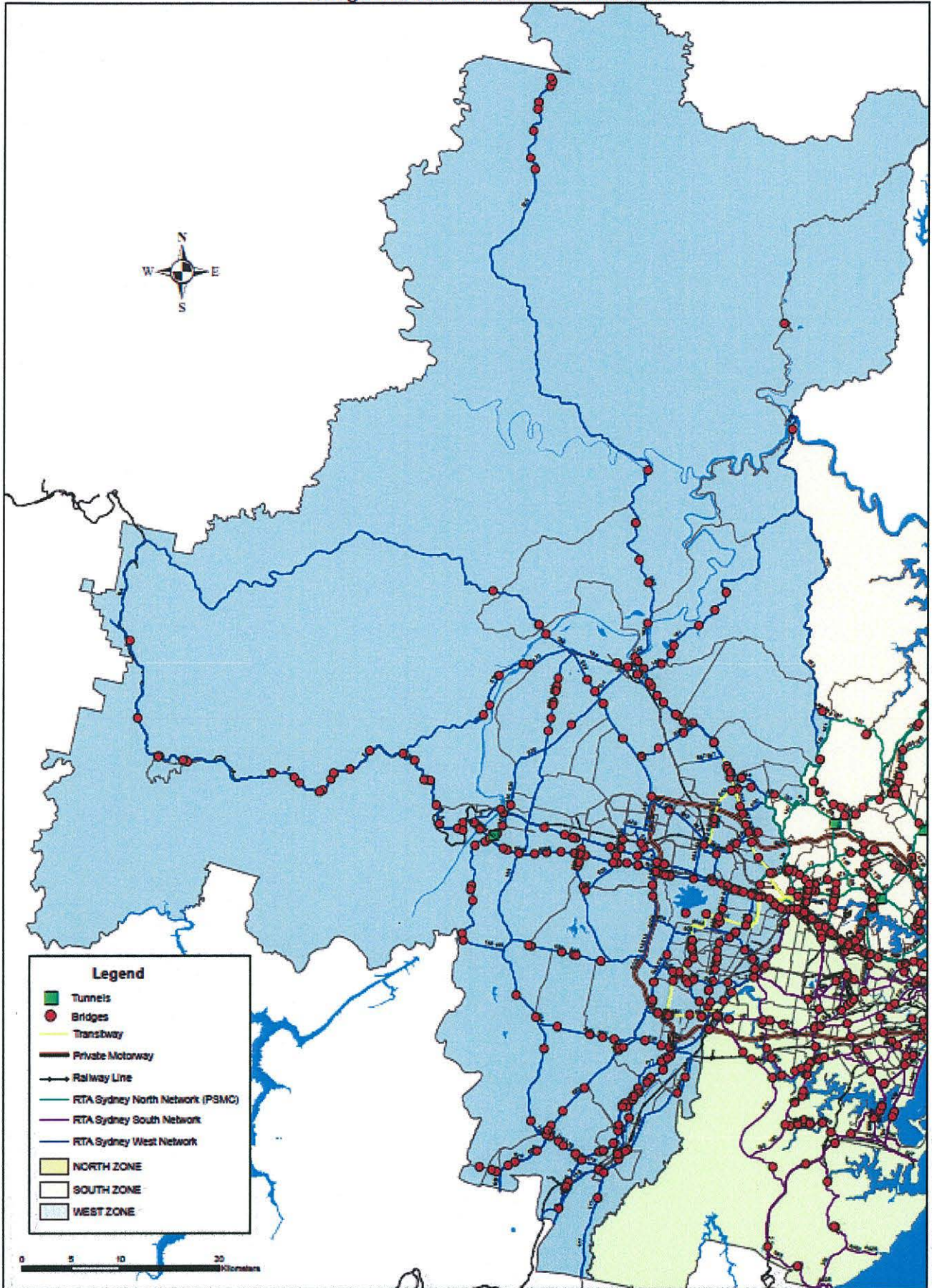
3.6 Bridges and Bridge Sized Culverts

3.6.1 Bridges and Bridge Sized Culverts

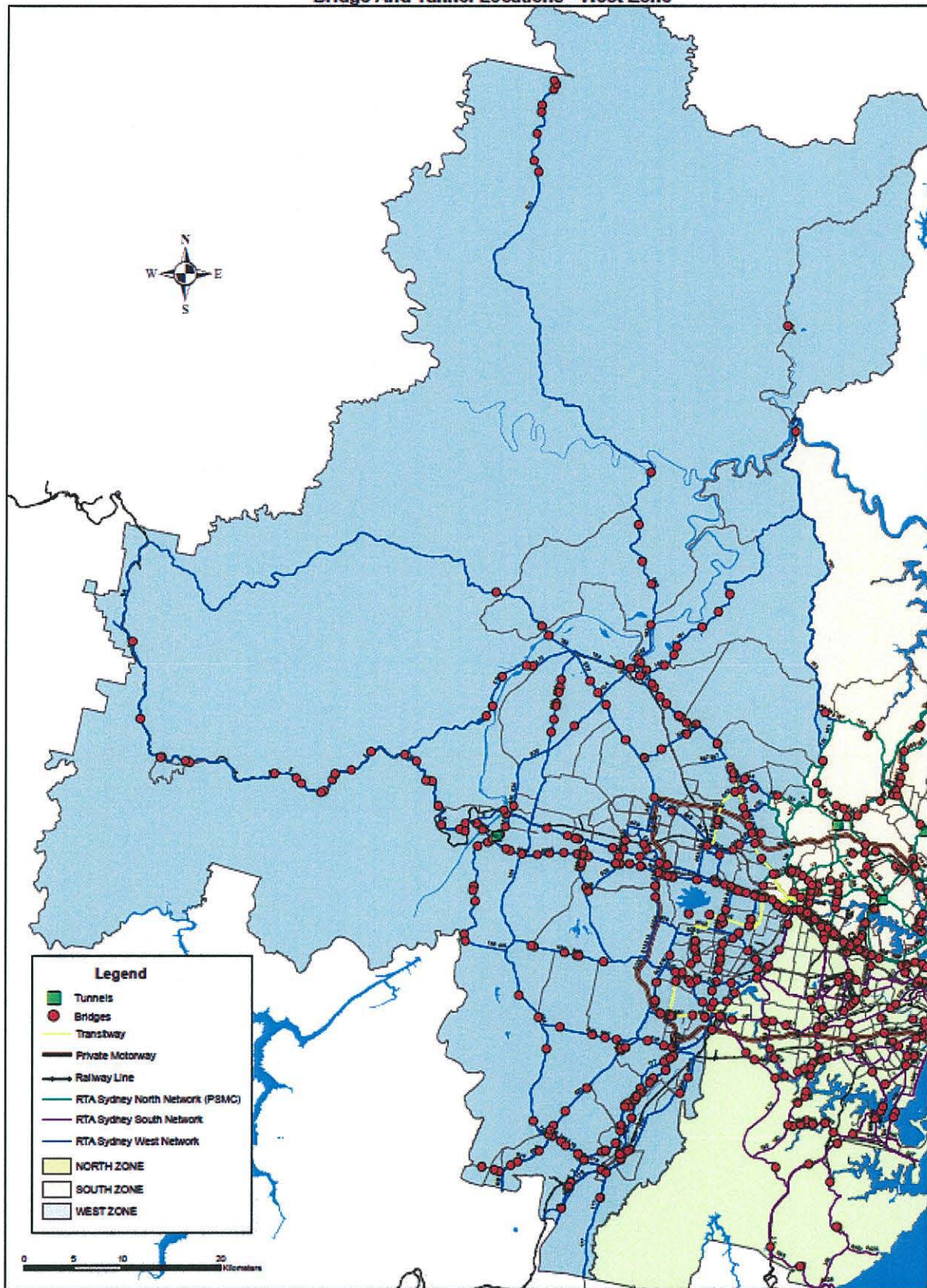
Bridge size culverts are defined as a culvert with a span exceeding 6m or 20m² in pipe cross sectional area.

The maps below provide an overview of the bridge locations, whilst the table provides the detail currently available on the RMS asset database. The Service Provider is to note that not all bridges for which it will become the steward is on Contracted Roads, but are bridges for which RMS are responsible.

Bridge And Tunnel Locations - West Zone



Bridge And Tunnel Locations - West Zone



Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
SYDNEY NORTH ZONE						
2	2	W/B Bridge On High St	Over Freeway F1	High St North Sydney	101	Concrete
3	3	E/B Bridge On High St	Over Freeway F.1	At North Sydney	50	Concrete
4	4	Bridge On Mount St	Over F1 (S/B)	At North Sydney	43	Steel Beam
5	5	Bridge On Mount St	Over F1 (N/B)	At North Sydney	39	Steel Beam
6	6	Pedestrian Bridge At Ridge St	Over Warringah Freeway	At North Sydney	99	Concrete
7	9	Bridge On Ernest St	Over Freeway F.1	At Cammeray (W Bdg)	33	Steel Beam
8	10	Bridge On Ernest St	Over Freeway F.1	At Cammeray-Mid Bridge	39	Steel Beam
9	11	Bridge On Ernest St	Over Freeway F.1	At Cammeray (E Bridge)	35	Steel Beam
10	13	Bridge On West St	Over Warringah Freeway	At Cammeray	58	Concrete
11	14	S/B Bridge On F.1	Over Brook St-Sr2093	At Naremburn	27	Concrete
12	15	N/B Bridge On F1 Over	Brook St (SR 2093)	At Naremburn	27	Concrete
13	16	Bridge On Merrenburn Av	Warringah Freeway	At Naremburn	89	Concrete
35	41	Bridge On Great Western Highway	Iron Cove Creek	Ashfield	10	Concrete
39	46	Bridge On Ryde Rd	Over Lane Cove River	At West Pymble	185	Concrete
40	48	Bridge On Falcon St	(MR 164) Over N/B F.1	At Cammeray	83	Steel Beam
41	49	Bridge On Falcon St	(MR 164) Over S/B F.1	At Cammeray	29	Steel Beam
42	50	The Spit Bridge	Over Middle Harbour	At South Of Seaforth	227	Steel Beam
43	51	Bridge On Ethel St	Over MR164-Manly Road	At Balgowlah	23	Steel Beam
44	52	Bridge On	Over Burnt Bridge	At Manly	15	Concrete

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
		Condamine St	Creek			
45	53	Bridge On Condamine St	Over Manly Creek	At Manly Vale	16	Concrete
46	54	Culvert On Condamine St	Over Brookvale Creek	At Warringah Mall	13	Culvert
47	55	Bridge On Pittwater Rd	Over Dee Why Lagoon	At Dee Why	7	Concrete
48	56	Bridge (No1) On Pittwater Rd	Over Narrabeen Lake	Narrabeen	51	Concrete
49	57	Bridge (No2) On Pittwater Rd	Over Narrabeen Lake	North Narrabeen	9	Concrete
50	58	Bridge On Pittwater Rd	Over Mullet Creek	North Narrabeen	18	Concrete
51	59	Culvert On MR 164	Over Careel Creek	Avalon	12	Culvert
57	66	Bridge On Victoria Rd	Over Parramatta River	At Gladesville	579	Concrete
58	67	Pedestrian Subway	Under MR165	At Huntleys Point	3	Culvert
59	68	Bridge On MR 165	Over MR 166	At Huntleys Point	191	Concrete
60	69	Pedestrian Bridge Over Victoria	Road & Loading Ramp	At Huntleys Pt	121	Concrete
63	73	Bridge On MR166	Over Tarban Creek	At Hunters Hill	228	Concrete
64	75	Bridge On Burns Bay Rd	Lane Cove River	Hunters Hill	228	Steel Beam
65	76	Pedestrian Bridge	Over Burns Bay Rd	Linley Point	27	Steel Beam
89	100	Bridge On MR174	Over Wirreanda Creek	At National Park	10	Concrete
90	101	Bridge On McCarrs Creek Rd	Over McCarrs Creek	At National Park	9	Concrete
94	105	Bridge On Delhi Rd	Lane Cove River	Chatswood West	55	Concrete
123	134	Bridge On Malga Av	Warringah Rd	Roseville Chase	42	Concrete
124	135	Bridge On Warringah Rd	Middle Harbour	Roseville Chase	375	Concrete
125	136	Pedestrian Bridge	Over Warringah Rd	Frenchs Forest	90	Concrete
127	138	Bridge On MR373	Over Stringy Bark Creek	At West Lane Cove	53	Concrete
129	140	Bridge On Epping	Lane Cove River	Lane Cove North	79	Concrete

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
		Rd N/B				
134	146	Bridge On SR 397	Middle Creek Num 1	Oxford Falls	16	Concrete
135	147	Bridge On SR 397	Middle Creek Num 2	Oxford Falls	30	Concrete
136	148	Bridge No 3	Over Middle Creek	At Narrabeen Lakes	39	Concrete
137	150	Bridge On SR 397	Deep Creek	Elanora Heights	43	Concrete
144	158	Bridge On SR 525	McCarrs Creek	National Park	8	Timber Beam
156	171	Bridge On Miller St	(MR 599) Over F.1	At Cammeray	77	Concrete
157	172	Bridge On Strathallen A	Long Bay	Northbridge	152	Concrete
167	185	Bridge On SR 649	Iron Cove Creek	Haberfield	17	Concrete
182	201	Bridge On Church St -	Sr2033 Over Burns Bay	Rd-MR166,Hunters H.	45	Concrete
198	221	Bridge On Alpha Road -	Sr2093 Over Small St	At Willoughby	39	Concrete
214	241	Pedestrian Bridge	Over F3	Cowan	49	Concrete
215	243	Bridge On F.3	Hawkesbury River	Peats Ferry	616	Steel Beam
217	256	Railway Bridge Western	Crossing Over F4 At	Auburn	59	Steel Beam
218	257	Services Bridge At F.4	Over Haslams Creek	At Silverwater	71	Steel Beam
261	306	Culvert On SH5	Stormwater Channel	At Lidcombe	8	Culvert
262	307	Bridge On SH5	Over Haslams Creek	At Lidcombe	14	Concrete
265	310	Bridge On Parramatta Rd	Over Unnamed Creek	At Auburn	9	Steel Beam
269	314	Bridge On SH5	Over Duck River	At Auburn	29	Concrete
271	316	Bridge On SH5	Over Duck Creek	At Granville	27	Concrete
273	318	Bridge On Church St-SH5	Over A'Beckets Creek	At Parramatta	18	Steel Beam
291	337	Pedestrian Bridge	Over SH10	At Mt. Kuring-Gai St	33	Concrete
292	338	Bridge On SH10 (S/B)	F3 On/Off Ramps	Cowan	65	Concrete
294	340	Bridge On SH10	F.3 Between Cowan	And Brooklyn	83	Concrete

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
		Over				
295	341	Bridge On SH10	Hawkesbury River	Peats Ferry	602	Steel Truss
302	360	Bridge On Church St	Over Parramatta River	At Parramatta	28	Concrete
303	361	Bridge On Pennant H. Rd	SH13 Over James Ruse Dr-	MR309, North Parramatta	27	Steel Beam
306	370	Bridge On Blaxland Rd	Terry's Creek	Eastwood	8	Concrete
309	373	Culvert On Beecroft Rd	Over Unnamed Creek	At Kandy Ave, Epping	13	Culvert
310	374	Bridge On Beecroft Rd	Over Devlin's Creek	At Epping	10	Concrete
323	388	Bridge On Showground Rd	Over Cattai Creek	At Castle Hill	10	Concrete
324	389	Bridge On Galston Rd	Berowra Creek	Galston	41	Concrete
325	390	Bridge On Galston Rd	Pearces (Tunks) Creek.	Galston	20	Timber Truss
326	392	Bridge On Vic Rd Near	Falconer Av Over Drain	At West Ryde	7	Concrete
329	395	Bridge On Victoria Rd	Over Subiaco Creek	At Rydalmere	29	Concrete
331	397	Bridge On Victoria Rd	Vineyard Creek	Rydalmere	11	Concrete
352	419	Bridge On Windsor R	Over Darling Mills Creek	At Northmead	23	Steel Beam
369	437	Steel Trust Bridge: Concord Rd	Over Parramatta R	At Uhr's Point	346	Steel Truss
371	461	Bridge On James Ruse Dr	Parramatta River	Parramatta	137	Concrete
372	462	Pedestrian Bridge Over On-Load	Ramp Fr K Point Rd	To James Ruse Dr Dundas	17	Concrete
376	476	Bridge On Bobbin Head R	Over Cackle Creek	At Bobbin Head	59	Concrete
378	478	Bridge On Epping Road	Over Lane Cove Rd.	At North Ryde	102	Concrete
379	479	Culvert On Epping Rd	Shrimp tons Creek	North Ryde	9	Culvert

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
380	480	Bridge On Epping Rd	Terry's Creek	Epping	24	Concrete
409	512	Bridge: Silverwater Rd	Over Parramatta R	At Silverwater	189	Concrete
437	543	Ponds Creek At	Kissing Pt Rd	Dundas	7	Concrete
439	545	Bridge On Kissing Pt Rd	Over Vineyard Creek	At Dundas	9	Concrete
440	546	Bridge On Kissing Pt Rd	MR574 Over James Ruse Dr	MR309 At Dundas	36	Concrete
460	570	Bridge On Rutledge St	Northern Rail	Eastwood	43	Concrete
467	581	Culvert On Riverside R	Porters Creek	Macquarie Park	9	Culvert
471	586	Bridge On James Ruse Dr	MR309 Over Belmore St	At Dundas	29	Concrete
472	588	Bridge On James Ruse Dr	SH13 Over Access Rd	To Lake Parramatta	13	Concrete
473	589	Culvert On SH13	Over Hunts Creek	At North Parramatta	11	Culvert
476	592	Bridge On Mac. Arthur St	Over Parramatta River	At Parramatta	110	Steel Truss
546	6451	Pedestrian Subway	Under Pacific Hwy	At Pymble	4	Culvert
550	6456	Pedestrian Bridge	Over F.4	At Franklins St	66	Concrete
551	6457	Bridge On Windsor Road-	MR184 Over James Ruse Dr-	SH13 At Northmead	28	Steel Beam
552	6458	Bridge On SH13 Over	Darling Mills Creek	At Northmead	40	Concrete
556	6518	Bridge On James Ruse Dr -	SH13 Over North Rocks	Road At Northmead	35	Concrete
577	6801	On-Loading Ramp M4	Becketts Creek	Holroyd	56	Concrete
579	6803	Bridge On F.4	Over Burnett Street	At Mays Hill	46	Concrete
580	6804	Bridge On Great Western Highway	Powells Creek	Homebush	10	Concrete
582	6807	Bridge On SH13 At MR635	Over Toongabbie Creek	At Wentworthville	61	Concrete
587	6839	Pedestrian Bridge	Over Sydney Road	At Balgowlah	45	Steel Beam

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
588	6840	Bridge On F4	Underwood Road	Homebush	51	Concrete
589	6841	Bridge On 6004	Saleyards Creek	Homebush West	10	Concrete
590	6842	Bridge On F.4 - E/B	Over Birnie Ave	At Lidcombe	44	Concrete
591	6843	Bridge On F.4 - W/B	Over Birnie Ave	At Lidcombe	44	Concrete
592	6844	Bridge On F.4 - E/B	Over Hill Road	At Lidcombe	47	Concrete
593	6845	Bridge On F.4 - W/B	Over Hill Road	At Lidcombe	47	Concrete
594	6846	Bridge On M4 W/B	Haslams Creek	Homebush Bay	70	Concrete
595	6847	Bridge On M4 E/B	Haslams Creek	Homebush Bay	70	Concrete
596	6848	Bridge On F.4 Over MR190	Silverwater Road	At Silverwater	53	Concrete
598	6851	Pitt St Bridge Over F4	At Merrylands	West	47	Concrete
599	6900	Bridge On F.4	Northern Rail	North Strathfield	366	Concrete
600	6901	Pedestrian Bridge At Pomeroy St	F4	North Strathfield	68	Steel Beam
602	7202	Pedestrian Subway	Under F.4	At Mays Hill	4	Culvert
603	7204	Pedestrian Subway At Fox St	Under M4	Holroyd	4	Culvert
613	7312	Bridge On James Ruse Dr	Duck Creek	Granville	27	Concrete
616	7371	Bridge On Edgeworth Da-	Viaduct Av.-SR2043 Over	F.3 At Wahroonga	51	Concrete
618	7411	Bridge On N/B James Rouse Dr	Rail M4 W/B Ramp & Creek	James Ruse Drive	249	Steel Beam
619	7412	S/B Bridge On James Rouse Dr	Rail M4 W/B Ramp & Creek	James Ruse Drive	252	Steel Beam
620	7413	Pedestrian Bridge Over On-Load	From F4 To MR309	At Rosehill	81	Concrete
625	7459	Pedestrian Subway Under Railway	At SH13-Freame St	Wentworthville	4	Culvert
628	7475	Bridge On Myrtle St	Over Burnt Bridge Creek Devi	At Balgowlah	38	Concrete
629	7477	Bridge On Concord Rd -	MR 668 Over F.4	At Concord	54	Concrete
630	7480	Bridge On Epping Rd S/B	Lane Cove River	Lane Cove North	97	Concrete

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
640	7560	Parramatta Viaduct SP.1-20	Between Wentworth & Onsl	Granville	656	Concrete
641	7562	Parramatta Viaduct	On-Load Ramp Sfj	At Span 20 Over Loc.R	161	Concrete
642	7563	Parramatta Viaduct	Off-Load Ramp Njf	At Span 20 Over Loc.R	124	Concrete
643	7564	Parramatta Viaduct	Spans 21-35 Between	Onslow St & Good St	485	Concrete
644	7565	Parramatta Viaduct	Spans 36-58 Between	Good St & Church St	728	Steel Beam
646	7595	Bridge Over F3 At	Alexandria Parade	Wahroonga	48	Concrete
647	7600	Pedestrian Subway under MR164	& Culvert Over Burnt Bridge	Creek At Balgowlah	7	Culvert
648	7601	Burnt Bridge	Creek-Kitchner St		6	Culvert
649	7602	Culvert On Burnt Bridge Creek	Devn Over Burnt Bridge Creek	At Pitt St Balgowlh	12	Culvert
651	7632	On & Off Load Ramps	A Becketts Creek	Holroyd	57	Concrete
657	7687	Bridge On Church Street	Over F.3	At Mt. Ku-Ring-Gai	49	Concrete
658	7699	Bridge On Pacific Highway	Over F3	At Wahroonga	43	Concrete
663	7767	Pedestrian Subway	Silverwater Rd	Ermington	4	Culvert
675	7814	Pedestrian Bridge	Over Parramatta Rd At	Broughton St, Burwood	112	Steel Beam
676	7815	Bridge On Pacific Highway	Over Ryde & M'Vale Rd	At Gordon-Pymble	34	Concrete
680	7823	Pedestrian Bridge	Over SH13	At Normanhurst	2	Concrete
681	7830	Pedestrian Bridge, Harwood Ave	Over Freeway F3	At Mt Kuring Gai	74	Steel Beam
682	7831	Pedestrian Bridge Over F.3	At Warwilla Ave	Wahroonga	93	Concrete
685	7839	New Bridge: Concord Rd	Over Parramatta R	At Uhr'S Point	334	Steel Beam
686	7850	Arch Culvert On F.3	Over Spring Gully Creek	29.25Km N Of Sydney	173	Concrete
687	7851	Arch Culvert On F.3	Over Spring Gully Creek	28.125Km N Sydney	188	Concrete

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
688	7853	Bridge On MR366	Over Freeway F3	At Mt. Colah	48	Concrete
689	7858	Bridge On Connect Road	To SH10 Over F3	Windy Banks Interchange	102	Concrete
690	7869	Twin Bridges On MR200	Northern Railway	At IKEA, Rhodes	57	Steel Beam
691	7871	E/B Offload Ramp-F4	Over Boundary Creek	At Homebush	10	Concrete
693	7883	Bridge ON Homebush Bay	Dr Over Victoria Ave	At Concord West	11	Concrete
697	7905	Bridge On Homebush Bay Dr	Over F4	At Homebush	88	Concrete
702	7943	F3-S/B Unload Ramp	Over F3, At Berowra	40.17Km N Of Sydney	105	Concrete
705	7948	Bridge On Homebush Bay Rd	Over Oulton Ave	At Rhodes	24	Concrete
708	7997	Bridge On Centenary Dr	Over Parramatta Rd	At Homebush West	63	Steel Beam
710	8011	Fire Access Bridge	Over Freeway F3	At Berowra Railway Stn	55	Concrete
719	8030	Bridge On Willoughby Rd	Over Gorehill Freeway	At Naremburn	23	Concrete
721	8032	Bridge On Hampden Road	Over Gore Hill Freeway	At Artarmon	67	Concrete
723	8034	Bridge On N/B Off-Load	Ramp Over Gore Hill	Freeway At Artarmon	240	Concrete
724	8035	Bridge On Pacific Highway	Over Gorehill Freeway	At Lane Cove	25	Concrete
728	8039	Footbridge	Over Willoughby Rd	At Naremburn	64	Steel Beam
729	8040	Pedestrian Bridge Near Paul St	Over Epping Rd	North Ryde.	115	Concrete
742	8091	Viaduct, Gore Hill	Freeway At Willoughby	Road, Naremburn	261	Concrete
743	8092	Bridge On Gore Hill	Freeway Over Chelmsford	Avenue At Naremburn	71	Concrete
744	8093	Twin Bridges On MR 200	Over Powells Creek At	Concord West	100	Concrete
748	8142	Bridge On RTA Access Rd	Over Duck Creek	At Rose Hill	31	Concrete

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
749	8143	Bridge On RTA Access Rd	Over A'Beckett's Creek	At Rose Hill	43	Concrete
751	8216	Underpass Under W/B	Mona Vale Rd-MR162	At Terry Hills	65	Concrete
761	8253	Pedestrian Bridge	Over Pacific Highway at	Coonanbarra Rd	2	Concrete
771	8264	Pedestrian Underpass	Under Railway	At West Ryde	33	Culvert
772	8265	Pedestrian Tunnel	Under Homebush Bay Dr	Near Railway at Rhodes	33	Culvert
777	8270	Pedestrian Bridge	Over SH13 At Station	St, Thornleigh	93	Concrete
778	8271	Pedestrian Bridge	Over SH13 at the crescent	Pennant Hills	106	Concrete
780	8323	Bridge On Victoria Rd	Over James Ruse Dr	At Parramatta East	40	Steel Beam
788	8352	Underpass On Castle	Hill Rd under Pennant	Hills Rd, Beecroft	124	Culvert
789	8353	Pedestrian Subway On Mona	Vale Rd East Of	Cooyong Rd, T'Hills	5	Culvert
792	8356	Bridge On Connection Rd	To SH10, Over Rail At	Windy Bank Interchange	0	Concrete
798	8367	Bus Access Road	Under Homebush Dr	Homebush	4	Culvert
799	8368	Pedestrian Subway	Under Hampden Rd At	Gore Hill Artarmon	22	
800	8369	Pedestrian Subway	U/N Victoria Rd By	J/Ruse Dr Parramatta	3	
801	8370	Pedestrian Bridge Over on-ramp to	J Ruse Dr Fr MR165	Parramatta	2	Concrete
803	8372	Culvert On MR 174	Over Unnamed Creek Near	Bay G'Club M'Vale	15	Culvert
832	8469	Pedestrian Bridge Near Johnston	Over Epping Rd	Lane Cove	125	Concrete
834	8506	Pedestrian Bridge Near Sam Joh	Over Epping Rd	At Lane Cove	53	Steel Truss
835	8507	Bridge On Silverwater Rd	Over Victoria Rd	At Ermington	36	Concrete
836	8508	Bridge On Silverwater Rd	Over Patterson St	At Ermington	21	Concrete

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
837	8509	Bridge On Pearce St	Over Silverwater Rd	At Ermington	34	Concrete
838	8513	Pedestrian Bridge	Over Old Northern Rd	Near Primary School, Dural	70	Concrete
839	8514	Pedestrian Bridge	Over Warringah Rd near	F'Ville Ave F'Ville	101	Concrete
841	8516	Pedestrian Bridge	Over SH 13 near	B'Croft Rd P'Hills	62	Concrete
842	45	Bridge On Pittwater Rd	Over Manly Lagoon	At Manly	37	Concrete
7525	319	Culvert On SH5	Over Finlaysons Creek	At Wentworthville	12	Culvert
7679	8555	Culvert On M4	Unnamed Creek	Lidcombe	7	Culvert
7684	8548	Pedestrian Bridge	Over Castle Hill Rd	West Pennant Hills	162	Steel Beam
7802	8687	N/B Bridge On SR 200	Underwood Rd	Homebush	88	Concrete
7806	8689	S/B Bridge On SR 200	Underwood Rd	Homebush	88	Concrete
7808	8711	Pedestrian	Cumberland Highway	Wentworthville	131	Concrete
8074	8915	Bridge On Victoria Rd	Devlin Street	Ryde	85	Concrete
8083	8927	Pedestrian Bridge (Near Hampden)	Military Rd	Cremorne	77	Concrete
8088	8931	Service Tunnel	M4 Near Haslams Creek	Lidcombe	3	Culvert
8089	8932	Service Tunnel	M4, Near Pomeroy Rd	Homebush	3	Culvert
8090	8933	Service Tunnel	M4 West Of Homebush Dr	Homebush West	3	Culvert
8091	8934	Service Tunnel	Under Homebush Bay Dr	M4 Homebush West	3	Culvert
8227	8977	Bridge On Willoughby Rd	Flat Rock Creek	Naremburn	6	Concrete
8579	9227	Bridge On L G S M Drive	Akuna Bay	Akuna Bay	13	Concrete
8892	9246	Cycleway Bridge	Over James R Dr, Rail	At Granville	287	Concrete
8974	9799	Pedestrian Bridge	Carlingford Rd	Epping	26	Concrete

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

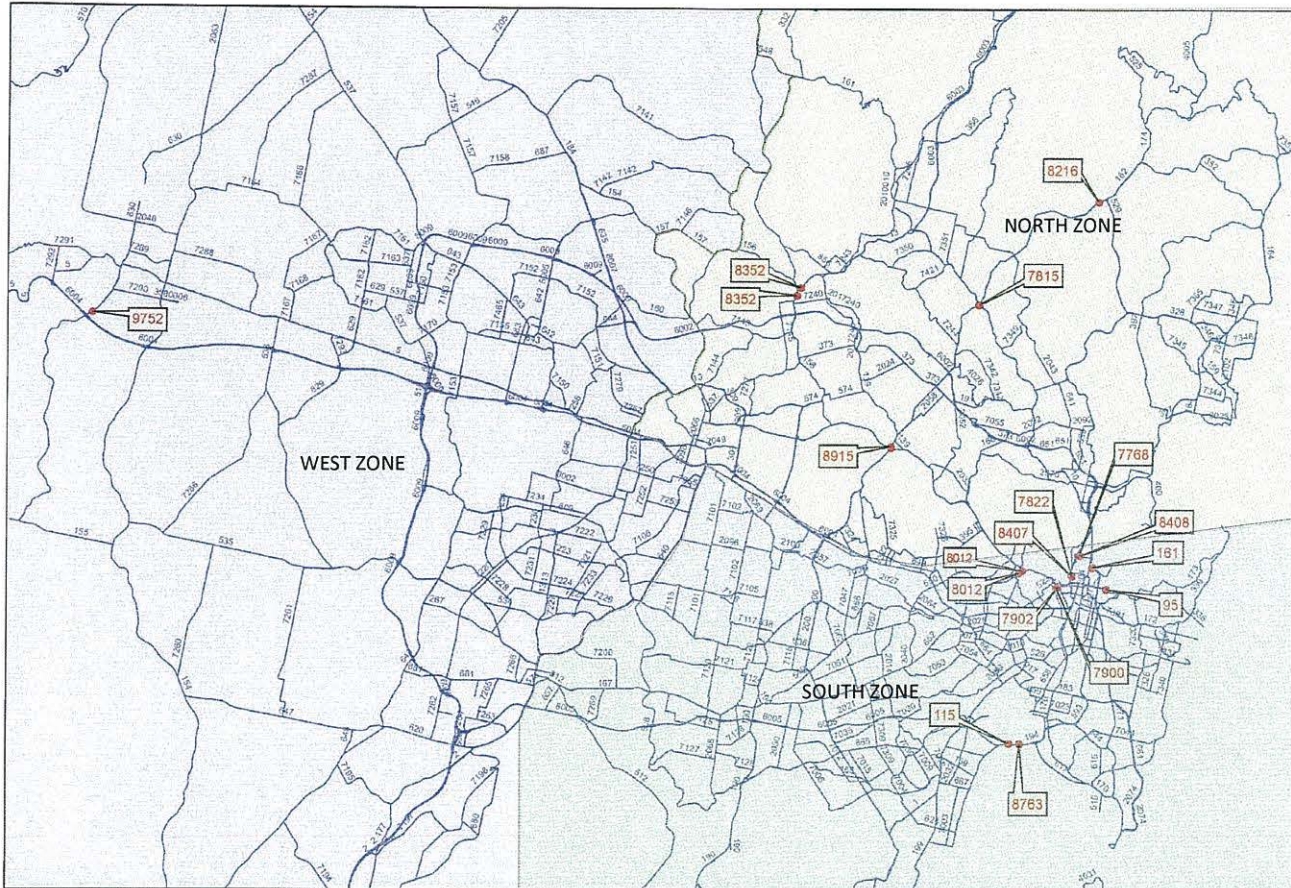
Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
9046	9996	Cycle Ramp To SH10	Adjacent Gorehill Freeway	Lane Cove	200	Concrete
9047	9997	Viaduct	Gore Hf EB Transit L	Lane Cove	61	Concrete
9048	9998	W/B Gore Hill Freeway	Warmn Property near SH10	Artarmon	181	Concrete
9049	9999	Road Bridge On Reserve Rd	Gore Hill Freeway	Artarmon	100	Concrete
9051	10001	N/B Falcon St Ext Ramp	Warringah Freeway	North Sydney	60	Concrete
9052	10002	Pedestrian bridge At Parklands Ave	Epping Rd	Lane Cove North	49	Steel Truss
9077	10007	Cycle way Bridge at Chelmsford Ave	Waterway North of Gorhi Freeway	Artarmon	27	Concrete
9078	10008	Cycle way Bridge At Park Rd	Waterway Nr Gore Highway	Naremburn	9	Concrete
9103	9648	Culvert	Over Georges Creek	Dural	8	
9104	10033	Culvert-Corrugated	Pyes Creek	Wren Ct-Castle Hill	8	Culvert
9105	9650	Culvert- Concrete	Nyripping Creek	Lamb Place Cherrybrook	5	Culvert
9106	9651	Culvert-Concrete	Berowra Creek	Lee Rd Cherrybrook	6	Culvert
9129	10056	Shared Path Bridge	At Merrenburn Av	Naremburn	29	Concrete
9165	10090	Bridge On M4 Cycleway	A Becketts Cr	near M4 Ramp Holroyd	57	Concrete
9166	10091	Culver On M4 Cycleway	Creek under Church St	Holroyd	75	Culvert
9167	10092	Bridge On M4 Cycleway	Creek Under Rail	Nr Church St Granville	110	Concrete
9168	10093	Bridge On M4 Cycleway	Canal near Good St	Granville	16	Concrete
9291	10222	Pedestrian Bridge	Beecroft Rd	Epping Station	20	Steel Truss
9318	10234	Pedestrian Bridge	SH5	Auburn	177	Concrete
9555	10344	Cycleway Bridge On MR373	Terrys Creek	Epping	33	Concrete
9571	10360	Pedestrian Bridge At South St	Silverwater Rd	Rydalmere	34	Steel Beam

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
9581	10370	Pedestrian Bridge	Warringah Freeway	North Sydney	193	Steel Beam
9739	10618	Un/Pass Under off & on	Ramps Of MR 190	Ermington	3	
9746	10625	Service Tunnel	Under M4 West Of	Birnie Ave Homebush	2	Culvert
9758	10637	Pedestrian Underpass	On Ramp From SH10	Lane Cove	15	Concrete
9798	10677	Cycle Bridge At Sam Joh W	Adjacent Epping Rd	Lane Cove West	220	Concrete
9909	10786	Under Pass Pedestrian Ghfw	Under Falcon St	North Sydney	7	Concrete
9960	10837	Cycleway Underpass	Under Reserve Rd	Artarmon	4	Concrete

3.7 Schedule of Tunnels & Tunnel Assets

The map below illustrates tunnel locations in the Sydney Road Network. The schedule in the table following indicates descriptions of the tunnels including those indicated in the North Zone that are to be maintained under the SMC

Tunnels with Sydney Zone Boundaries Indicated



3.7.1 Schedules of Tunnels

Tunnel Name	Tunnel number	Tunnel Name	Location Description	Overall Length [m]
OTHER: SYDNEY NORTH ZONE				
Pymble Interchange	7815	Bridge on Pacific Highway over Ryde and Mona Vale Road	At Gordon – Pymble	34
	8216	Underpass under Westbound Mona Vale Road, MR 162	At Terry Hills	65
	8915	Bridge on Victoria Road over Devlin Street	Ryde	85
Thompsons Corner Tunnel	8352	Underpass on Castle Hill Road under Pennant Hills Road	Hills Road, Beecroft	124

3.7.2 Schedules of Tunnel Assets

Assets defined – nil

3.7.3 Sydney Tunnel Schedule - Electrical Inventory

The inclusion of the following table of electrical inventory is for the purpose of giving an indicative quantity of the items to be maintained under the SMC. It is not an exhaustive list of electrical items, and quantities may vary on site from the table listed below.

Tunnel Name	Tunnel number	Tunnel Name	Items included in the service (indicative quantity, where available)						
			Lighting	Power	Ventilation	CO Monitoring	Fire System	Drainage	General
SYDNEY NORTH ZONE									
Pymble Interchange	7815	Bridge on Pacific Highway over Ryde and Mona Vale Road	<ul style="list-style-type: none"> • Lighting Control Unit <u>Lighting Switchboards:</u> • Stage 1 Circuit Breakers (12) • Stage 1 Switch • Stage 2 Circuit Breakers (6) • Stage 2 Switch • Stage 3 Circuit Breakers (6) • Stage 3 Switch • Stage 4 Circuit Breakers (6) • Stage 4 Switch • Stage 5 Circuit Breakers (6) • Stage 5 Switch 						<ul style="list-style-type: none"> • Main Power Switch
	8216	Underpass under Westbound Mona Vale Road, MR 162	INFO MISSING						
	8915	Bridge on Victoria Road over Devlin Street	INFO MISSING						

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

Tunnel Name	Tunnel number	Tunnel Name	Items included in the service (indicative quantity, where available)						General
			Lighting	Power	Ventilation	CO Monitoring	Fire System	Drainage	
Thompson's Corner Tunnel	8352	Underpass on Castle Hill Road under Pennant Hills Road	<ul style="list-style-type: none"> • Lighting Control Unit <u>Lighting Switchboards:</u> • Stage 1 Circuit Breakers (6) • Stage 1 Switch • Stage 2 Circuit Breakers (6) • Stage 2 Switch • Stage 3 Circuit Breakers (12) • Stage 3 Switch • Stage 4 Circuit Breakers (12) • Stage 4 Switch • Stage 5 Circuit Breakers (4) • Stage 5 Switch <u>Housing Service Station</u> • Circuit Breakers (5) • Switches (2) • Dials (2) 						<ul style="list-style-type: none"> • Main Power Switch • Fuses (5) • Thermostat

3.7.4 Sydney Tunnel Schedule – Mechanical Inventory

The inclusion of the following table of mechanical inventory is for the purpose of giving an indicative quantity of the items to be maintained under the SMC. It is not an exhaustive list of mechanical items, and quantities may vary on site from the table listed below.

Tunnel Name	Tunnel number	Tunnel Name	Items included in the service (indicative quantity, where available)						
			Lighting	Power	Ventilation	CO Monitoring	Fire System	Drainage	General
SYDNEY NORTH ZONE									
Pymble Interchange	7815	Bridge on Pacific Highway over Ryde and Mona Vale Road		No power backup system	No ventilation system	No CO monitoring system	• Hydrant Points	Drainage via Sydney Water drainage system	<ul style="list-style-type: none"> • Tunnel walls comprise coloured AC sheeting No height detection system No emergency telephone system No Cathodic Protection System No traffic monitoring/control plans
	8216	Underpass under Westbound Mona Vale Road, MR 162	INFO MISSING						
Top Ryde Tunnel	8915	Bridge on Victoria Road over Devlin Street		No power backup system	No ventilation system	No CO monitoring system	No fire system	No drainage system	<ul style="list-style-type: none"> • Concrete tunnel walls with various art designs No height detection system No emergency telephone system No Cathodic Protection System No traffic monitoring/control plans No advisory/warning signs

Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

Tunnel Name	Tunnel number	Tunnel Name	Items included in the service (indicative quantity, where available)						General
			Lighting	Power	Ventilation	CO Monitoring	Fire System	Drainage	
Thompson's Corner Tunnel	8352	Underpass on Castle Hill Road under Pennant Hills Road		No power backup system	No ventilation system	No CO monitoring system	No fire system	Drainage via Sydney Water drainage system	<ul style="list-style-type: none"> • Tunnel walls comprise coloured AC sheeting • Speed Limit Advisory Sign <p>No emergency telephone system No Cathodic Protection System No traffic monitoring/control plans</p>

EXHIBIT 2
Initial Service Plans

**Stewardship Maintenance Contract
Sydney South Zone
Exhibit 2 - Initial Service Plans**



EXHIBIT 3
Information Documents

The documents listed in this Exhibit 3 are Information Documents. All of these documents were contained in the online data room for the Request for Proposals titled "Road Maintenance Contestability Reform Program Stewardship Maintenance Contracts (SMCs) – Sydney".

The Information Documents are as follows:

- 03.01.01 Asset Condition and Inventory Data_SMC_Asset_Definitions.mxd
- 03.01.02 Asset Condition and Inventory Data_PavementCondition.zip
- 03.01.03 Asset Condition and Inventory Data_Stewardship Maintenance Contract.zip
- 03.01.04 Transition Staff Data.xlsx
- 03.01.05 List of Subcontractors.pdf
- 03.01.06 Maintenance Agreement between RTA and Blue Mountains City Council.pdf
- 03.01.10 Road Occupancy Licence Conditions of Approval.pdf
- 03.01.11 Guide to Codes and Practices for Streets Opening.pdf
- 03.01.12 Asset Maintenance Accomplishment Data_South Zone.xls
- 03.01.13 Asset Maintenance Accomplishment Data_West Zone.xls
- 03.01.14 Reference Project Brief - Taren Point Road (82602).pdf
- 03.01.15 Reference Project Brief - Taren Point Road (82604).pdf
- 03.01.16 Reference Projects Briefs - Tactical Road Pavement Projects.pdf
- 03.01.17 Employee Information Kit.pdf
- 03.01.18 Definition of Network Performance Measures and Indicators.pdf
- 03.01.19 Network performance measures and targets.pdf
- 03.01.20 WAD example driveway approval.pdf
- 03.01.21 WADPack Design Plan Requirements.pdf
- 03.01.22 WADPack Project Management Manual.pdf
- 03.01.23 WADPack Specification Requirements.pdf
- 03.01.24 WADPack Surveillance for Developer Funded Works.pdf
- 03.01.25 RMS Land Use Development Process _WAD fact sheet.pdf
- 03.01.26 Template for WAD_minor.doc
- 03.01.27 Minor WAD_attachments.pdf

03.01.28 Template for WAD_major.doc

03.01.29 Major WAD_attachments.pdf

03.01.30 Policy for road safety audits of construction & reconstruction projects.pdf

03.01.31 Addendum 2.1 - Depot site layout diagrams.pdf

03.01.32 Addendum 3.1 - Stewardship Principles alignment meeting presentation.pdf

03.01.33 Addendum 5.2 - Reference Projects - Tactical Road Pavement Projects.pdf

03.01.34 Addendum 5.5 - EPI EIR GN01 Environmental Inspection Report Guidance Note.pdf

03.01.35 Addendum 5.5 - Biodiversity Guidelines.pdf

03.01.36 Addendum 5.5 - PIA PO5 1 Environmental Assessment Procedure for Routine and Minor Works.pdf

03.01.37 Addendum 5.5 - EIA PO5 2 Project Review of Environmental Factors.pdf

03.01.38 Addendum 5.5 - Environmental Incident Classification and Reporting Procedure.pdf

03.01.39 Addendum 5.5 - RTA Environmental Noise Management Manual.pdf

03.01.40 Addendum 5.5 - EMS-TG-10 Stockpile Site Management Guideline.pdf

03.01.41 Addendum 5.5 - Standard Management Procedure_Unexpected Archaeological Finds.pdf

03.01.42 Addendum 5.5 - Code of Practice for Water Management.pdf

03.01.43 Addendum 5.5 - EMS-TG-011 Environmental Management of Construction Site Dewatering.pdf

03.01.44 Addendum 6.1 - Maintenance Regime of Sydney Tunnel Asset.pdf

03.01.45 Addendum 6.2 - Current SRMPs.zip

03.01.46 Addendum 6.4 - Extract of RFS Key Performance Indicators Report.pdf

03.01.47 Addendum 6.5 - EPA Specific Immobilisation Approval.pdf

03.01.48 Addendum 6.6 - Asset Condition and Inventory Data_SMC_Asset_Definitions.mxd

03.01.49 Addendum 6.7 - Asset Condition and Inventory Data_Stewardship_Maint_Contract.zip

03.01.50 Addendum 7.1 - Wages Award_RMS Policies.zip

03.01.51 Addendum 8.1 - Guide for the Measurement and Interpretation of Skid Resistance using SCRIM.pdf

03.01.52 Addendum 8.2 - ECI Definition.pdf

03.01.53 Addendum 8.3 - Additional shape files for Data_Stewardship_Maint_Contract.zip

03.01.54 Addendum 9.3 - Asset Information session presentation.pdf

03.01.55 Addendum 9.4 - TMC general briefing session presentation.pdf

03.01.56 Addendum 10.1 - rams_sgmnt.pdf

- 03.01.57 Addendum 10.2 - rams_inventory.pdf
- 03.01.58 Addendum 10.3 - rams_lane_nmbrg.pdf
- 03.01.59 Addendum 12.1 - Communication and Community Engagement Presentation.pdf
- 03.01.60 Addendum 12.2 - Sydney Incident Accomplishment Detailed 2011 2012.xls
- 03.01.61 Addendum 15.1 - Workers Compensation summary 2011_12 to 2012_13.pdf
- 03.01.62 Addendum 16.2 - Bridges need underwater inspection.pdf

EXHIBIT 4

Sydney Running Festival Event Management Plan

B.H.



Transport
Management
Centre



1 OPERATIONAL
ORDER

2 RUN / TASK
SHEET

3 PUBLIC
TRANSPORT

4 EVENT MAPS

5 TRAFFIC MAPS

6 VMS



BLACKMORES
SYDNEY RUNNING FESTIVAL
Sunday Telegraph
OFFICIAL PARTNER

Sun 16 Sept 2012

OPERATIONAL ORDERS



**Transport
Management
Centre**

OPERATIONAL ORDERS

Sydney Running Festival



16 September 2012

Also for and on behalf of



**Transport
Roads & Maritime
Services**

Roads and Maritime Services

Sydney Running Festival

16 September 2012

I. SITUATION

I.1 GENERAL OUTLINE

The Sydney Running Festival will be held on 16 September 2012. The event is organised by Pont 3

The Sydney Running Festival has 4 different events as listed below:

Half Marathon: Is a 21km course commencing at 06:20am from Alfred St Sth, Milsons Point and finishes at Sydney Opera House (refer to event 'maps' tab for course route). cut off (640)

Marathon: Is a 42km course commencing at 07:25am (wheelchair) and 07:30am (runners) from Alfred St Sth, Milsons Point and finishes at Sydney Opera House (refer to event 'maps' tab for course route). (740)

Family Fun Run: Is a 4km course commencing at 07:55am from Alfred St Sth, Milsons Point and finishes outside the gates to Government House (refer to event 'maps' tab for course route). (820)

Bridge Run: Is a 9km course commencing at 09:00am from Alfred St Sth, Milsons Point and finishes outside the gates to Government House (refer to event 'maps' tab for course route). (935)

██████████ is the event manager and can be contacted on ██████████. The allocated radio channel for event operation is ██████████

Temporary road closures will be implemented (refer to 3.2.1).

Special Event Clearways will be in operation (refer to 3.2.2).

I.2 GOVERNMENT COORDINATION CENTRE (GCC)

GCC will be operating. TMC will be represented between 4am – 2pm
██████████

I.3 JOINT OPERATIONS CONTROL ROOM (JOC)

JOC will be in operation between 1am – 2pm
██████████

2. MISSION

To ensure the event is conducted safely; to minimise danger to event participants and the general public; and to minimise disruption to the non-event community.

3. OPERATIONS

3.1 GENERAL OUTLINE

Whilst the event will be conducted under Police supervision and Police will manage road closures, the Transport Management Centre (TMC) will take a lead role in managing traffic around the event. Decisions on road re-openings will be made by Police in conjunction with the RMS. More details on roles and responsibilities can be found in the RMS/Police Memorandum of Understanding (MoU) *'Traffic Management of Events & Incidents'*, Oct 2009 and the RMS/Police Memorandum of Understanding (MoU) *'Management of Road and Traffic Incidents'*, dated: 13 December 2010.

Permanent and Portable VMS have been utilised to inform motorists of the event. These messages will be displayed 15 days out from the event to advise all commuters in advance. This will help to reduce the amount of commuters on the day of the event and therefore will reduce the impact the event will make on the Sydney CBD on the day.

RMS will supply and set up all traffic related infrastructure, barriers will not be delivered to site prior they will be delivered and setup at the same time.

Who Dares traffic control will manage the access and egress from Wheat Rd to service Cockle Bay Wharf and King St Wharf.

Traffic Controllers (Stop/Slow)

Traffic controllers for the remainder of the course will be supplied by both the RMS and the event organiser. Details can be found on individual TCP's as to which organisation will cover what area.

Barrier Marshals and Traffic Point

The event organiser will provide certified traffic controllers to act as barrier marshals for TCP locations that are not covered by Police. Details can be found on individual TCP's as to which organisation will cover what area.

Event Tracking

Multiple TMC tracking devices will put in vehicles to track the event progress and staff in the field, these devices can be viewed through the Ezitrak website. Login details are in section 4.3.

Parking Meters

City Of Sydney Council will shut down over 230 parking meters in the special event clearway areas.

3.2 ROAD CLOSURES AND CLEARWAYS

Roads will be progressively re-opened by TMC/RMS and Police after cleaning by event organiser (refer to 3.7 for additional cleaning Information) and event crowd control barriers have been removed by Coates and Traffic Control barriers are removed by TMC/RMS.

3.2.1 TEMPORARY ROAD CLOSURES

Milsons Point, North Sydney, Lavender Bay

4am to 10am

Alfred St South	between Olympic Drive and Paul St	Both directions
Alfred St South	between Lavender St and Cliff St	Both directions
Lavender St*1	between Cliff St and Alfred St South	Both directions
Lavender St*1	between Harbour view Crescent and Cliff St	East Bound
Middlemiss St	between Walker St and Lavender St	Both directions
Middlemiss Tunnel	between Middlemiss St and Pacific Hwy	Both directions
Olympic Drive	between Broughton St and Alfred St South	West bound
Pacific Hwy	between Bradfield Hwy and High St	North Bound

Notes:

*1 Lavender St will remain open between Harbour View Crescent and Alfred St south up to 6am to allow a drop off area for event participants.

4am to 11am

Alfred St South	between Paul St and Cliff St	Both directions
Burton St	between Alfred St South and Broughton St	Both directions
Fitzroy St	between Alfred St South and Broughton St	Both directions

Sydney Harbour Bridge and Approaches

4am to 11am

Bradfield Highway / Sydney Harbour Bridge*1	all northbound and southbound lanes	Both directions
Cahill Expressway	between Sydney Harbour Bridge and The Domain Tunnel	Both directions
Warringah Freeway	all access ramps and lanes to and from the Sydney Harbour Bridge	Both directions
Western Distributor*2	all access ramps and lanes to and from the Sydney Harbour Bridge	Both directions
Harbour St	between Day St and Bathurst St	Northbound
Harbour St	between Bathurst St and the Western Distributor	Both directions

Notes:

*1 The Sydney Harbour Tunnel will be fully open during the event except for use by over-size or dangerous goods carrying vehicles. These vehicles will detour via the Gladesville Bridge and ANZAC Bridge when the Sydney Harbour Bridge is closed.

*2 The ANZAC Bridge will be fully open during the event with the Western Distributor / Bathurst St exit ramp available to provide access to Sydney CBD and the Cross City Tunnel. Following the opening of the Sydney Harbour Bridge at 11am, the Bathurst St exit ramp from the Western Distributor can also be used to access the Sydney Harbour Bridge via Harbour St.

Centennial Park / Darlinghurst / Dawes Point / Millers Point / Moore Park / Paddington / The Rocks / Surry Hills / Sydney CBD

4am to 12 Midday

Albert St	between Phillip St and Macquarie St	Both directions
Albion St	between Bourke St and Flinders St	Both directions
Alfred St	between George St and Phillip St	Both directions
Art Gallery Rd	between Hospital Rd and Mrs Macquaries Rd	Both directions
Bent St	between Phillip St and Macquarie St	Both directions
Bent St	between Phillip St and Bligh St	Eastbound
Bridge St	between Pitt St and Young St	Eastbound
Bridge St	between Young St and Macquarie St	Both directions
Brisbane St	between Poplar St and Oxford St	Both directions
College St	between Prince Albert Rd and William St	Both directions
College St	between William St and Oxford St	Both directions
Conservatorium Rd	between Macquarie St and Cahill Expressway including exit and entry ramp to Cahill Expressway	Both directions
Crown St	between Arnold Pl and Oxford St	Both directions
Crown St	between Campbell St and Arnold Pl	Northbound
Flinders St	between Oxford St and Moore Park Rd	Both directions
George St ^{*1,*2}	between Alfred St and Hickson Rd	Both directions
Hickson Rd ^{*3}	between George St and Dawes Point Reserve	Both directions
Hospital Rd ^{*4}	between Shakespeare Pl and Prince Albert Rd	Northbound
Hunter St	between Elizabeth St and Macquarie St	Both directions
King St	between Elizabeth St and Phillip St	Both directions
Linden Lane	between Maiden Lane and Flinders St	Both directions
Liverpool St	between Elizabeth St and College St	Eastbound
Loftus St	between Reiby Pl and Alfred St	Northbound
Macquarie St	between Sydney Opera House and St James Rd	Both directions
Mrs Macquaries Rd	between Art Gallery Rd and Mrs Macquaries Pt	Both directions
Oxford St	between College St and Darlinghurst Rd	Both directions
Patterson Lane	between Bourke St and Flinders St	Both directions
Pelican St	between Poplar St and Oxford St	Both directions
Phillip St	between Alfred St and Hunter St	Both directions
Phillip St	between Hunter St and King St	Both directions
Prince Albert Rd	between Macquarie St and St Hospital Rd	Both directions
Riley St	between Arnold Pl and Oxford St	Both directions
Riley St	between Waine St and Arnold Pl	Northbound
Shakespeare Pl ^{*5}	between Macquarie St and Hospital Rd	Both directions
Short St	between Bourke St and Flinders St	Both directions

St James Rd	between Elizabeth St and Macquarie St	Both directions
St Marys Rd	between Cathedral St and Prince Albert Rd	Both directions
Young St	between Bridge St and Alfred St	Both directions

Notes:

- *1 Local access to George St will be maintained between Alfred St and Hickson Rd via traffic control at Alfred St.
- *2 George St between Hickson Rd and Lower Fort St will be closed for the Rocks Markets.
- *3 A drop off point for Park Hyatt hotel will be maintained at the southern end of the hotel.
- *4 Between 6am and 11am access to Hospital Road will be via two way contra flow at Shakespeare Place.
At all other times access to Hospital Road will be via a traffic point at St Marys Road.
- *5 Shakespeare Place will remain as a cross-over point for eastbound and westbound traffic until 6:15am.

4am to 1:30pm

Argyle St	between George St and Circular Quay West	Both directions
Circular Quay West	between Argyle St and the roundabout northern end	Both directions
Erskine St ^{*2}	between Shelley St and Kent St	Both directions
Hickson Rd ^{*1}	between Napoleon St and Dawes Point Reserve	Both directions
Sussex St	between Napoleon St and King St	Both directions
Wheat Rd Off Ramp ^{*3}	between Harbour St and Wheat Rd	Northbound

Notes:

- *1 Access to and egress from Walsh Bay finger Wharves will be available via a two way contra flow on the western side of Hickson Rd from 12 Midday only. Vehicles must enter and exit via Towns Place.
- *2,*3 Access to Cockle Bay Wharf and King St Wharf. During the Harbour Bridge closure between 4am and 11am access to Wheat Rd for Cockle Bay Wharf tenants, residents and deliveries will be via traffic control on Harbour St at Day St. Exiting the area will be via two way traffic control on Wheat Rd between 6:30am and 1:30pm. Erskine St will be closed between Shelley St and Sussex St from 6:30am to 1:30pm. During this time access to and from King St wharf area will via Wheat Rd only.

6am to 11:30am

Anzac Parade	between Moore Park Rd and Dacey Ave	Both directions
Bus Roadway	between Moore Park Rd and Doncaster Avenue	Westbound
Cleveland St ^{*1}	between South Dowling St and Anzac Parade	Both directions
Driver Av ^{*2}	between Moore Park Rd and Lang Rd	Both directions
Fitzroy St	between South Dowling St and Anzac Parade	Both directions
Lang Rd ^{*1,*3}	between Moore Park Rd and Mitchell St	Southbound
Lang Rd ^{*1}	between Anzac Parade and Errol Flynn Bvd	Both directions
Moore Park Rd ^{*4}	between South Dowling St and Oatley Rd	Both directions

Robertson Rd*5	between Lang Rd and Martin Rd	Both Directions
South Dowling St	between Flinders St and Oxford St	Southbound
South Dowling St	between Flinders St and Fitzroy St	Both directions
The Eastern Distributor off ramp*6	between the Eastern Distributor and Anzac parade	Southbound
The Eastern Distributor on ramp*6	between Anzac parade and the Eastern Distributor	Northbound

Notes:

- *1 Cleveland St and Lang Rd will remain open up to 7am for east/west traffic flow.
- *2 Access to Driver Ave from Lang Rd will reopen at 9:30am
- *3 Access to Entertainment Quarter is via Moore Park Rd and Cook Rd
- *4 Sydney Football Stadium car park access is via traffic control at Moore Park Rd and Oatley Rd
- *5 Robertson Rd at Lang Rd will be a managed crossing point during the event and will be fully closed between 8:30am and 10am while the bulk of runners cross.
- *6 The Eastern Distributor off ramp to Moore Park Rd will remain open at all times

Western Distributor**4am to 1:30pm**

Western Distributor	Bathurst St off ramp to King St off ramp	Northbound
Western Distributor	Fig St on ramp	Eastbound
Western Distributor	Harbour St off ramp to Harris St	Westbound
Western Distributor	Pymont St on ramp	Southbound

Pymont / Ultimo**4am to 1:30pm**

Allen St*1	between Harris St and Pymont St	Both directions
Pymont St*2	between Pymont Bridge Rd and Quarry St	Both directions
Quarry St	between Harris St and Pymont St	Both directions

Notes:

- *1 Local access to Gipps St, Experiment St, the Harris St car park and the Pymont St resident underground car parks will be via traffic control on Harris St at Allen St. Access is for vehicles southbound on Harris St making a left hand turn into Allen St only.
- *2 Local access to Pymont St south of Quarry St will be via traffic control at Harris St and Quarry St. Access is for vehicles southbound on Harris St making a left turn into Quarry St only.

CYCLEWAY CLOSURES

Cycleways will be progressively re-opened by RMS and Police after cleaning.

Sydney CBD**4am to 12 Midday**

College St	between Prince Albert Rd and William St	Both directions
College St	between William St and Oxford St	Both directions
King St	between Sussex St and Kent St	Both directions

3.2.2 Special Event Clearways**Kirribilli, Lavender Bay, Milsons Point, North Sydney****1am to 10am**

Alfred St South	between Olympic Drive and Lavender St	Both sides
Broughton St	between Fitzroy St and Olympic Drive	Southbound
Broughton St	between Olympic Drive and Burton St	Northbound
Burton St	between Alfred St South and Car park end	Both sides
Ennis Rd	between Broughton St and pedestrian crossing (approx 40m)	Both sides
Fitzroy St	between Alfred St South and Broughton St	Both sides
Lavender St	between Arthur St and Alfred St South	Both directions
Middlemiss St	between Walker St and Lavender St	Both directions
Middlemiss Tunnel	between Middlemiss St and Pacific Hwy	Both directions
Olympic Drive	between Broughton St and Alfred St South	Both sides

Centennial Park / Darlinghurst / Dawes Point / Kensington / Millers Point / Moore Park / Paddington / The Rocks / Surry Hills / Sydney CBD**1am to 12 Midday**

Alfred St	between George St and Phillip St	Both sides
Argyle St	between George St and Circular Quay West	Both directions
Bathurst St	between Harbour St and Elizabeth St	Both sides
Bayswater Rd	between Kellet St and Ward Ave (STA Buses Excepted)	Northern Side
Bent St	between Bligh St and Macquarie St	Both sides
Bligh St	between Bent St and Hunter St (TAXI ZONE)	Eastern side
Bridge St	between Loftus St and Macquarie St.	Both sides
Castlereagh St	between Bathurst St and Liverpool St	Both sides
Castlereagh St	between Hunter St and King St	Both sides
Caslereagh St	between King St and Bathurst St	Eastern side
Circular Quay West	in front of OPT	Both sides
Clarence St	between Druitt St and King St	Both sides
Clarence St	between Erskine St and Margaret St	eastern side
College St	between Prince Albert Rd and William St	Both sides
Conservatorium Rd	between Cahill Expressway and Macquarie St	Both sides
Craigend St	between Nimrod St and Victoria St (STA Buses	Northern Side

	Excepted)	
Darlinghurst Rd	between 70m south of Burton St and Burton St (at the bend in the road opposite start of Green park)	Western side
Druitt St	between George St and Kent St	Both sides
Elizabeth St	between Hunter St and Goulburn St	Both sides
Goulburn St	between Harbour St and Elizabeth St	Both sides
Harbour St	between Goulburn St and Bathurst St	Both sides
Hunter St	between Bligh St and Macquarie St	Both sides
Kent St	between Druitt St and Market St	Western Side
King St	between Elizabeth St and Philip St	Both sides
Liverpool St	between Elizabeth St and Pitt St	Both sides
Liverpool St	between Sussex St and Harbour St	Both sides
Loftus St	between Reiby Pl and Alfred St	Both sides
Macquarie St	between Sydney Opera House and St James Rd	Both sides
Market St	between Pitt St and Sussex St	Southern Side
Park St	between College St and George St	Southern side
Park St	between College St and Castlereagh St	Northern side
Phillip St	between Hunter St and King St	Both sides
Phillip St	between Alfred St and Hunter St	Both sides
Pitt St	between Bridge St and Spring St (STA excepted)	Eastern side
Pitt St	between Bridge St and Curtin Pl (STA excepted)	Western side
Prince Albert Rd	between Macquarie St and Hospital Rd	Both sides
Shakespeare Pl	between Macquarie St and Hospital Rd	Both directions
Spring St	between Gresham St and Pitt St (STA excepted)	Westbound
St James Rd	between Elizabeth St and Macquarie St	Both sides
Wentworth Ave	between Goulburn St and Liverpool St	Northbound
William St	between Forbes St and College St	Westbound
York St	between Margaret St and Erskine St	Western Side
Young St	between Bridge St and Alfred St	Both sides

1am to 1:30pm

Erskine St	between Kent St and Sussex St	Westbound
George St	between Alfred St and Argyle St	Both sides
Hickson Rd	between Napoleon St and 30 metres south of Park Hyatt Hotel (also includes both sides of carpark between Pottinger St and Pier 1)	Both sides (including Both sides of medians)
Sussex St	between King St and Napoleon St	Both sides
Wheat Rd	between Harbour St entry and Shelley St	Northbound

4am to 12 Midday

Alison Rd	between Doncaster Ave and Anzac Parade	Northbound
Anzac Pde	between Moore Park Rd and Dacey Ave	Both sides
Art Gallery Rd	between Hospital Rd and Mrs Macquaries Rd	Both sides
College St	between William St and Oxford St	Both sides
Cleveland St	between Anzac Pde and City Rd	Both sides

Driver Ave	between Moore Park Rd and Lang Rd	Both sides
Fitzroy St	between Anzac Parade and Bourke St	Both sides
Flinders St	between Oxford St and Moore Park Rd	Both sides
Foveaux St	between Bourke St and Crown St	Both sides
Foveaux St	between Crown St and Elizabeth St	Southern Side
Hospital Rd	between Art Gallery Rd and Shakespeare Pl	Both sides
Lang Rd	between Anzac Parade and Driver Ave	Both sides
Mrs Macquarie Rd	between Art Gallery Rd and Mrs Macquarie Pt	Both sides
Oxford St	between College St and Flinders St	Both sides
Oxford St	between Flinders St and Greens Rd	Westbound

Pymont / Ultimo

1am to 1:30pm

Allen St	between Harris St and Pymont St	Both directions
Harris St	between Allen St and William Henry St	Southbound
Murray St	between Pymont St and car park entry at "gateway 3 & 4" sign (approx 100m in length)	Both sides
Pymont Bridge Rd	between Harris St and Union St	Both sides
Pymont St	between Pymont Br Rd and Quarry St	Both sides
Quarry St	between Harris St and Pymont St	Both sides
Wattle St	between Broadway and Pymont Br Rd	Western Side
William Henry St	between Wattle St and Harris St	Eastbound

Special Event Clearway definition

You must not stop or park on a length of road where a special event clearway sign applies. The drivers of public buses, taxis and hire cars are permitted to stop when dropping off or picking up passengers. If your vehicle is left on a clearway it will be towed away, usually to a nearby street and fines apply.

3.3 DETOUR INFORMATION

Pre event detour signs will be set up in the field a week prior and over 104 detour signs on barrier boards will be set up by 4am on the day of the event

Refer to event "Maps" tab within this document

3.6 OTHER RESOURCES

3.6.1 PERMANENT VMS LOCATIONS AND MESSAGES

Refer to VMS tab, TMC Emergency Operation section will be present in the JOC to oversee the permanent VMS message plan on the day

3.6.2 PORTABLE VMS LOCATIONS AND MESSAGES

Refer to VMS tab or the JOC for any information. The JOC assistant manager will access to Jamlogic "message changing" software and will manage portable VMS messages on the day.

3.6.3 TRAFFIC SIGNALS

All Traffic Signals within road closures will function as normal. The Police will contact the TMC either via phone or via the Police radio to request the lights to flash yellow if required. Refer to detour route map.

3.7 ADDITIONAL INFORMATION


- Due to the length of time for the road closures, there will be some disruptions over the whole network but planning will keep it to a minimal amount through the use of VMS and media.
- The ETag cameras will be turned off between 4:45am to 10:30am
- The Harbour tunnel approach from the north is expected to be busy from 9:30am
- **CLEANING** – The event organiser has a garbage truck that will follow the last event and remove rubbish from the start line and the SHB. It will then remove bags from drink station 1, 2a, 2b and then drink station 12. This truck will remain on site for redeployment if required. The remainder of the drink stations will be cleaned by crews on site and rubbish removed in their infrastructure vehicles. City of Sydney cleaning crews have not been engaged for this event.

4. ADMINISTRATION AND LOGISTICS

4.1 TRAFFIC MANAGEMENT PLANS

Julian Sanderson from ESPA has prepared the Traffic Management Plan (TMP). The traffic control plans form part of event orders.

4.1.2 ROAD OCCUPANCY LICENCE (ROL)

 <p>R T A Roads and Traffic Authority www.rta.nsw.gov.au</p>	<p>TRANSPORT MANAGEMENT CENTRE 25 Garden Street, EVELEIGH NSW 1430 Fax: 8396 1530</p>
	<p>Special Event Road Occupancy Licence NOTE: This Road Occupancy Licence has been emailed to the Proponent.</p>
<p>Subject Road: Specified CBD/ Inner Metro Local & State Rds/ SHB</p> <p>From: Multiple</p> <p>To: Multiple</p> <p>Reserved from: 16 Sep 2012</p> <p>Reserved to: 16 Sep 2012</p> <p>Event Name: Special Event</p> <p>This Activity: Progressive Road Closures from 04:00 North Sydney, Western Dist, Harbour Bridge, Cahill, CBD, RRG, Handwick, Centennial Park, Hickson Rd, Pyrmont, Progressive Reopening from 05:30-13:30 Road, Lane Closures, Special Event Clearways and closure of Sydney Harbour Bridge</p> <p>Closure Type: All lanes both directions</p> <p>Direction(s): All Directions</p> <p>Traffic Mgm't Plan: SPECIAL EVENT</p>	<p>TMC Number: 249152</p> <p>UBD Ref: 216 E16</p> <p>Suburb: SYDNEY CBD/ Inner Metro Region</p> <p>Council: Sydney</p> <p>Licence: Pont 3 Pty Ltd</p> <p>Contact Person: Wayne Larden</p> <p>Contact Phone: 0292820402</p> <p>Contact Fax: 0292820499</p> <p>On-Site Contact: Julian Sanderson</p> <p>On-Site Contact Ph: 0422301041</p>
<p>CONDITIONS OF ACKNOWLEDGEMENT Licence Activity Contact No: 1800 679 782</p> <p>Subject to these Restrictions:</p> <ol style="list-style-type: none"> LICENCEE MUST PERMIT EMERGENCY VEHICLES TO PASS THE EVENT AREA WITHOUT DELAY. SPECIAL EVENT CLEARWAYS OPERATE IN CONJUNCTION WITH THE CLOSURES OUTLINED IN THIS LICENCE. CONTACT MUST BE MADE WITH SYDNEY BUSES ON 18248 1300 PRIOR TO LANE CLOSURES BEING IMPLEMENTED. CLOSE CONTACT MUST BE MAINTAINED WITH TRANSPORT MANAGEMENT CENTRE ON 1800 679 782 1836 DURING THE WORKS. THIS LICENCE OPERATES IN CONJUNCTION WITH A SPEED LIMIT REDUCTION TO 40 KMH. REFER TO SZA TT/TMC 249152/249153 & 42467 <p>Approval Comments: This licence is issued conditional upon the licensee's on-site representative contacting the Transport Management Centre on the Licence Activity Number prior to closing lane(s) or adjusting lane configurations, and again upon re-opening at completion of the work. The safety of all road users and personnel on or affected by the site is the responsibility of the licensee.</p> <p>Please Note: This acknowledgement covers impacts on traffic only. It is not an approval of the proponent's Traffic Control Plan. Licensees must ensure implemented Traffic Control Plan complies with RTA Traffic Control at Worksites Manual and AS1742.3. Issues such as noise generation, or other environmental factors on site are the jurisdiction of the Local Council and the Environmental Protection Authority.</p> <p>If you require further information, contact 8396 1513 during office hours (8am-4pm, Mon-Fri). Date & Time Printed: 07-Sep-2012 10:53</p>	

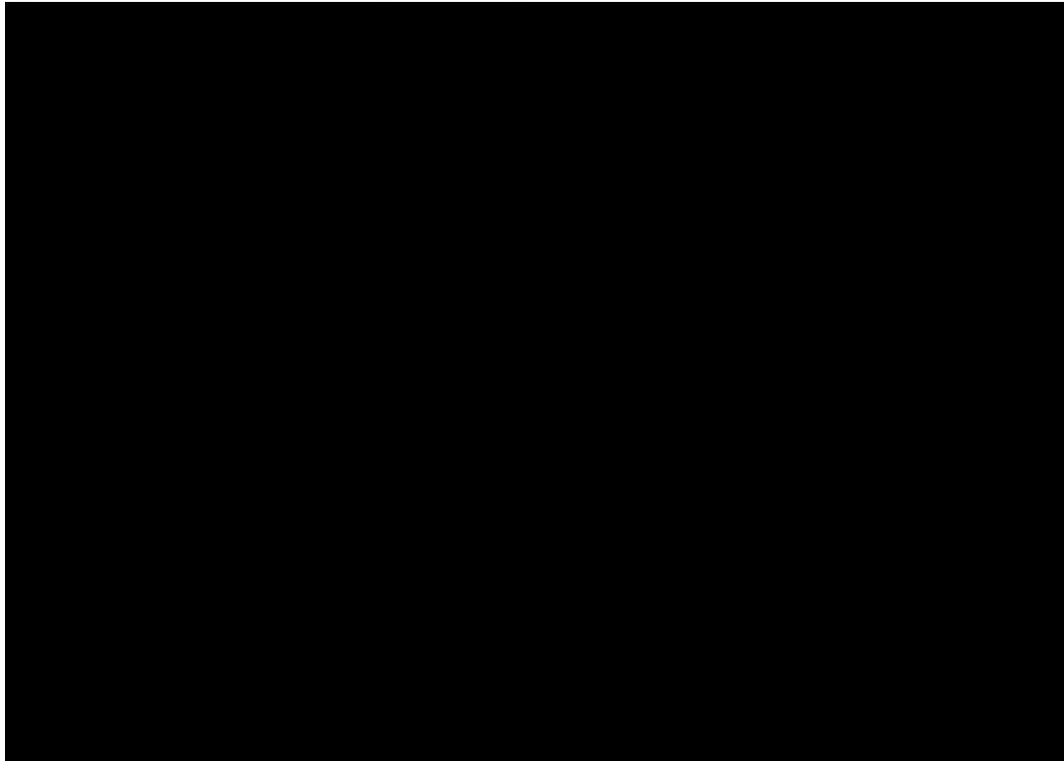
Acknowledged by Manager Transport Operations

Acknowledged Dates & Times:

Sun 16 Sep, 04:00 to 16 Sep, 13:30

D. Wainwright

4.2 CCTV LOGIN DETAILS

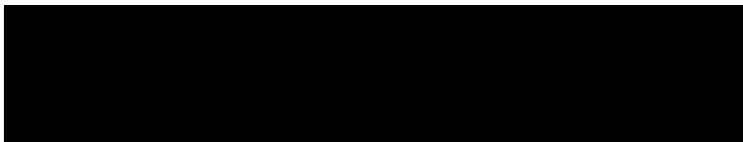


TRACKER LOG-IN DETAILS

(Please make sure java has been installed on your computer through Novell)

The trackers will be with the following vehicles:

- Lead vehicle for 1/2 Marathon *D. Steven Smith*
- Lead vehicle for the Marathon *K. Hayward*
- Lead vehicle for the Wheel Chairs, Marathon *P. Barker* *Yoni M. H*
- Rear Vehicle for Marathon
- Road Re-opening vehicle (TEP vehicle)



4.4 CONTACT DETAILS/ DUTIES

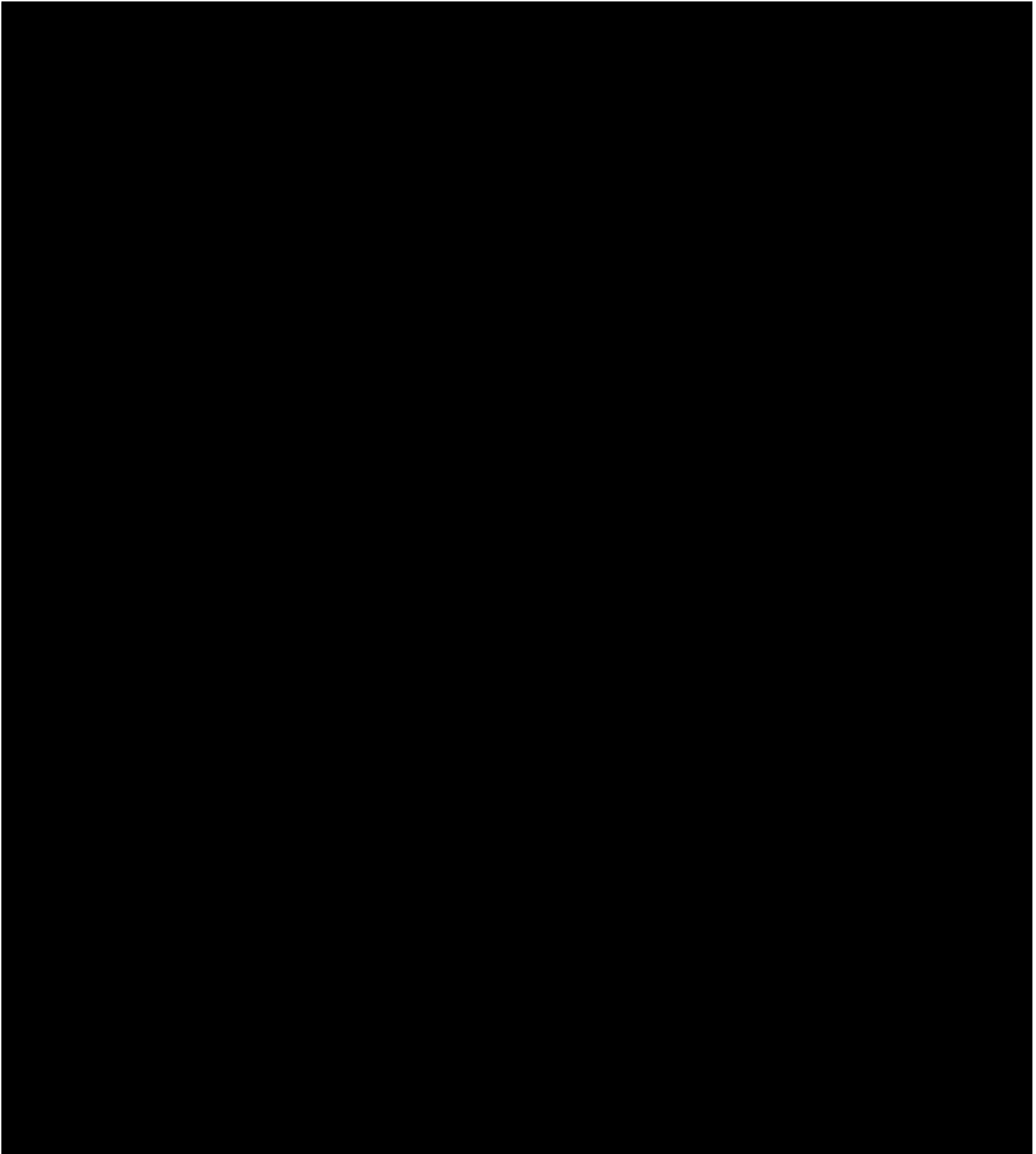
4.4.1 RADIO COMMUNICATIONS

Communication	Channel
Tow Trucks	
General Event Communications	
Maintenance Crew Channel	

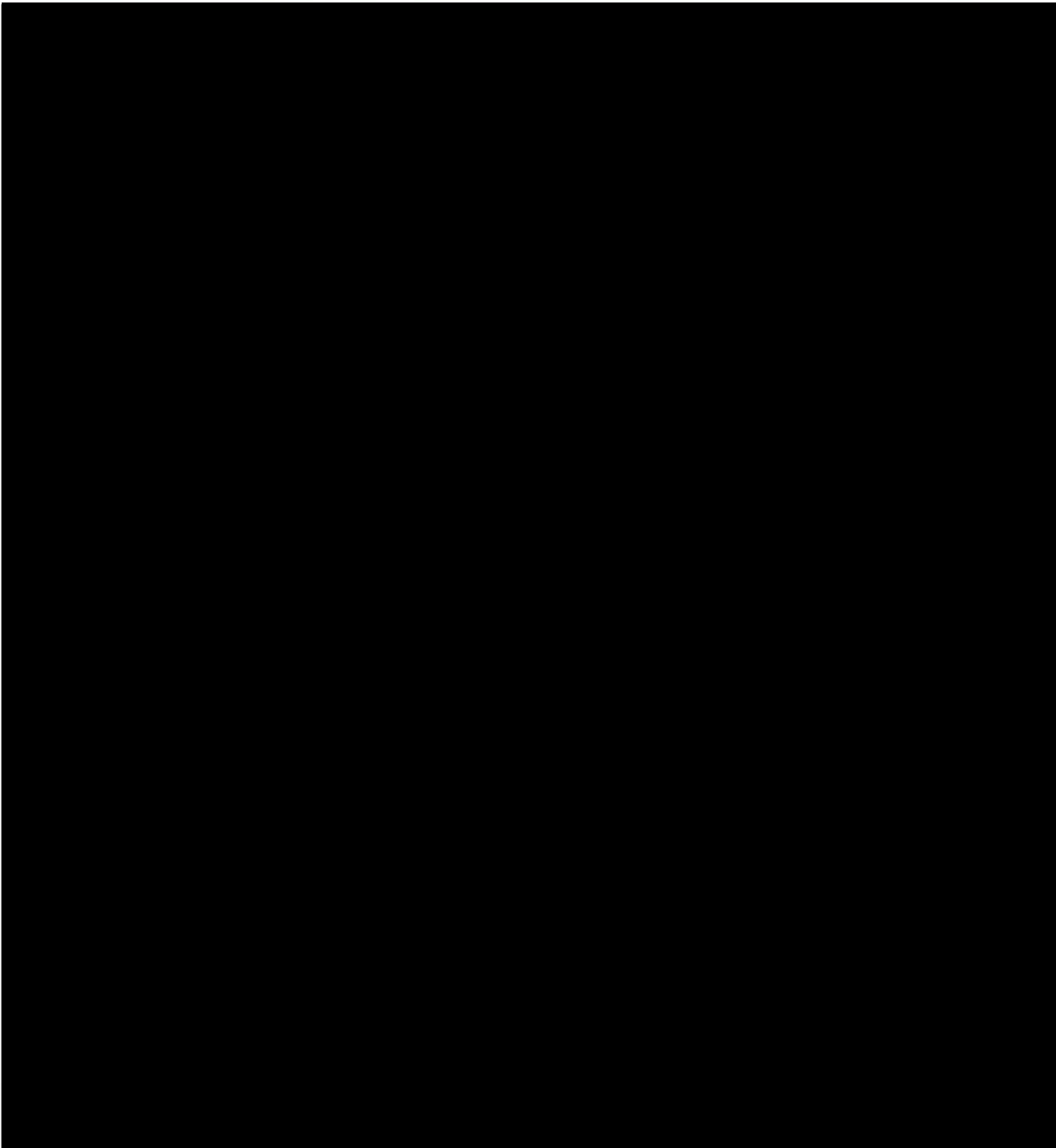
4.4.2 FIELD STAFF DUTIES

Refer to 'Run/task sheet' tab

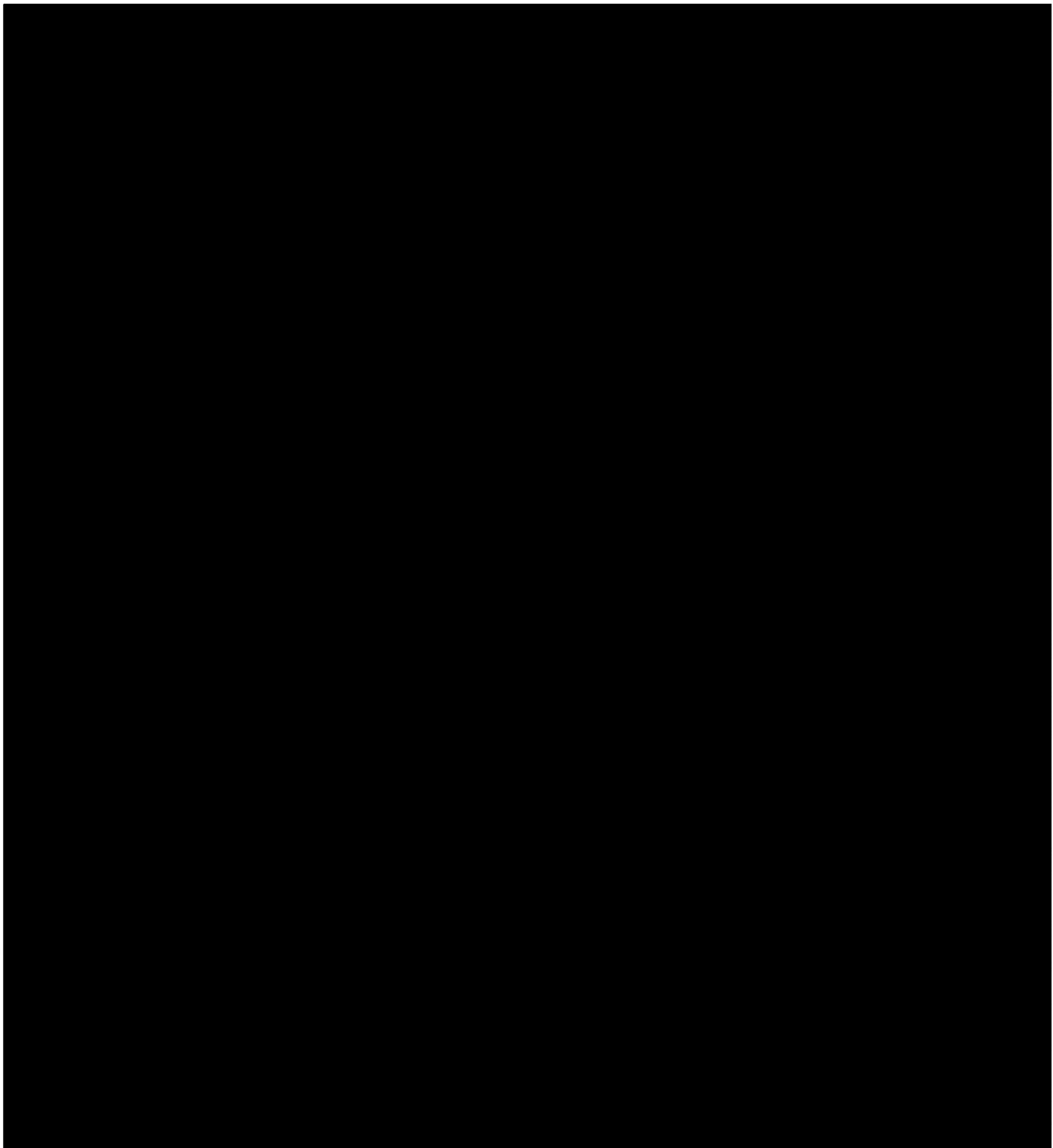
4.4.3 TOW TRUCKS



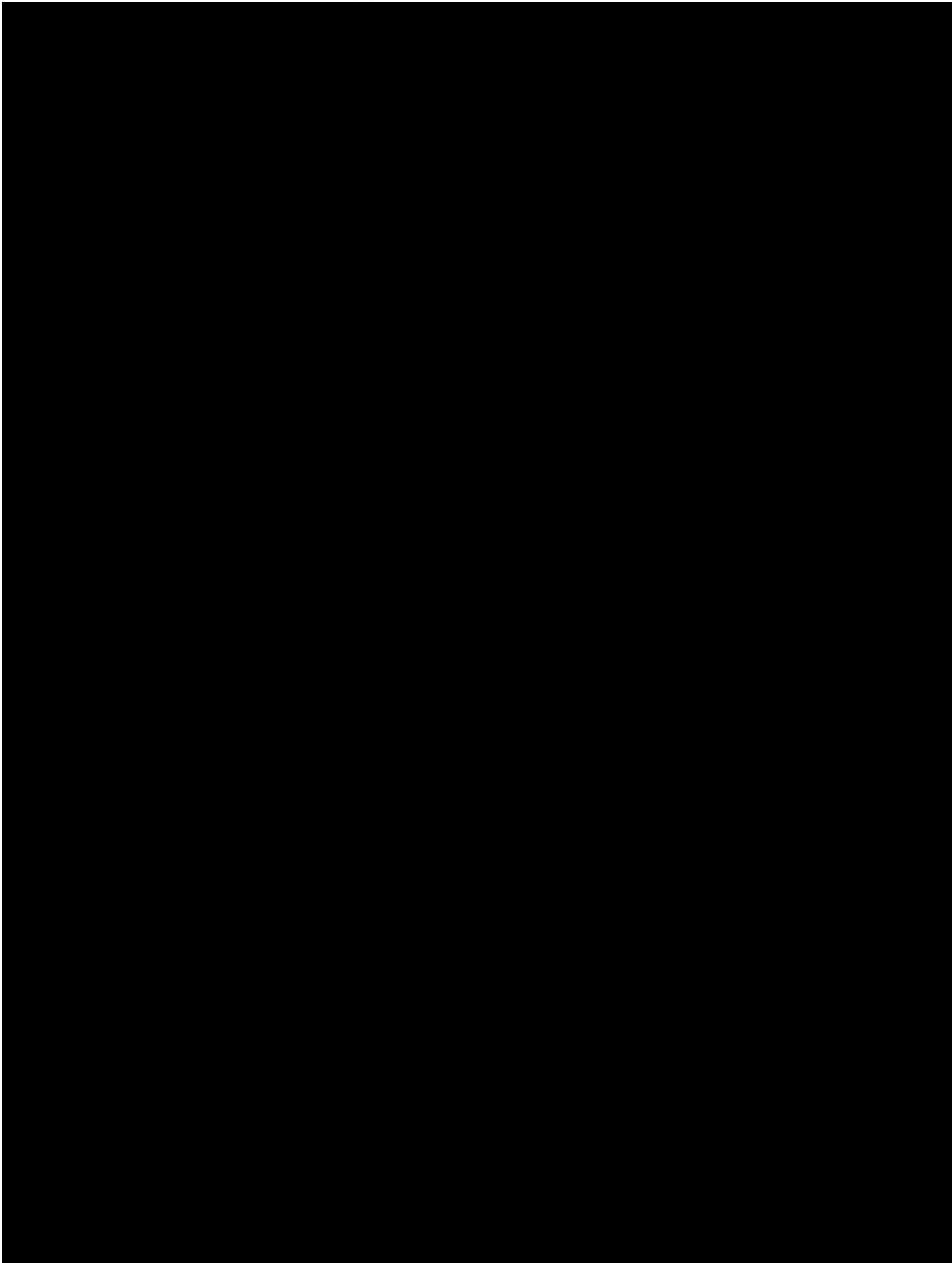
4.4.4 EXTERNAL STAKEHOLDERS



4.4.5 TMC STAFF IN THE OFFICE



4.4.6 TMC STAFF IN THE FIELD





SUMMARY ALL AREAS SUMMARY

START TIME (24hr)	TASK	STAFF 1	STAFF 2	ADDITIONAL STAFF	ALL	TCP	FIRST AREA
0100 hrs	Monitor clearway towing				YES		ALL AREAS
0400 hrs	Monitor Alfred St Closure at Lavender St			Oscar 1.4		6	Area 1
0400 hrs	Make sure traffic controllers are on site at Walker St and Middlemiss St			Oscar 1.4		7	Area 1
0400 hrs	Manage SHB closure with full lockdown by 0545 hrs.	India 4					Area 1
0400 hrs	Monitor the closure of Oxford St and Darlinghurst Rd			India 9		36	Area 6
0400 hrs	Monitor the road closure of South Dowling/Flinders St	RTA 2				40	Area 2
0400 hrs	Ensure SHB TCP 158 is implemented Pyrmont St and Pyrmont on ramp	India 15					Area 3
0400 hrs	Assist with Allen St Harris St closure	India 15				70	Area 3
0400 hrs	Ensure Quarry St and Harris St is implemented correctly and Traffic Controllers are onsite	India 15				71	Area 3
0400 hrs	Monitor the implementation of waterfilled barriers on Pyrmont St. Ensure space for lead vehicle to fit through.	India 15				72	Area 3
0400 hrs	Assist with Bridge St and Pitt St & Bridge St and Phillip St. Check if crossover works at the allocated times on the TCP	India 8				12, 62	Area 4
0400 hrs	Monitor Shakespeare Place / Macquarie St – Crossing Point	India 8				14	Area 4
0400 hrs	Ensure Prince Albert Rd and St Mary's Rd is implemented	India 8				20	Area 4
0400 hrs	Assist with William/College Park St	Oscar 1.5				24	Area 4
0400 hrs	Ensure Traffic Controllers are onsite at Francis and Yurong St	Oscar 1.5				26	Area 4
0400 hrs	Ensure Hickson Rd is closed	India 8				78, 79	Area 3
0400 hrs	Assist with implementing Sussex St	India 2	India 21			65	Area 5
0400 hrs	Ensure Bathurst St and Harbour TCP is implemented	India 2	India 21			67	Area 5
0400 hrs	Monitor the Hickson Rd closures & Check Pottinger St bollards have been removed	India 2	India 21			75, 76, 77	Area 5
0400 hrs	Monitor Start Line Road Closures in Alfred St Closures Olympic Drive to Cliff St (TCP 1,2,3,4,5)			Echo 2		1, 2, 3, 4, 5	Area 1
0400 hrs	Miller St on Ramp to SHB	India 4				SHB150	Area 1
0400 hrs	Warringah Fwy Lane 7 & 8 Closure at Alfred	India 4				SHB151	Area 1
0400 hrs	Warringah Fwy Slip Lane	India 4				SHB152	Area 1
0400 hrs	Arthur St & Mount St on ramp SHB	India 4				SHB153	Area 1
0400 hrs	High St SHB on ramp	India 4				SHB154	Area 1
0400 hrs	Clarence St - Kent St on ramp to SHB	India 4				SHB156	Area 1
0400 hrs	Western Distributor at Bathurst St Off Ramp.	India 4				SHB157	Area 1
0400 hrs	Pyrmont St on ramp to West Distributor	India 4				SHB158	Area 1
0400 hrs	Western Distributor off ramp to Harris St	India 4				SHB159	Area 1
0400 hrs	Fig Harris West Dist on ramp	India 4				SHB160	Area 1
0400 hrs	Cahill Expressway Exit ramp Northbound	India 4				SHB161	Area 1
0400 hrs	Cahill Exp. - Conservatorium Exit ramp Southbound	India 4				SHB162A	Area 1
0400 hrs	Falcon St onramp to Warringah freeway	India 4				SHB163	Area 1
0400 hrs	SHB onramp Grosvenor St, York St	India 4				SHB164	Area 1
0400 hrs	Ensure TCP 85 is in place			India 9		85	Area 6
0500 hrs	Monitor traffic in Lavender St drop off area Monitor traffic in Broughton St			RTA 14			Area 1
0500 hrs	Ensure VMS's are working with correct message and also correctly positioned.				YES		ALL AREAS
0500 hrs	Drive over course in your areas, check for any problems				YES		ALL AREAS
0515 hrs	Ensure all 4am closures have been implemented	India 4				1-8 & SHB	Area 1
0515 hrs	Ensure all 4am closures have been implemented	RTA 2				39-52	Area 2
0515 hrs	Ensure all 4am closures have been implemented			India 15		68-72	Area 3
0515 hrs	Ensure all 4am closures have been implemented	India 8				9-21 & 61-64	Area 4
0515 hrs	Ensure all 4am closures have been implemented	India 2				65-67 & 73-83	Area 5
0515 hrs	Ensure all 4am closures have been implemented	India 7				22-38 & 53-60	Area 6
0530 hrs	Measure road widths for TCP 80	India 8				80	Area 4
0530 hrs	Make sure SHB 158 is removed once Pyrmont St is fully closed to all traffic	India 15				158	Area 3
0530 hrs	Implement detour signage on Elizabeth St / Cleveland St			Sierra 7			Area 2
0530 hrs	Distribute trackers to nominated lead and rear vehicles. (Section 4.3 Ops Order)			Oscar 1.4			Area 1

0545 hrs	Check detour signage at Pitt St / Spring St	India 8					Area 4
0550 hrs	Meet pedestrian fencing truck on SHB & assist with TCP E170. Provide trackers at Burton St.	India 4				E170	Area 1
0600 hrs	Monitor Lavender St closure at Harbour View Cres (TCP 8)			RTA 14		8	Area 1
0600 hrs	Make sure closure is removed from Alfred St at Lavender St when SHB Closes & TCP 8 is implemented			Oscar 1.4			Area 1
0600 hrs	Ensure manual movement of Klemmfix Median between Lanes 6 and 7	India 4					Area 1
0600 hrs	Check detour signage and detour YMS are correctly positioned.				YES		ALL AREAS
0600 hrs	Ensure Eastern Distributor closures - southbound Anzac Pde exit Ramp & Northbound entry ramp at Drivers triangle. Instruct ED / confirm in place (STOC)	Oscar 8.1					Area 2
0600 hrs	Ensure Moore Park Rd and Oatley Rd is implemented (TCP 50)			Sierra 7		50	Area 2
0600 hrs	Maintenance crews implement eastern road closures – east/west on Cleveland St / Lang Rd to remain open until 7am	RTA 2		RTA 12			Area 2
0600 hrs	Ensure the TCP change of South Dowling/Flinders St (TCP 40A)	RTA 2				40B	Area 2
0600 hrs	Ensure Driver Ave at Lang Rd is implemented (TCP 46)			Sierra 7		46	Area 2
0600 hrs	St Marys Rd closed at Domain Carpark Entrance denying access to Hospital Rd, Sydney Hospital and Parliament House Carpark / Two way implemented Hospital Road	India 8					Area 4
0600 hrs	Cahill Exp. - Conservatorium Exit ramp Southbound	India 4				SHB162B	Area 1
0600 hrs	SHB Southern toll gates to Western Distributor	India 4				E170A	Area 1
0600 hrs	Western Distributor at Fig St/Pymont St ramp merge	India 4				E171	Area 1
0600 hrs	Western Distributor at King St off ramp	India 4				E172	Area 1
0600hrs	Barriers removed from Prince Albert Rd at College St, TCP 20A and relocated from across Art Gallery Rd to across Hospital Rd. TCP 21 Hospital Rd becomes 2way with access from Shakespeare place TCP 21A	India 8				20, 21	Area 4
0615 hrs	Monitor Shakespeare Place / Macquarie St – Crossing Point closes – U-turn implemented (TCP 14A) First runner due Macquarie St/ Shakespeare Place at 0635AM	Oscar 1.5				14B	Area 4
0620 hrs	Half Marathon Start				YES		ALL AREAS
0630 hrs	Ensure Erskine St at Kent St (TCP 66) is implemented prior to (TCP 65B)	India 2					Area 5
0630 hrs	Ensure Erskine St / Sussex St Crossing Point closes	India 2				65	Area 5
0630 hrs	Ensure barrier is removed from Cahill On ramp	India 8				162	Area 4
0630 hrs	Ensure all 6am closures have been implemented	RTA 2				39-52	Area 2
0640 hrs	Be aware of Clothing Truck movements via High St (controlled by event organiser traffic controllers)			Oscar 1.4			Area 1
0700 hrs	Implement TCP 84A	India 7					Area 6
0700 hrs	Ensure Cleveland St / Lang Rd east west corridor shut down (TCP 43, 44, 46 and 47)	RTA 2				43, 44, 46, 47	Area 2
0700 hrs	Monitor traffic in the Randwick/Kensington area.	RTA 2					Area 2
0700 hrs	Remove barriers from TCP 46A for runners to pass			Sierra 7		46A	Area 2
0710 hrs	Oversee closure of William St / Park St between Riley St and Elizabeth St	India 7	India 6			24, 25	Area 6
0725 hrs	Marathon Wheelchair Start				YES		ALL AREAS
0725 hrs	First Half Marathon Runner finishes at Sydney Opera House				YES		ALL AREAS
0725 hrs	Retrieve tracker and give to reopening vehicle Oscar 8.1	India 8					Area 4
0725 hrs	Ensure T/Cs at Francis and College are aware wheelies will be coming along College St between Oxford St and Park St	India 7	India 6				Area 6
0730 hrs	Marathon Start				YES		ALL AREAS
0730 hrs	Monitor traffic in William St	India 7	India 6				Area 6
0747 hrs	Assist with Park St/William St traffic hold temporarily at College St to allow crossing of elite Marathon Wheelchairs from College St north of Park St to College St south of Park St Ref TCP 24A	India 7	India 6				Area 6
0755 hrs	Family Run Start				YES		ALL AREAS
0755 hrs	Warringah Fwy & Lavender St off ramp	India 4				SHB155	Area 1
0757 hrs	To assist event marshals implement TCP E170B after the last marathon runner has passed south onto western distributor (first family fun runner expected at south pylon 08:05)	India 4				E170B	Area 1
0800 hrs	Monitor traffic flow Harris St / Pier St	India 15					Area 3
0807 hrs	First Family Fun Runner finishes at Conservatorium				YES		ALL AREAS
0837 hrs	Assist with Park St/William St traffic hold temporarily at College St to allow crossing of elite Marathon Wheelchairs from College St south of Park St to College St north of Park St	India 7	India 6				Area 6
0850 hrs	Assist event marshals implement E170B after last family fun runner passes block office	India 2					Area 1

0850 hrs	Oversee relocation of closure of Flinders St on the southern side of Oxford St					
0900 hrs	Bridge Run Start				YES	ALL AREAS
0900 hrs	Oversee reopening of Oxford St between Darlinghurst Rd and College St	India 7				Area 6
0900 hrs	Oversee E170C after last family fun runner has passed	India 4			E170C	Area 1
0907 hrs	First Marathon Wheelchair finishes at Sydney Opera House				YES	ALL AREAS
0925 hrs	Last Half Marathon Runner finishes at Sydney Opera House				YES	ALL AREAS
0926 hrs	First Bridge runner finishes at Conservatorium				YES	ALL AREAS
0930 hrs	Assist with TCP change of Driver Ave and Moore Park Rd (TCP 42B)			Sierra 7		42B Area 2
0930 hrs	Implement the closure of Lang Rd west of Driver Ave after the last marathon runner has passed, Approx. 9:30am (TCP 46B) Ensure this is in place before change of TCP 42A occurs	RTA 2				46B Area 2
0940 hrs	Oversee the reopening of Cleveland St / Lang Rd Crossover after last runner has passed.	RTA 2				45 Area 2
0935 hrs	SMcG & DB Monitor Alfred St reopening except Start area which is btw Paul St and Fitzroy St			Oscar 1.4		Area 1
0955hrs	Alfred St 5th closures removed at Milsons Point			RTA 1.4		Area 1
1000 hrs	Assist with Lavendar St and Middlemiss St reopening			Oscar 1.4		Area 1
1000 hrs	Klemmfix Median manually reinstated between Lanes 6 and 7 on Harbour Bridge after last Bridge run runner	India 4				Area 1
1000 hrs	pedestrian fencing between Ln 6 & Ln 7 median near gantry 1 & 2 removed after last bridge runner	India 4				Area 1
1005 hrs	Reinstate closure of Cahill Expressway closed at Ramp to Conservatorium Rd following last Bridge Runner (TCP 162B)	India 4				Area 1
1015 hrs	Monitor cones set up along Lane 1 southbound Macquarie St between SOH carpark exit and Shakespeare Pl by event organiser (TCP 10) to allow exit from SOH car park to Shakespeare Pl. May happen between 1015 and 1100.	India 8				Area 4
1025 hrs	The Cahill Expressway over Circular Quay reopens between The Domain Tunnel and Sydney Harbour Bridge	India 4				Area 1
1030 hrs	Manage reopening of SHB between Warringah Fwy and Bathurst St	India 4				Area 1
1030 hrs	Oversee reopening of closure at Bridge St / Macquarie St and reopening of College St at Park St	India 8				Area 4
1030 hrs	Change Wheat Rd setup from TCP 83A to TCP 83B (2 way on Wheat Rd)					
1030 hrs	Cahill Exp. - Conservatorium Exit ramp Southbound. Before SHB reopens	India 4				SHB162C Area 1
1059 hrs	Last Bridge Runner finish at Conservatorium				YES	ALL AREAS
1100 hrs	Implement TCP 84B	India 7				Area 6
1100 hrs	SMcG & DB Manage all road opening in Milsons Point			Oscar 1.4		Area 1
1100 hrs	Monitor Hospital Rd change to 1 way traffic (TCP 21B), to do this you must implement TCP 20B St Marys Rd and Prince Albert St and remove TCP 23 at St Marys Rd and Cathedral St	Oscar 1.5				Area 4
1100 hrs	Sydney Harbour Bridge fully open to traffic				YES	ALL AREAS
1122 hrs	Last Marathon Runner Passes Moore Park Rd on Anzac Parade (prepare to reopen south of this point)	RTA 2				Area 2
1125 hrs	Relocate road closure across Flinders St at Moore Park Rd	RTA 2				Area 2
1130 hrs	Ensure the TCP change of South Dowling/Flinders St (TCP 40B)	RTA 2				Area 2
1130 hrs	reopen all roads south of Moore Park Rd (Flinders St between Moore Park rd and South Dowling St remains closed, Moore park Rd and SouthDowling St reopen)	RTA 2		Sierra 7		Area 2
1200 hrs	All CBD BLUE roads reopened (Hickson Rd and Sussex St remain closed)				YES	ALL AREAS
1200 hrs	Remove TCP 84B	India 7				Area 6
1200 hrs	Assist with the Hickson Rd and Towns Place TCP change (TCP 75A)	India 2				Area 5
1201 hrs	After last marathon runner passes Towns Place southbound push all northbound runners onto eastern side of Hickson Rd	India 2				Area 5
1202 hrs	Start to implement Hickson Rd 2 way from Towns Place to Pier 1 (TCP75A, TCP 76A and TCP 77)	India 2				Area 5
1221 hrs	Release water from waterfilled barrier along Harris Rd (after last runner is in Quarry St)			India 15		Area 3
1230 hrs	Last runner on Pyrmont St on ramp Western Distributor city bound			India 15		Area 3
1230 hrs	Oversee reopening of roads in Pyrmont			India 15		Area 3
1240 hrs	Setup east west crossover point at Erskine St after last marathon runner passes on Sussex St northbound, remove TCP 83B (Wheat Rd 2 way)	India 2				Area 5
1245 hrs	Reopen all roads up to Erskine St (Keep Sussex St north of Erskine St closed)	India 2				Area 5
1310 hrs	Last Marathon Runner finishes at Sydney Opera House, All roads open				YES	ALL AREAS

Field Staff Duties

Sydney Running Festival 2012

AREA 1	North Sydney & SHB		
	Name	Time start	Time Finish
FIELD MANAGER:	Brendan Mc Nally (India 4)	1am	2pm
FIELD STAFF:	David Beattie (Oscar 1.4)	3.30am	1.30pm
FIELD STAFF:	Frank Eccles (Echo 2)	3.30am	11.30am
TEP's:	Oscar 4.1	3.30am	1.30pm
COMMANDER:	Steve Mc Grath (RTA 14)	4am	1.30pm

START TIME	TASK	STAFF 1	STAFF 2	STAFF 4	ALL	TCP	FIRST AREA
0100 hrs	Monitor clearway towing				YES		ALL AREAS
0400 hrs	Monitor Alfred St Closure at Lavender St			Oscar 1.4		6	Area 1
0400 hrs	Make sure traffic controllers are on site at Walker St and Middlemiss St			Oscar 1.4		7	Area 1
0400 hrs	Manage SHB closure with full lockdown by 0545 hrs.	India 4					Area 1
0400 hrs	Monitor Start Line Road Closures in Alfred St Closures Olympic Drive to Cliff St (TCP 1,2,3,4,5)			Echo 2		1, 2, 3, 4, 5	Area 1
0400 hrs	Miller St on Ramp to SHB	India 4				SHB150	Area 1
0400 hrs	Warringah Fwy Lane 7 & 8 Closure at Alfred	India 4				SHB151	Area 1
0400 hrs	Warringah Fwy Slip Lane	India 4				SHB152	Area 1
0400 hrs	Arthur St & Mount St on ramp SHB	India 4				SHB153	Area 1
0400 hrs	High St SHB on ramp	India 4				SHB154	Area 1
0400 hrs	Clarence St - Kent St on ramp to SHB	India 4				SHB156	Area 1
0400 hrs	Western Distributor at Bathurst St Off Ramp.	India 4				SHB157	Area 1
0400 hrs	Pymont St on ramp to West Distributor	India 4				SHB158	Area 1
0400 hrs	Western Distributor off ramp to Harris St	India 4				SHB159	Area 1
0400 hrs	Fig Harris West Dist on ramp	India 4				SHB160	Area 1
0400 hrs	Cahill Expressway Exit ramp Northbound	India 4				SHB161	Area 1
0400 hrs	Cahill Exp. - Conservatorium Exit ramp Southbound	India 4				SHB162A	Area 1
0400 hrs	Falcon St onramp to Warringah freeway	India 4				SHB163	Area 1
0400 hrs	SHB onramp Grosvenor St, York St	India 4				SHB164	Area 1
0500 hrs	Monitor traffic in Lavender St drop off area Monitor traffic in Broughton St			RTA 14			Area 1
0500 hrs	Ensure VMS's are working with correct message and also correctly positioned.				YES		ALL AREAS
0500 hrs	Drive over course in your areas, check for any problems				YES		ALL AREAS
0515 hrs	Ensure all 4am closures have been implemented	India 4				1-3 & SHB	Area 1
0530 hrs	Distribute trackers to nominated lead and rear vehicles. (Section 4.3 Ops Order)			Oscar 1.4			Area 1
0550 hrs	Meet pedestrian fencing truck on SHB & assist with TCP E170. Provide trackers at Burton St.	India 4				E170	Area 1
0600 hrs	Monitor Lavender St closure at Harbour View Cres (TCP 8)			RTA 14		8	Area 1
0600 hrs	Make sure closure is removed from Alfred St at Lavender St when SHB Closes & TCP 8 is implemented			Oscar 1.4			Area 1
0600 hrs	Ensure manual movement of Klemmfix Median between Lanes 6 and 7	India 4					Area 1
0600 hrs	Check detour signage and detour VMS are correctly positioned.				YES		ALL AREAS
0600 hrs	Cahill Exp. - Conservatorium Exit ramp Southbound	India 4				SHB162B	Area 1
0600 hrs	SHB Southern toll gates to Western Distributor	India 4				E170A	Area 1
0600 hrs	Western Distributor at Fig St/Pymont St ramp merge	India 4				E171	Area 1
0600 hrs	Western Distributor at King St off ramp	India 4				E172	Area 1
0620 hrs	Half Marathon Start				YES		ALL AREAS
	Be aware of Clothing Truck movements via High St (controlled by event organiser traffic controllers)			Oscar 1.4			Area 1
0640 hrs	Marathon Wheelchair Start				YES		ALL AREAS
0725 hrs	First Half Marathon Runner finishes at Sydney Opera House				YES		ALL AREAS
0730 hrs	Marathon Start				YES		ALL AREAS
0755 hrs	Family Run Start				YES		ALL AREAS
0755 hrs	Warringah Fwy & Lavender St off ramp	India 4				SHB155	Area 1
0757 hrs	To assist event marshals implement TCP E170B after the last marathon runner has passed south onto western distributor (first family fun runner expected at south pylon 08:05)	India 4				E170B	Area 1
0807 hrs	First Family Fun Runner finishes at Conservatorium				YES		ALL AREAS
0850 hrs	Assist event marshals implement E170B after last family fun runner passes block office	India 2					Area 1
0900 hrs	Bridge Run Start				YES		ALL AREAS
0900 hrs	Oversee E170C after last family fun runner has passed	India 4				E170C	Area 1
0907 hrs	First Marathon Wheelchair finishes at Sydney Opera House				YES		ALL AREAS
0925 hrs	Last Half Marathon Runner finishes at Sydney Opera House				YES		ALL AREAS
0926 hrs	First Bridge runner finishes at Conservatorium				YES		ALL AREAS
0935 hrs	SMCG & DB Monitor Alfred St reopening except start area which is Drw Paul St and Fitzroy St			Oscar 1.4			Area 1
0955hrs	Alfred St Sth closures removed at Milsons Point			RTA 14			Area 1
1000 hrs	Assist with Lavendar St and Middlemiss St reopening			Oscar 1.4			Area 1
1000 hrs	Klemmfix Median manually reinstated between Lanes 6 and 7 on Harbour Bridge after last Bridge run runner	India 4					Area 1
1000 hrs	pedestrian fencing between Ln 6 & Ln 7 median near gantry 1 & 2 removed after last bridge runner	India 4					Area 1
1005 hrs	Reinstate closure of Cahill Expressway closed at Ramp to Conservatorium Rd following last Bridge Runner (TCP 162B)	India 4					Area 1
1025 hrs	The Cahill Expressway over Circular Quay reopens between The Domain Tunnel and Sydney Harbour Bridge	India 4					Area 1
1030 hrs	Manage reopening of SHB between Warringah Fwy and Bathurst St	India 4					Area 1
1030 hrs	Cahill Exp. - Conservatorium Exit ramp Southbound. Before SHB reopens	India 4				SHB162C	Area 1
1059 hrs	Last Bridge Runner finish at Conservatorium				YES		ALL AREAS
1100 hrs	SMCG & DB Manage all road opening in Milsons Point			Oscar 1.4			Area 1
1100 hrs	Sydney Harbour Bridge fully open to traffic				YES		ALL AREAS
1200 hrs	All CBD BLUE roads reopened (Hickson Rd and Sussex St remain closed)				YES		ALL AREAS
1310 hrs	Last Marathon Runner finishes at Sydney Opera House, All roads open				YES		ALL AREAS

Field Staff Duties

Sydney Running Festival 2012

AREA 2	South		
	Name	Time start	Time Finish
FIELD MANAGER:	Dean Rapp (RTA 2)	4am	1.30pm
FIELD STAFF:	Thomas Anders (Sierra 7)	4am	1.30pm
TEP's:	Oscar 8.1	3.30am	1.30pm
COMMANDER:	Peter Linnane (RTA 12)	4am	1.30pm

START TIME	TASK	STAFF 1	STAFF 2	STAFF 4	ALL	TCP	FIRST AREA
0100 hrs	Monitor clearway towing				YES		ALL AREAS
0400 hrs	Monitor the road closure of South Dowling/Flinders St	RTA 2				40	Area 2
0500 hrs	Ensure VMS's are working with correct message and also correctly positioned.				YES		ALL AREAS
0500 hrs	Drive over course in your areas, check for any problems				YES		ALL AREAS
0515 hrs	Ensure all 4am closures have been implemented	RTA 2				39-52	Area 2
0530 hrs	Implement detour signage on Elizabeth St / Cleveland St			Sierra 7			Area 2
0600 hrs	Check detour signage and detour VMS are correctly positioned.				YES		ALL AREAS
0600 hrs	Ensure Eastern Distributor closures - southbound Anzac Pde exit Ramp & Northbound entry ramp at Drivers triangle. Instruct ED / confirm in place (STOC)	Oscar 8.1					Area 2
0600 hrs	Ensure Moore Park Rd and Oatley Rd is implemented (TCP 50)			Sierra 7		50	Area 2
0600 hrs	Maintenance crews implement eastern road closures - east/west on Cleveland St / Lang Rd to remain open until 7am	RTA 2		RTA 12			Area 2
0600 hrs	Ensure the TCP change of South Dowling/Flinders St (TCP 40A)	RTA 2				40B	Area 2
0600 hrs	Ensure Driver Ave at Lang Rd is implemented (TCP 46)			Sierra 7		46	Area 2
0620 hrs	Half Marathon Start				YES		ALL AREAS
0630 hrs	Ensure all 6am closures have been implemented	RTA 2				39-52	Area 2
0700 hrs	Ensure Cleveland St / Lang Rd east west corridor shut down (TCP 43, 44, 46 and 47)	RTA 2				43, 44, 46, 47	Area 2
0700 hrs	Monitor traffic in the Randwick/Kensington area	RTA 2					Area 2
0700 hrs	Remove barriers from TCP 46A for runners to pass			Sierra 7		46A	Area 2
0725 hrs	Marathon Wheelchair Start				YES		ALL AREAS
0725 hrs	First Half Marathon Runner finishes at Sydney Opera House				YES		ALL AREAS
0730 hrs	Marathon Start				YES		ALL AREAS
0755 hrs	Family Run Start				YES		ALL AREAS
0807 hrs	First Family Fun Runner finishes at Conservatorium				YES		ALL AREAS
0900 hrs	Bridge Run Start				YES		ALL AREAS
0907 hrs	First Marathon Wheelchair finishes at Sydney Opera House				YES		ALL AREAS
0925 hrs	Last Half Marathon Runner finishes at Sydney Opera House				YES		ALL AREAS
0928 hrs	First Bridge runner finishes at Conservatorium				YES		ALL AREAS
0930 hrs	Assist with TCP change of Driver Ave and Moore Park Rd (TCP 42B)			Sierra 7		42B	Area 2
0930 hrs	Implement the closure of Lang Rd west of Driver Ave after the last marathon runner has passed. Approx. 9:30am (TCP 46B) Ensure this is in place before change of TCP 42A occurs	RTA 2				46B	Area 2
0940 hrs	Oversee the reopening of Cleveland St / Lang Rd Crossover after last runner has passed.	RTA 2				45	Area 2
1059 hrs	Last Bridge Runner finish at Conservatorium				YES		ALL AREAS
1100 hrs	Sydney Harbour Bridge fully open to traffic				YES		ALL AREAS
1122 hrs	Last Marathon Runner Passes Moore Park Rd on Anzac Parade (prepare to reopen south of this point)	RTA 2					Area 2
1125 hrs	Relocate road closure across Flinders St at Moore Park Rd	RTA 2					Area 2
1130 hrs	Ensure the TCP change of South Dowling/Flinders St (TCP 40B)	RTA 2					Area 2
1130 hrs	reopen all roads south of Moore Park Rd (Flinders St between Moore Park rd and South Dowling St remains closed, Moore park Rd and SouthDowling St reopen)	RTA 2		Sierra 7			Area 2
1200 hrs	All CBD BLUE roads reopened (Hickson Rd and Sussex St remain closed)				YES		ALL AREAS
1310 hrs	Last Marathon Runner finishes at Sydney Opera House, All roads open				YES		ALL AREAS

Field Staff Duties

Sydney Running Festival 2012

AREA 3	Pymont		
	Name	Time start	Time Finish
FIELD MANAGER:	Barry Hobson (India 15)	1am	1.30pm

START TIME	TASK	STAFF 1	STAFF 2	STAFF 4	ALL	TCP	FIRST AREA
0100 hrs	Monitor clearway towing				YES		ALL AREAS
0400 hrs	Ensure SHB TCP 158 is implemented Pymont St and Pymont on ramp	India 15					Area 3
0400 hrs	Assist with Allen St Harris St closure	India 15				(70)	Area 3
0400 hrs	Ensure Quarry St and Harris St is implemented correctly and Traffic Controllers are onsite	India 15				(71)	Area 3
0400 hrs	Monitor the implementation of waterfilled barriers on Pymont St. Ensure space for lead vehicle to fit through.	India 15				(72)	Area 3
0400 hrs	Ensure Hickson Rd is closed	India 8				78, 79	Area 3
0500 hrs	Ensure VMS's are working with correct message and also correctly positioned.				YES		ALL AREAS
0500 hrs	Drive over course in your areas, check for any problems				YES		ALL AREAS
0515 hrs	Ensure all 4am closures have been implemented			India 15		(68-72)	Area 3
0530 hrs	Make sure SHB 158 is removed once Pymont St is fully closed to all traffic	India 15				(158)	Area 3
0600 hrs	Check detour signage and detour VMS are correctly positioned.				YES		ALL AREAS
0620 hrs	Half Marathon Start				YES		ALL AREAS
0725 hrs	Marathon Wheelchair Start				YES		ALL AREAS
0725 hrs	First Half Marathon Runner finishes at Sydney Opera House				YES		ALL AREAS
0730 hrs	Marathon Start				YES		ALL AREAS
0755 hrs	Family Run Start				YES		ALL AREAS
0800 hrs	Monitor traffic flow Harris St / Pier St	India 15					Area 3
0807 hrs	First Family Fun Runner finishes at Conservatorium				YES		ALL AREAS
0900 hrs	Bridge Run Start				YES		ALL AREAS
0907 hrs	First Marathon Wheelchair finishes at Sydney Opera House				YES		ALL AREAS
0925 hrs	Last Half Marathon Runner finishes at Sydney Opera House				YES		ALL AREAS
0926 hrs	First Bridge runner finishes at Conservatorium				YES		ALL AREAS
1059 hrs	Last Bridge Runner finish at Conservatorium				YES		ALL AREAS
1100 hrs	Sydney Harbour Bridge fully open to traffic				YES		ALL AREAS
1200 hrs	All CBD BLUE roads reopened (Hickson Rd and Sussex St remain closed)				YES		ALL AREAS
1221 hrs	Release water from waterfilled barrier along Harris Rd (after last runner is in Quarry St)			India 15			Area 3
1230 hrs	Last runner on Pymont St on ramp Western Distributor city bound			India 15			Area 3
1230 hrs	Oversee reopening of roads in Pymont			India 15			Area 3
1310 hrs	Last Marathon Runner finishes at Sydney Opera House, All roads open				YES		ALL AREAS

Field Staff Duties

Sydney Running Festival 2012

AREA 4	CBD		
	Name	Time start	Time Finish
FIELD MANAGER:	ShaunPaul Power (India 8)	1am	2pm
FIELD STAFF:	Arthur Kontalis (Oscar 1.5)	3.30am	1.30pm

START TIME	TASK	STAFF 1	STAFF 2	ALL	TCP	FIRST AREA
0100 hrs	Monitor clearway towing			YES		ALL AREAS
0400 hrs	Assist with Bridge St and Pitt St & Bridge St and Phillip St. Check if crossover works at the allocated times on the TCP	India 8			12, 62	Area 4
0400 hrs	Monitor Shakespeare Place / Macquarie St – Crossing Point	India 8			14	Area 4
0400 hrs	Ensure Prince Albert Rd and St Mary's Rd is implemented	India 8			20	Area 4
0400 hrs	Assist with William/College Park St	Oscar 1.5			24	Area 4
0400 hrs	Ensure Traffic Controllers are onsite at Francis and Yurong St	Oscar 1.5			26	Area 4
0500 hrs	Ensure VMS's are working with correct message and also correctly positioned.			YES		ALL AREAS
0500 hrs	Drive over course in your areas, check for any problems			YES		ALL AREAS
0515 hrs	Ensure all 4am closures have been implemented	India 8			9-21 & 61-64	Area 4
0530 hrs	Measure road widths for TCP 80	India 8			80	Area 4
0545 hrs	Check detour signage at Pitt St / Spring St	India 8				Area 4
0600 hrs	Check detour signage and detour VMS are correctly positioned.			YES		ALL AREAS
0600 hrs	St Marys Rd closed at Domain Carpark Entrance denying access to Hospital Rd, Sydney Hospital and Parliament House Carpark / Two way implemented Hospital Road	India 8				Area 4
0600hrs	Barriers removed from Prince Albert Rd at College St, TCP 20A and relocated from across Art Gallery Rd to across Hospital Rd. TCP 21 Hospital Rd becomes 2way with access from Shakespeare place TCP 21A	India 8			20, 21	Area 4
0615 hrs	Monitor Shakespeare Place / Macquarie St – Crossing Point closes – U-turn implemented (TCP 14A) First runner due Macquarie St/ Shakespeare Place at 0635AM	Oscar 1.5			14B	Area 4
0620 hrs	Half Marathon Start			YES		ALL AREAS
0630 hrs	Ensure barrier is removed from Cahill On ramp	India 8			162	Area 4
0725 hrs	Marathon Wheelchair Start			YES		ALL AREAS
0725 hrs	First Half Marathon Runner finishes at Sydney Opera House			YES		ALL AREAS
0725 hrs	Retrieve tracker and give to reopening vehicle Oscar 8.1	India 8				Area 4
0730 hrs	Marathon Start			YES		ALL AREAS
0755 hrs	Family Run Start			YES		ALL AREAS
0807 hrs	First Family Fun Runner finishes at Conservatorium			YES		ALL AREAS
0900 hrs	Bridge Run Start			YES		ALL AREAS
0907 hrs	First Marathon Wheelchair finishes at Sydney Opera House			YES		ALL AREAS
0925 hrs	Last Half Marathon Runner finishes at Sydney Opera House			YES		ALL AREAS
0926 hrs	First Bridge runner finishes at Conservatorium			YES		ALL AREAS
1015 hrs	Monitor cones set up along Lane 1 southbound Macquarie St between SOH carpark exit and Shakespeare Pl by event organiser (TCP 10) to allow exit from SOH car park to Shakespeare Pl. May happen between 1015 and 1100.	India 8				Area 4
1030 hrs	Oversee reopening of closure at Bridge St / Macquarie St and reopening of College St at Park St	India 8				Area 4
1059 hrs	Last Bridge Runner finish at Conservatorium			YES		ALL AREAS
1100 hrs	Monitor Hospital Rd change to 1 way traffic (TCP 21B), to do this you must implement TCP 20B St Marys Rd and Prince Albert St and remove TCP 23 at St Marys Rd and Cathedral St	Oscar 1.5				Area 4
1100 hrs	Sydney Harbour Bridge fully open to traffic			YES		ALL AREAS
1200 hrs	All CBD BLUE roads reopened (Hickson Rd and Sussex St remain closed)			YES		ALL AREAS
1310 hrs	Last Marathon Runner finishes at Sydney Opera House, All roads open			YES		ALL AREAS

Field Staff Duties

Sydney Running Festival 2012

AREA 5	CBD West		
	Name	Time start	Time Finish
FIELD MANAGER:	Peter Stankovic (India 2)	3.30am	2pm
FIELD STAFF:	Tatjana Vranjes Jakovljevic (India 21)	3.30am	1.30pm

START TIME	TASK	STAFF 1	STAFF 2	ALL	TCP	FIRST AREA
0100 hrs	Monitor clearway towing			YES		ALL AREAS
0400 hrs	Assist with implementing Sussex St	India 2	India 21		65	Area 5
0400 hrs	Ensure Bathurst St and Harbour TCP is implemented	India 2	India 21		67	Area 5
0400 hrs	Monitor the Hickson Rd closures & Check Pottinger St bollards have been removed	India 2	India 21		75, 76, 77	Area 5
0500 hrs	Ensure VMS's are working with correct message and also correctly positioned.			YES		ALL AREAS
0500 hrs	Drive over course in your areas, check for any problems			YES		ALL AREAS
0515 hrs	Ensure all 4am closures have been implemented	India 2			65-67 & 73-83	Area 5
0600 hrs	Check detour signage and detour VMS are correctly positioned.			YES		ALL AREAS
0620 hrs	Half Marathon Start			YES		ALL AREAS
0630 hrs	Ensure Erskine St at Kent St (TCP 66) is implemented prior to (TCP 65B)	India 2				Area 5
0630 hrs	Ensure Erskine St / Sussex St Crossing Point closes	India 2			65	Area 5
0725 hrs	Marathon Wheelchair Start			YES		ALL AREAS
0725 hrs	First Half Marathon Runner finishes at Sydney Opera House			YES		ALL AREAS
0730 hrs	Marathon Start			YES		ALL AREAS
0755 hrs	Family Run Start			YES		ALL AREAS
0807 hrs	First Family Fun Runner finishes at Conservatorium			YES		ALL AREAS
0900 hrs	Bridge Run Start			YES		ALL AREAS
0907 hrs	First Marathon Wheelchair finishes at Sydney Opera House			YES		ALL AREAS
0925 hrs	Last Half Marathon Runner finishes at Sydney Opera House			YES		ALL AREAS
0926 hrs	First Bridge runner finishes at Conservatorium			YES		ALL AREAS
1059 hrs	Last Bridge Runner finish at Conservatorium			YES		ALL AREAS
1100 hrs	Sydney Harbour Bridge fully open to traffic			YES		ALL AREAS
1200 hrs	All CBD BLUE roads reopened (Hickson Rd and Sussex St remain closed)			YES		ALL AREAS
1200 hrs	Assist with the Hickson Rd and Towns Place TCP change (TCP 75A)	India 2				Area 5
1201 hrs	After last marathon runner passes Towns Place southbound push all northbound runners onto eastern side of Hickson Rd	India 2				Area 5
1202 hrs	Start to implement Hickson Rd 2 way from Towns Place to Pier 1 (TCP75A, TCP 76A and TCP 77)	India 2				Area 5
1240 hrs	Setup east west crossover point at Erskine St after last marathon runner passes' on Sussex St northbound, remove TCP 83B (Wheat Rd 2 way)	India 2				Area 5
1245 hrs	Reopen all roads up to Erskine St (Keep Sussex St north of Erskine St closed)	India 2				Area 5
1310 hrs	Last Marathon Runner finishes at Sydney Opera House, All roads open			YES		ALL AREAS

Field Staff Duties

Sydney Running Festival 2012

AREA 6	CBD & East		
	Name	Time start	Time Finish
FIELD MANAGER:	Trevor Greaves (India 7)	1am	1.30pm
FIELD STAFF:	Karen Crawshaw (India 6)	3.30am	1.30pm
TEP's:	Ken Seeto (India 9)	3.30am	1.30pm

START TIME	TASK	STAFF 1	STAFF 2	STAFF 4	ALL	TCP	FIRST AREA
0100 hrs	Monitor clearway towing				YES		ALL AREAS
0400 hrs	Monitor the closure of Oxford St and Darlinghurst Rd			India 9		36	Area 6
0400 hrs	Ensure TCP 85 is in place			India 9		85	Area 6
0500 hrs	Ensure VMS's are working with correct message and also correctly positioned.				YES		ALL AREAS
0500 hrs	Drive over course in your areas, check for any problems				YES		ALL AREAS
0515 hrs	Ensure all 4am closures have been implemented	India 7				22-38 & 53-60	Area 6
0600 hrs	Check detour signage and detour VMS are correctly positioned.				YES		ALL AREAS
0620 hrs	Half Marathon Start				YES		ALL AREAS
0700 hrs	Implement TCP 84A	India 7					Area 6
0710 hrs	Oversee closure of William St / Park St between Riley St and Elizabeth St	India 7	India 6			24, 25	Area 6
0725 hrs	Marathon Wheelchair Start				YES		ALL AREAS
0725 hrs	First Half Marathon Runner finishes at Sydney Opera House				YES		ALL AREAS
0725 hrs	Ensure T/Cs at Francis and College are aware wheelies will be coming along College St between Oxford St and Park St	India 7	India 6				Area 6
0730 hrs	Marathon Start				YES		ALL AREAS
0730 hrs	Monitor traffic in William St	India 7	India 6				Area 6
0747 hrs	Assist with Park St/William St traffic hold temporarily at College St to allow crossing of elite Marathon Wheelchairs from College St north of Park St to College St south of Park St Ref TCP 24A	India 7	India 6				Area 6
0755 hrs	Family Run Start				YES		ALL AREAS
0807 hrs	First Family Fun Runner finishes at Conservatorium				YES		ALL AREAS
0837 hrs	Assist with Park St/William St traffic hold temporarily at College St to allow crossing of elite Marathon Wheelchairs from College St south of Park St to College St north of Park St	India 7	India 6				Area 6
0900 hrs	Bridge Run Start				YES		ALL AREAS
0900 hrs	Oversee reopening of Oxford St between Darlinghurst Rd and College St	India 7					Area 6
0907 hrs	First Marathon Wheelchair finishes at Sydney Opera House				YES		ALL AREAS
0925 hrs	Last Half Marathon Runner finishes at Sydney Opera House				YES		ALL AREAS
0926 hrs	First Bridge runner finishes at Conservatorium				YES		ALL AREAS
1059 hrs	Last Bridge Runner finish at Conservatorium				YES		ALL AREAS
1100 hrs	Implement TCP 84B	India 7					Area 6
1100 hrs	Sydney Harbour Bridge fully open to traffic				YES		ALL AREAS
1200 hrs	All CBD BLUE roads reopened (Hickson Rd and Sussex St remain closed)				YES		ALL AREAS
1200 hrs	Remove TCP 84B	India 7					Area 6
1310 hrs	Last Marathon Runner finishes at Sydney Opera House, All roads open				YES		ALL AREAS

Changed bus services for the Sydney Running Festival Sydney Buses

339 term at Bondi J.

Services to Wynyard, QVB & Railway Square via the Sydney Harbour Bridge will terminate and commence from North Sydney station. Staff will be available to assist customers.

m20 services to Gore Hill: Passengers for North Sydney can transfer at Crows Nest to route 273 services.

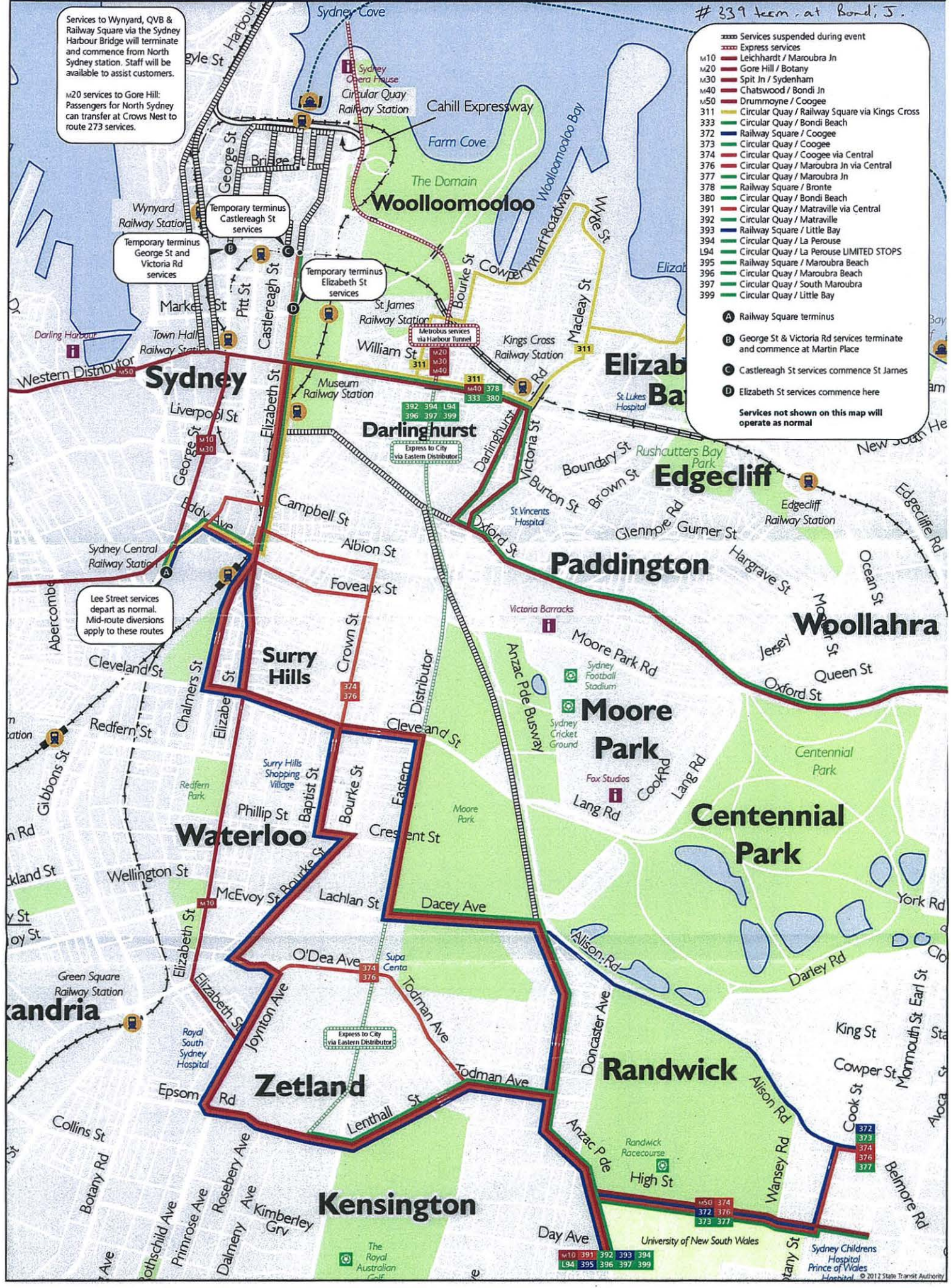
Wynyard Railway Station
Temporary terminus
George St and Victoria Rd services

Temporary terminus
Castlereagh St services

Temporary terminus
Elizabeth St services

Lee Street services depart as normal. Mid-route diversions apply to these routes

- Services suspended during event
 - Express services
 - m10 Leichhardt / Maroubra Jn
 - m20 Gore Hill / Botany
 - m30 Spit Jn / Sydenham
 - m40 Chatswood / Bondi Jn
 - m50 Drummoyne / Coogee
 - 311 Circular Quay / Railway Square via Kings Cross
 - 333 Circular Quay / Bondi Beach
 - 372 Railway Square / Coogee
 - 373 Circular Quay / Coogee
 - 374 Circular Quay / Coogee via Central
 - 376 Circular Quay / Maroubra Jn via Central
 - 377 Circular Quay / Maroubra Jn
 - 378 Railway Square / Bronte
 - 380 Circular Quay / Bondi Beach
 - 391 Circular Quay / Matraville via Central
 - 392 Circular Quay / Matraville
 - 393 Railway Square / Little Bay
 - 394 Circular Quay / La Perouse
 - L94 Circular Quay / La Perouse LIMITED STOPS
 - 395 Railway Square / Maroubra Beach
 - 396 Circular Quay / Maroubra Beach
 - 397 Circular Quay / South Maroubra
 - 399 Circular Quay / Little Bay
- A Railway Square terminus
 - B George St & Victoria Rd services terminate and commence at Martin Place
 - C Castlereagh St services commence St James
 - D Elizabeth St services commence here
- Services not shown on this map will operate as normal



Public Transport - Major Event Information

Event	Sydney Running Festival 2012
Date / Duration	Sunday 16 September 2012
Venue	All participants will start at Bradfield Park in Milsons Point (under the northern end of the bridge) and run across the Sydney Harbour Bridge and those in the Half Marathon will run Pyrmont and the full Marathon will run through Pyrmont and Moore Park. The Marathon and Half Marathon will both finish at the entrance to the Royal Botanical Gardens.
Special Information	<p>The cost of travel on CityRail, buses and Sydney Ferries is included in the event entry price. You just need to show your race bib when you get on board. Race volunteers are also entitled to free public transport travel and just need to show their official pass.</p> <p>Road closures are in place from 4am until 1.30pm and buses will be diverted throughout the duration of the race.</p> <p>Sydney Harbour Bridge is closed between 4am and 11am.</p> <p>For detailed information on road closures, special event clearways and altered traffic arrangements visit Live Traffic.</p>
CityRail services	<p>The closest CityRail stations for the start and finish points are:</p> <ul style="list-style-type: none"> • Start – Milsons Point Station • Finish – Circular Quay Station <p>CityRail is running services between Central and North Sydney stations, departing every 5-8 minutes from 5.15 am until 9am.</p> <p>Shuttle services, stopping all stations between Ashfield and Chatswood via Milsons Point will operate every 30 minutes between 5am and 9am.</p> <p>Other CityRail services are operating to normal weekend timetable.</p> <p>For timetable information visit www.cityrail.info/timetable/index.jsp</p> <p>Important trackwork information Upgrading work takes place on CityRail lines on a regular basis and it is sometimes necessary to alter train services or replace train services with buses. Buses are replacing trains on the following lines:</p> <p>North Shore Line: Buses replace trains between Berowra and Gordon.</p> <p>Northern Line: Buses replace trains between Hornsby and Strathfield via Eastwood.</p> <p>Newcastle & Central Coast Line: Buses replace trains between Newcastle and Central.</p> <p>Hunter Line: Buses replace trains between Scone and Newcastle and also between Dungog, Telarah and Newcastle.</p>

	<p>For trackwork information visit http://www.cityrail.info/service_updates/trackwork/</p> <p>Use the 131 500 Trip Planner to help plan your journey. It will give you up-to-date train and bus timetable information. Timetable information for buses replacing trains is available from Thursday 13 September.</p>
Metropolitan bus information Bus diversion maps follow	<p>Passengers alighting from buses in possession of valid bus tickets (on Sydney Buses and Hills Buses services), are permitted to travel on trains between 4am and 1.30pm, between the following stations in both directions</p> <ul style="list-style-type: none"> ▪ Nth Sydney - Central, including Milsons Point, Wynyard and Town Hall. ▪ Central - Circular Quay via Museum and St James. ▪ Central - Circular Quay via Town Hall and Wynyard. ▪ Central – Kings Cross <p>Passengers are advised to allow extra travel time for their journey.</p> <p>Sydney Buses Road closures are in place from approximately 4am until approximately 12pm and buses will be diverted throughout the duration of the race. Please check back here, closer to the event, for information on temporary bus terminals and diversions during this event.</p> <p>Hills Buses The Hillsbus city services will operate to and from North Sydney Station during the Sydney Harbour Bridge closure, 4am to 11:20am. Customers can travel between the City and the temporary North Sydney bus stop (Stand B) on the connecting CityRail services.</p>
Sydney Ferries	<p>Sydney Ferries is operating to a normal weekend timetable.</p> <p>If you are travelling to the city to view the race, save time and avoid the queues - buy a return ticket or take advantage of the Family Funday Sunday ticket if travelling as a family group.</p> <p>Sundays are one of our busiest times so please plan ahead, arrive early and allow extra time for travel in order to make the most of your day!</p>
Accessibility options	<p>You can find accessible transport options by using the Trip Planner and checking the Easy Access/wheelchair accessible option. This will ensure that only accessible train platforms, ferry wharves and buses are presented.</p> <p>CityRail Circular Quay, Wynyard, Town Hall, Central, Milsons Point and Circular Quay stations are all wheelchair accessible.</p> <p>Sydney Buses Nearly all of State Transit's services on the weekend are wheelchair accessible, so check the wheelchair trips on the timetable and trip planner website pages. Features of wheelchair access buses include wide doors, wide aisles and space for two mobility aides such as wheelchairs, some ride-on scooters and prams or strollers.</p> <p>Sydney Ferries The entire Sydney Ferries fleet is wheelchair accessible via the 20 wheelchair accessible ferry wharves (pending tidal and safety conditions)</p> <p>Liverpool Parramatta T-way Buses All T-way bus services are low floor wheelchair accessible.</p>

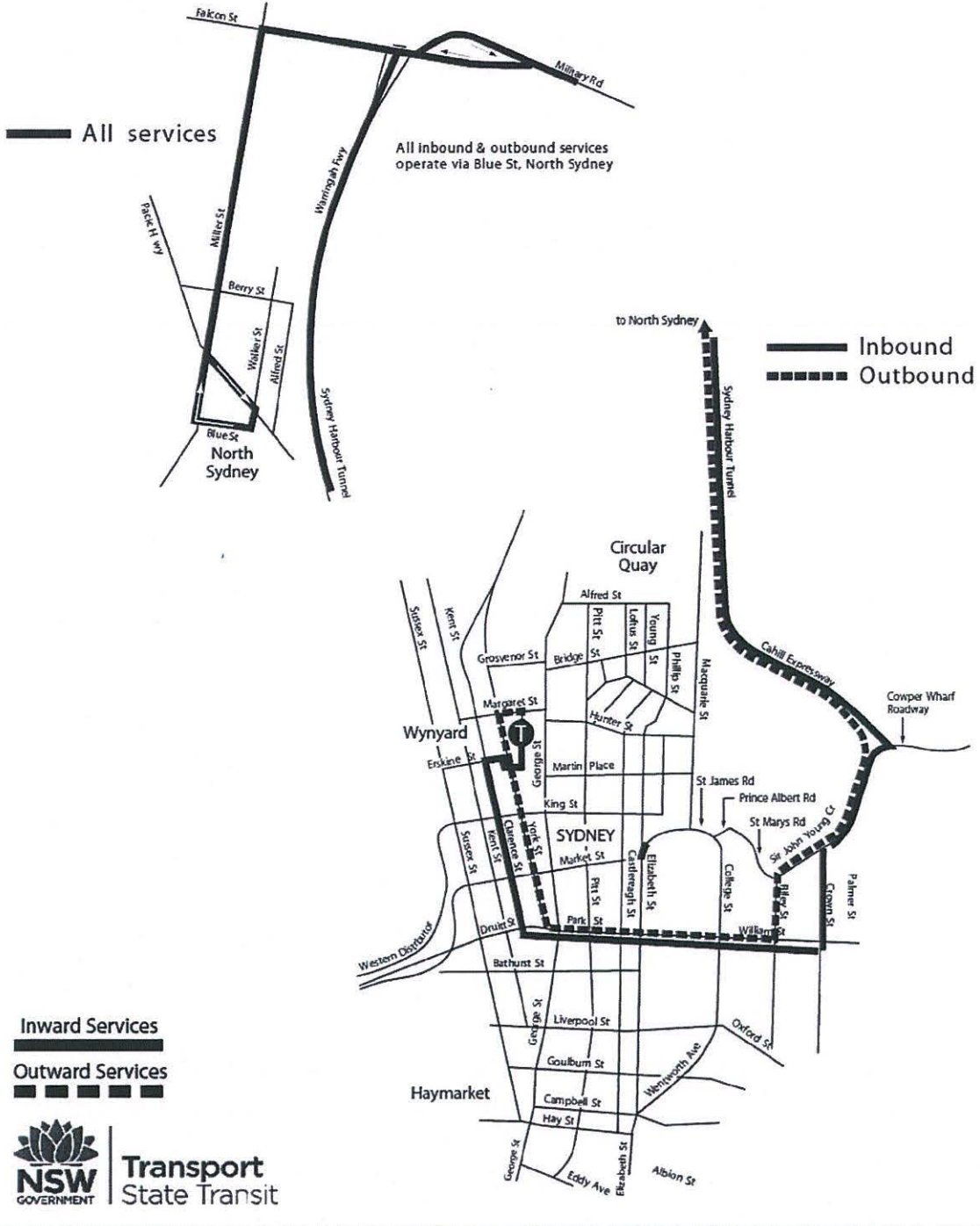


BUS ROUTE DIVERSIONS

EVENT: SYDNEY RUNNING FESTIVAL

This only applies to the following 2 runs (4 trips)

1. Run V003 (Rte 151) QVB arr 4.16am dep QVB 4.35am (Rte 188)
2. Run F003 (Rte 151) QVB arr 4.47am dep QVB 4.55am (Rte 151)





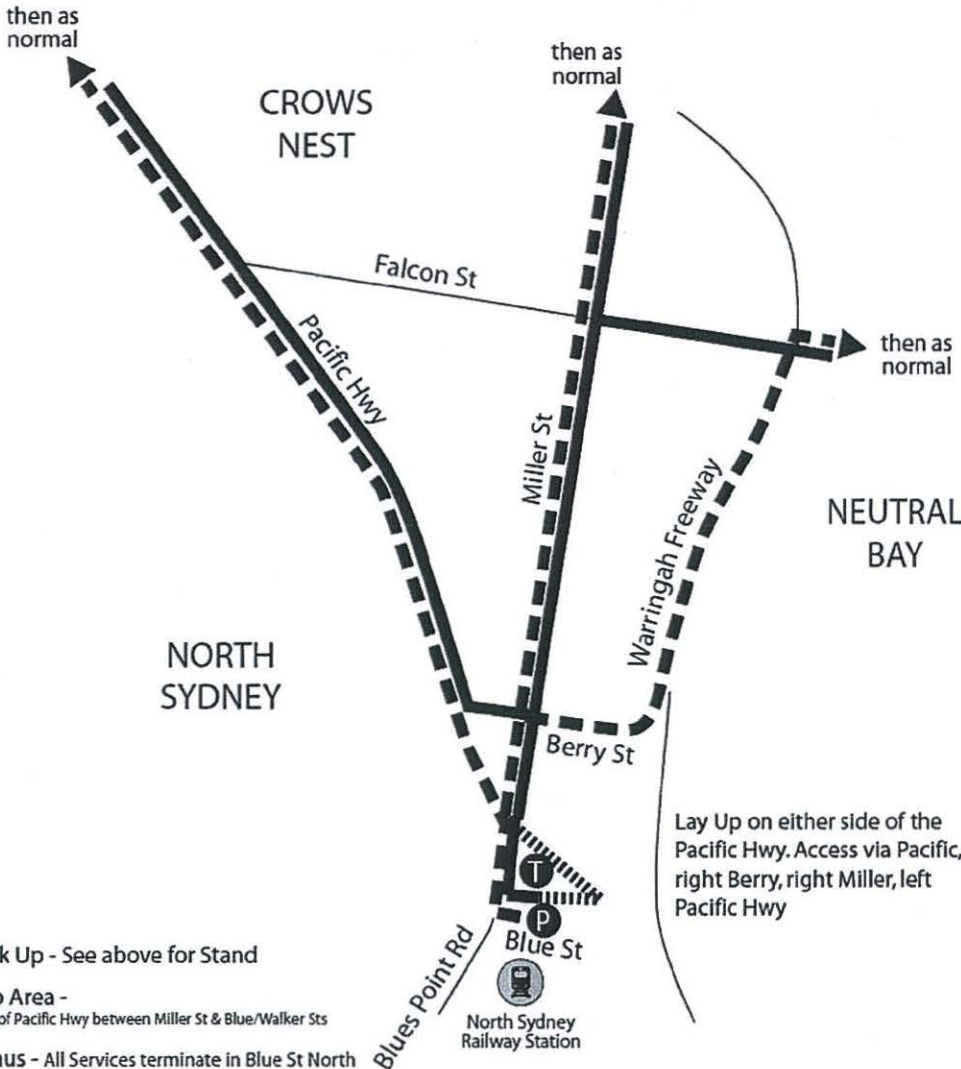
Bus Route Diversions

Event: SYDNEY RUNNING FESTIVAL



North

- Routes FROM 05:00 UNTIL 11:15
- Affected ALL BUSES ARE TO DISPLAY NORMAL CITY DESTINATION SIGNS
- 169 D
 - 180 D
 - 183 D
 - 184 D
 - L85 D
 - L90 D
 - 190 D
 - 202 C
 - 207 C
 - 208 C
 - 227 D
 - 230 D
 - 243 D
 - 244 D
 - 247 D
 - 254 B
 - 263 A #
 - 273 A
 - 288 B
 - 290 B
 - 292 B



- P** 1st Pick Up - See above for Stand
- L** Lay Up Area - Any Side of Pacific Hwy between Miller St & Blue/Walker Sts
- T** Terminus - All Services terminate in Blue St North

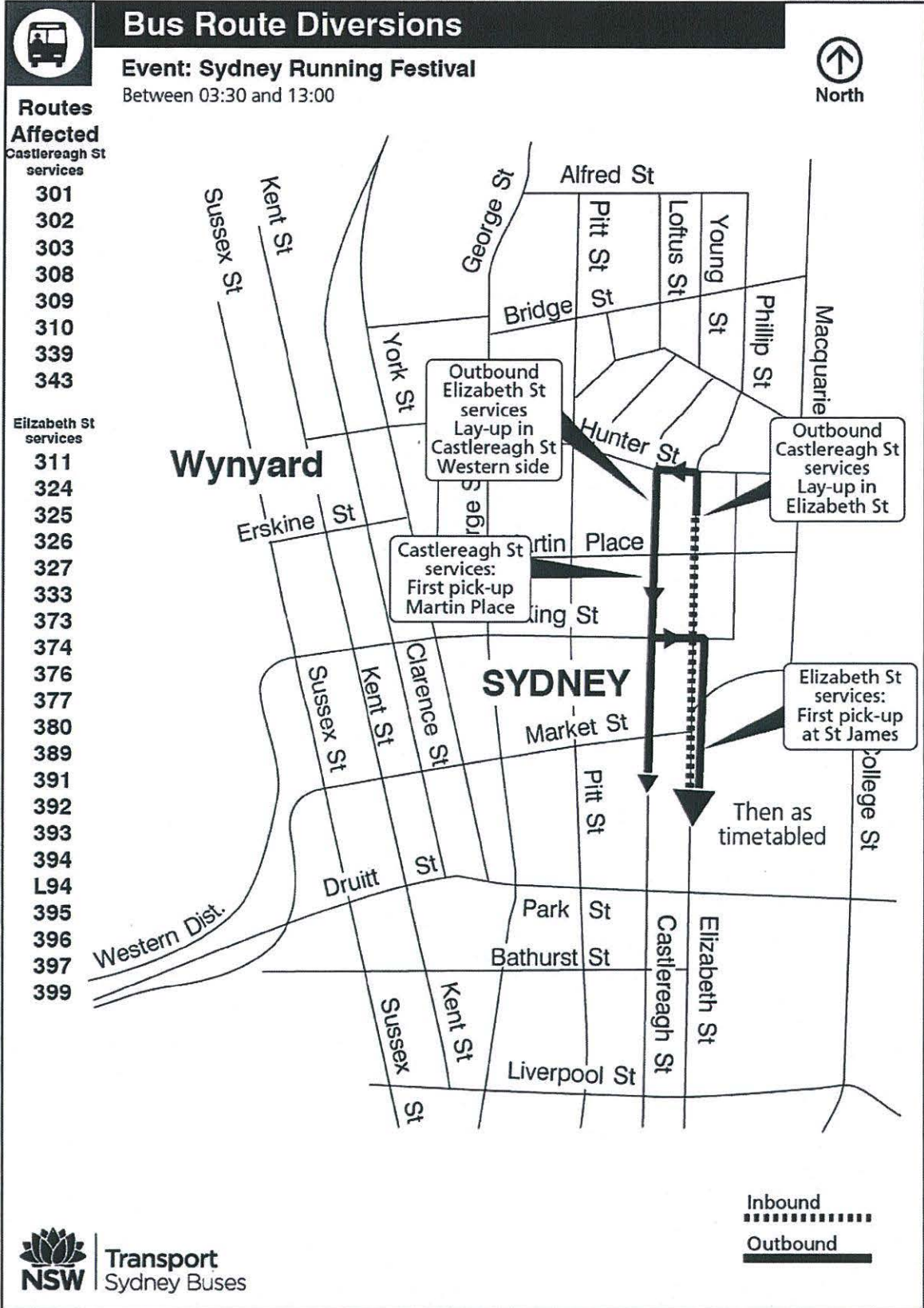
Inward Services

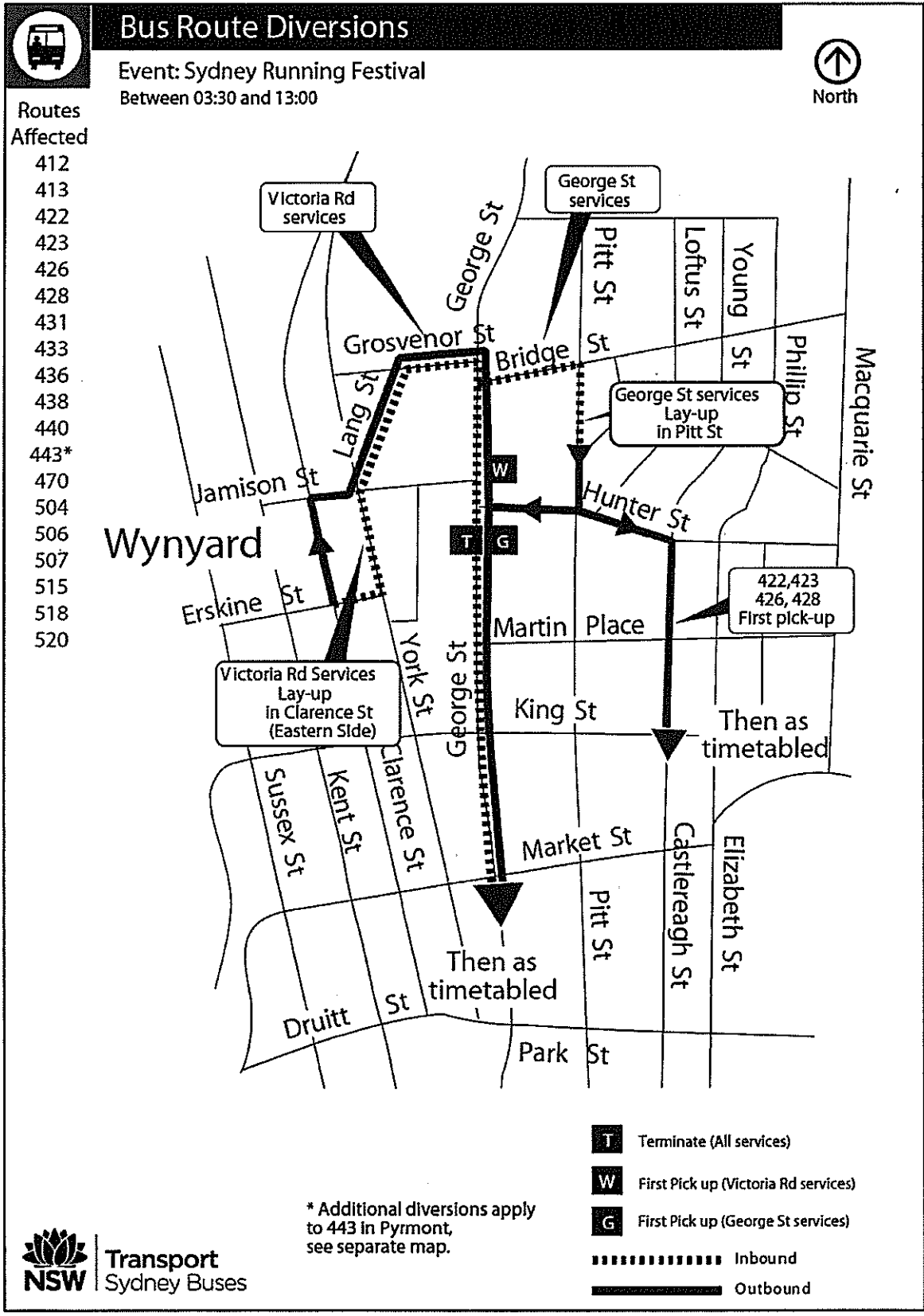
Outward Services

Special Running

#Note 253: As normal to High Street, Pacific Hwy, left Miller Street, left Blue Street and terminate at Bus Stop
 TERMINATE Northern Side of Blue Street; LAY UP Pacific Hwy (any side between Miller Street and Blue/Walker Streets)
 PICK UP Stand A, Southern Side OUTBOUND Blue, right Miller Street, right Pacific Hwy; then as normal









Bus Route Diversions

Event: Sydney Running Festival

Between 04:00 and 12:00



Routes Affected
311

Then as timetabled





Bus Route Diversions

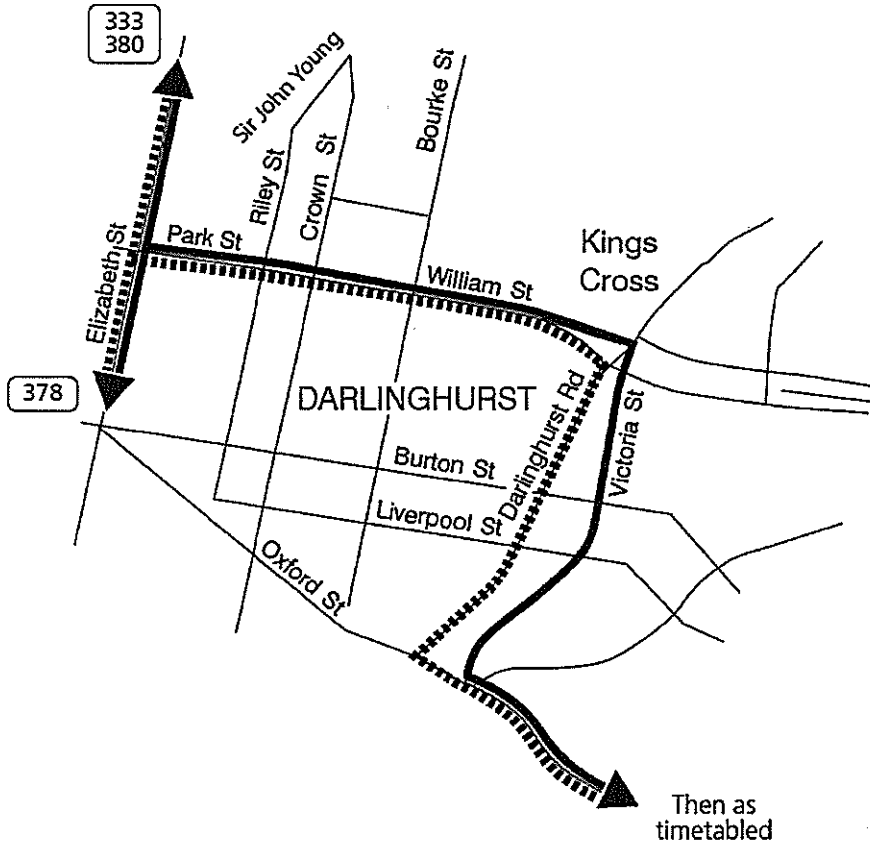
Event: Sydney Running Festival

Between 04:00 and 12:00



Routes
Affected

- 333
- 378
- 380



Inbound

Outbound



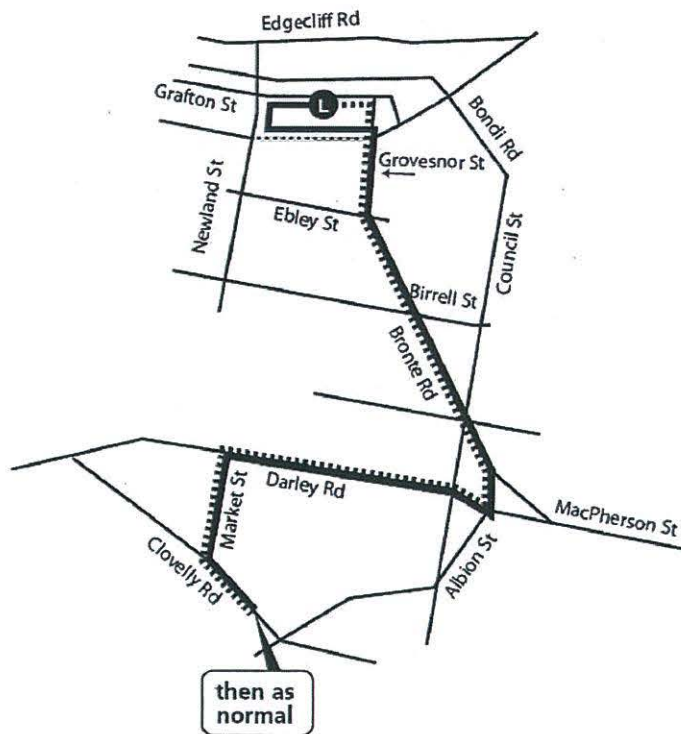
SPECIAL EVENT - DIVERSION INFORMATION

Event: Sydney Running Festival

Route 339 diversion as directed.

Routes

339



Legend:

L	Terminus
	339 to Bondi Jn (Stand L)
	339 to Clovelly





Bus Route Diversions

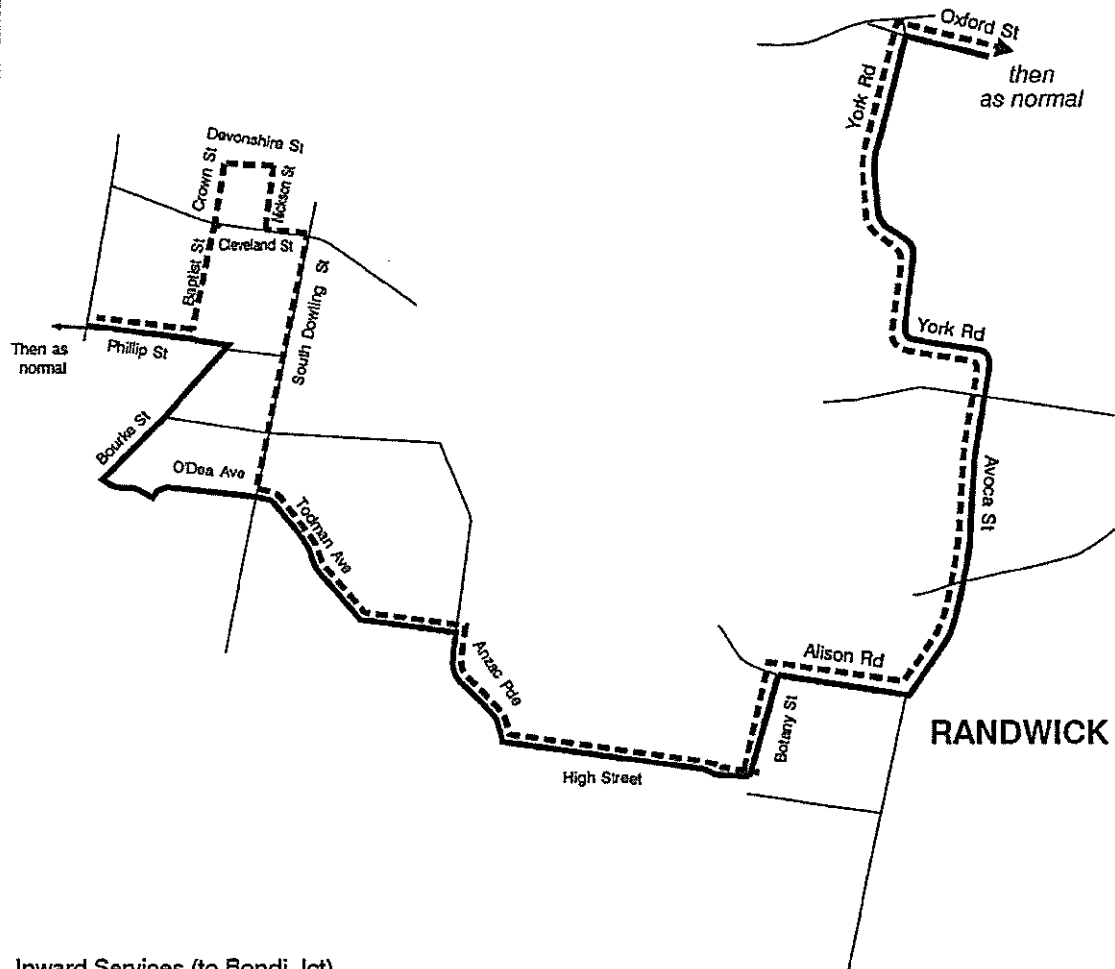
Event: Sydney Running Festival



North

Route Affected
355

From first service of the day until approx 11:00



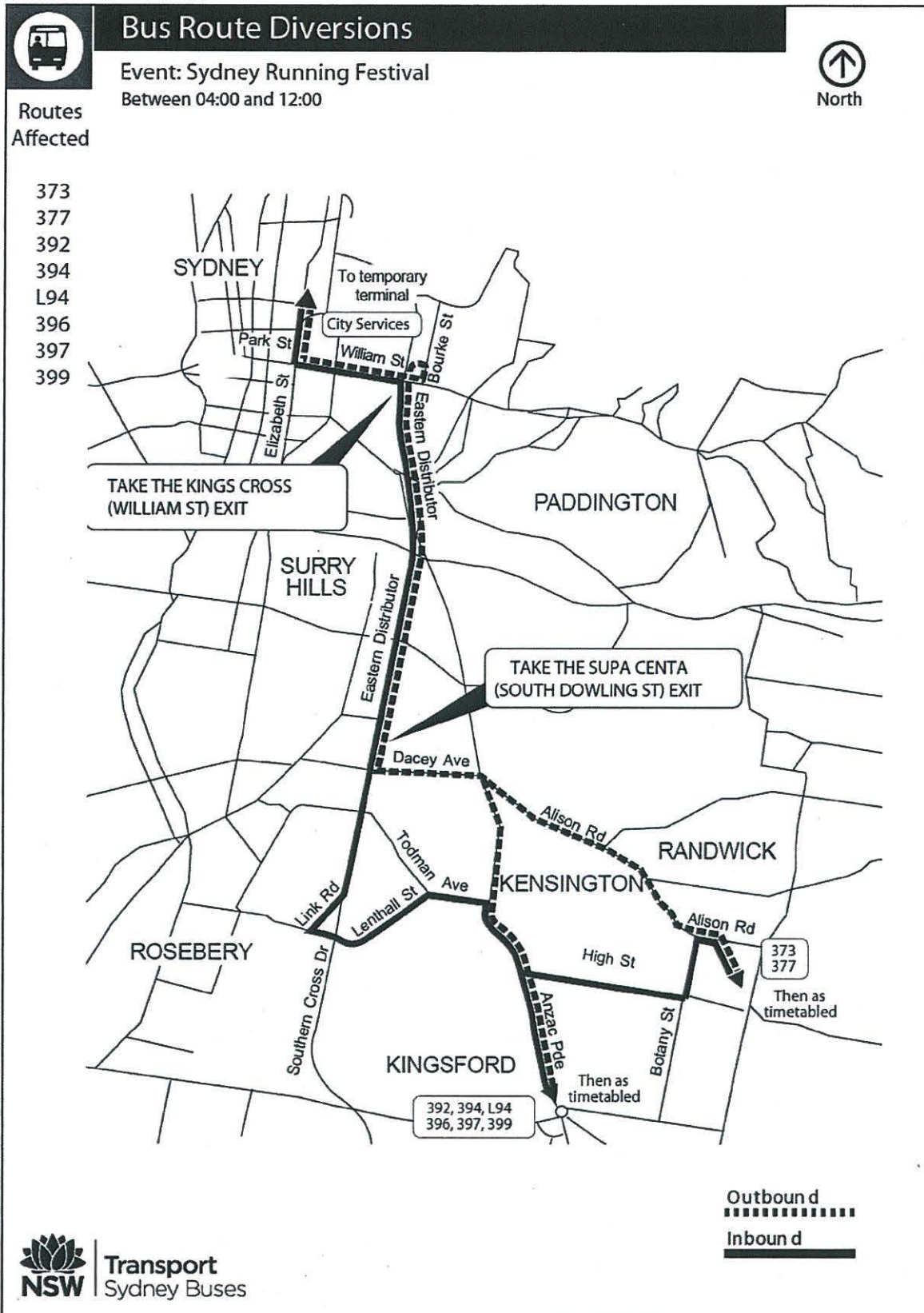
Inward Services (to Bondi Jct)



Outward Services (to Marrickville Metro)



Transport
Sydney Buses





Bus Route Diversions

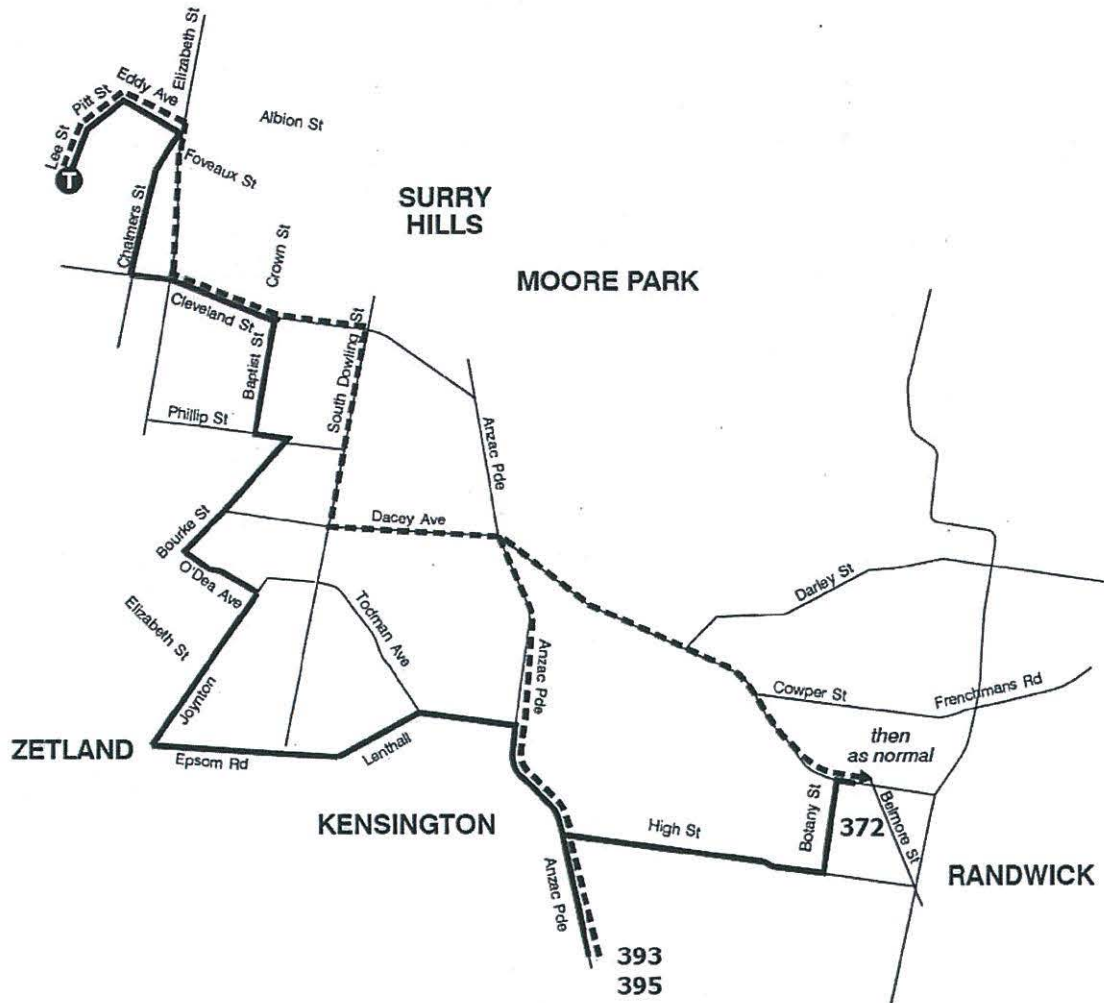
Event: Sydney Running Festival

Between 04:00 and 12:00



Routes Affected

- 372
- 393
- 395



Outbound
 Inbound



Bus Route Diversions

Event: Sydney Running Festival

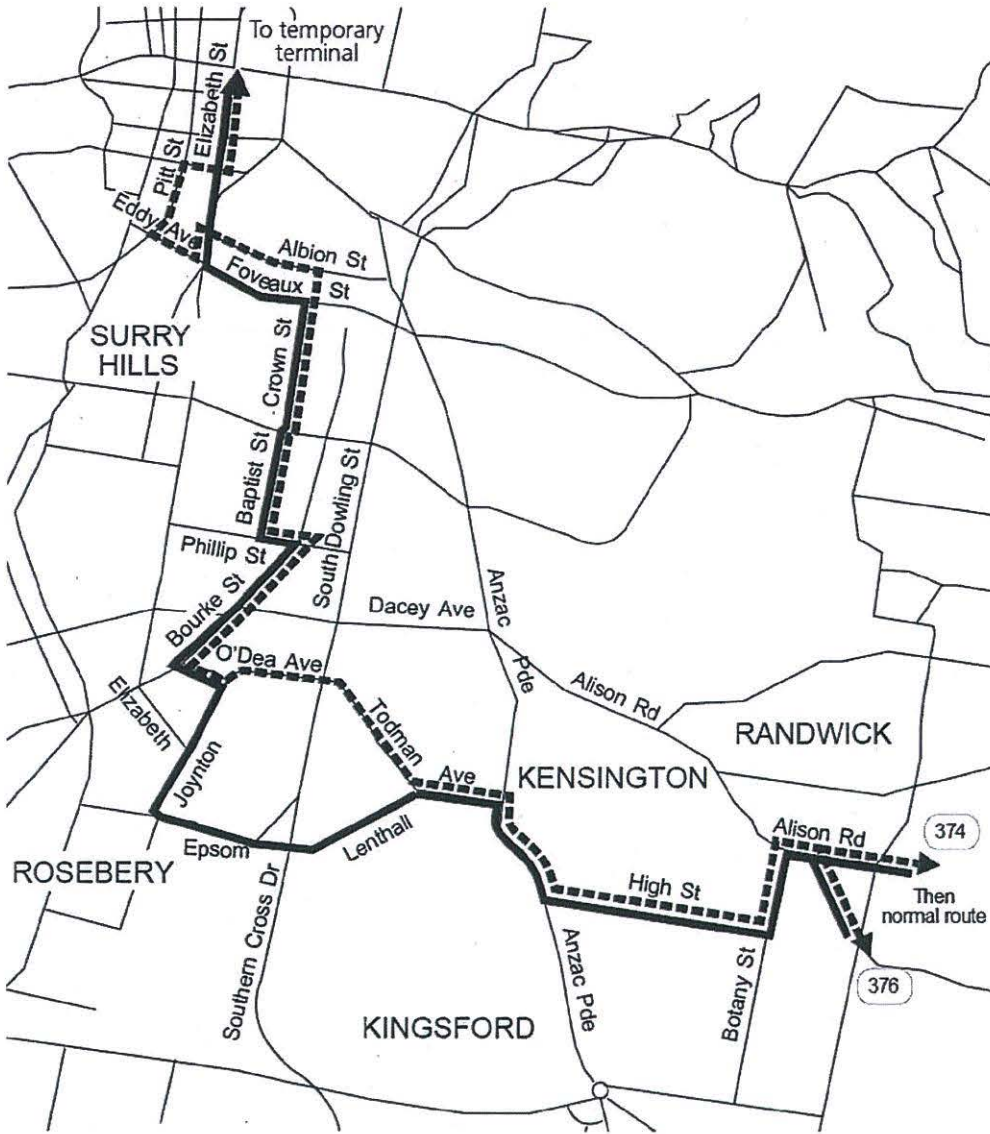
Between 04:00 and 12:00



Routes Affected

374

376



Outbound
Inbound





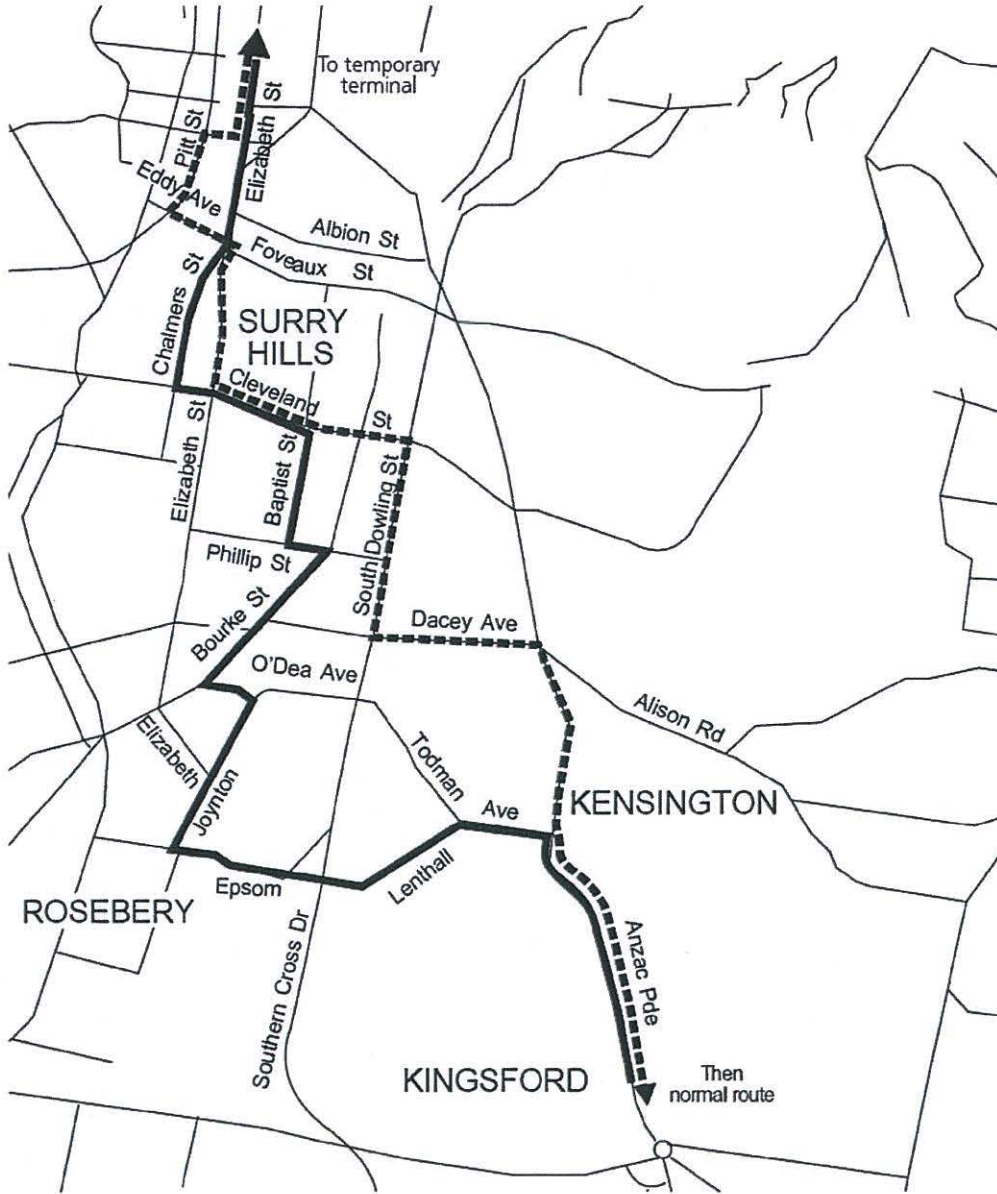
Bus Route Diversions

Event: Sydney Running Festival

Between 04:00 and 12:00



Routes
Affected
391



Outbound
Inbound





Bus Route Diversions

Event: Sydney Running Festival

Between 04:00 and 13:30

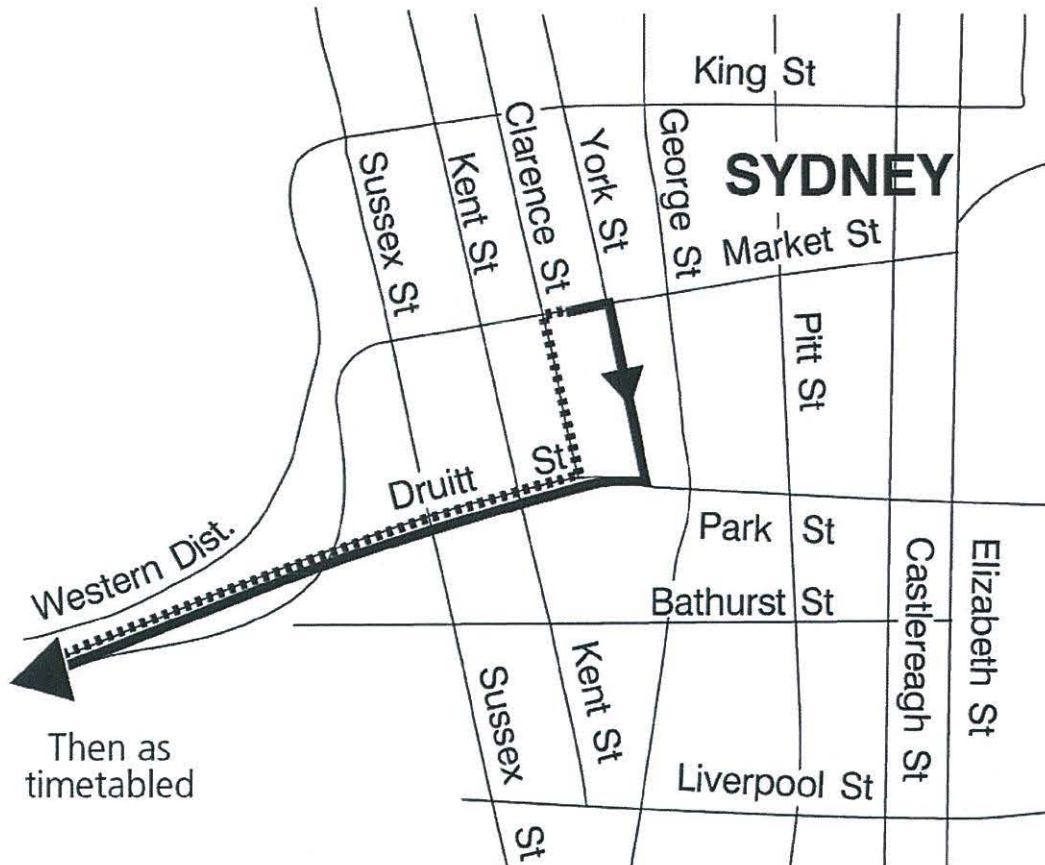


North

Routes
Affected

441

442



Inbound
.....
Outbound
—————

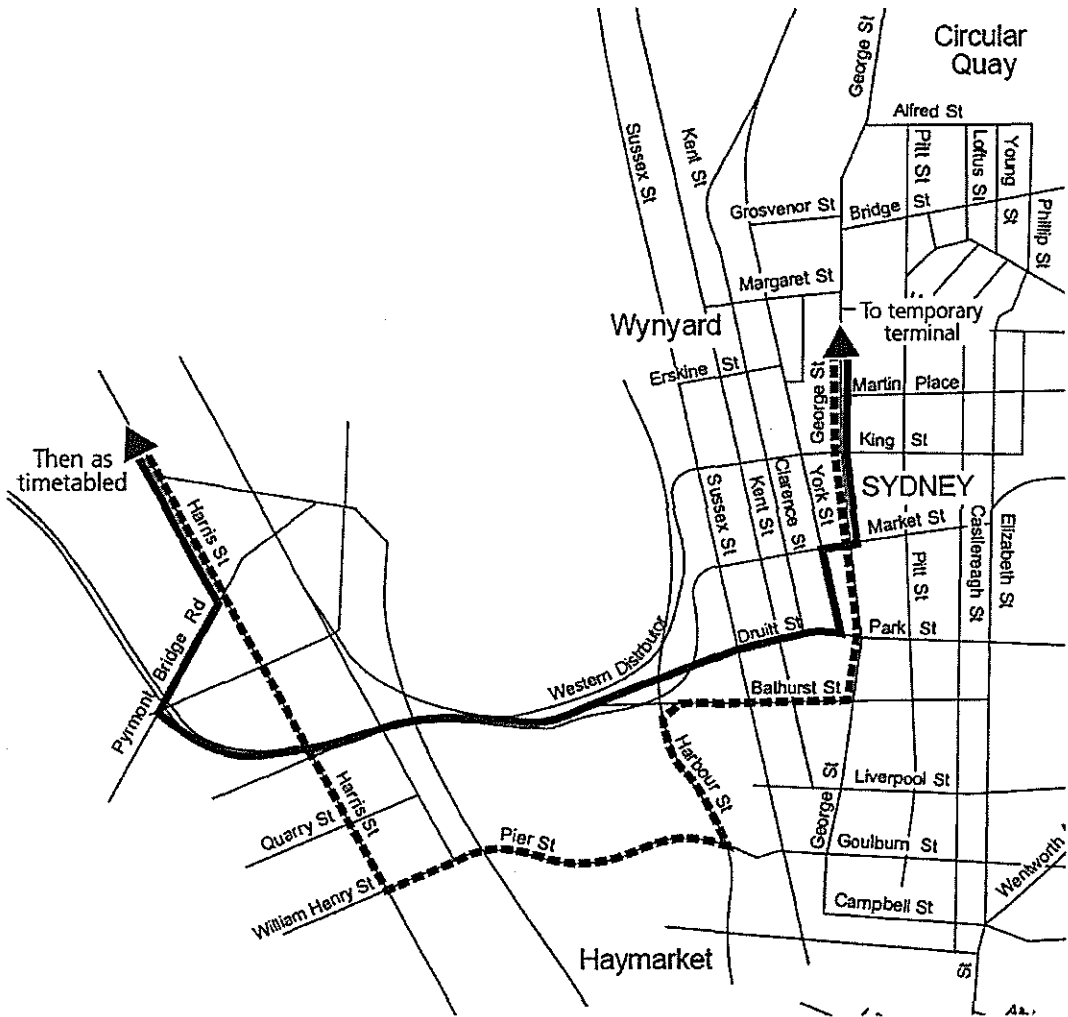


Bus Route Diversions

Event: Sydney Running Festival
Between 04:00 and 12:00



Routes
Affected
443



Inbound

Outbound
—————



Bus Route Diversions

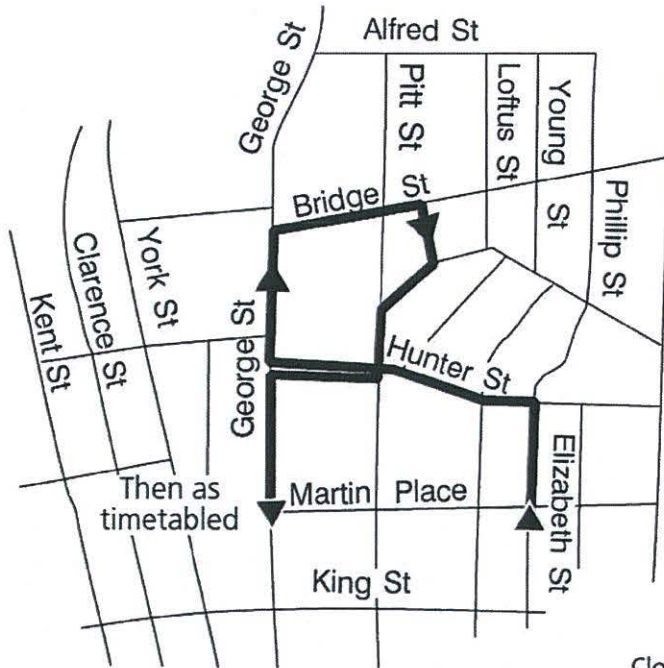
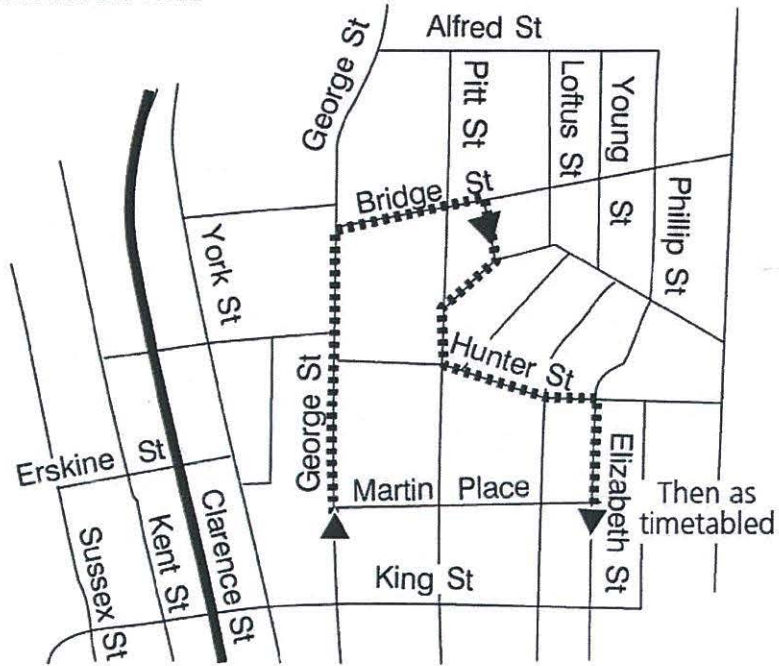
Event: Sydney Running Festival

Between 04:00 and 13:00



North

Routes Affected
555



Clockwise

 Anticlockwise



Bus Route Diversions

Event: Sydney Running Festival

NOTE Follow Map up until 11:00AM

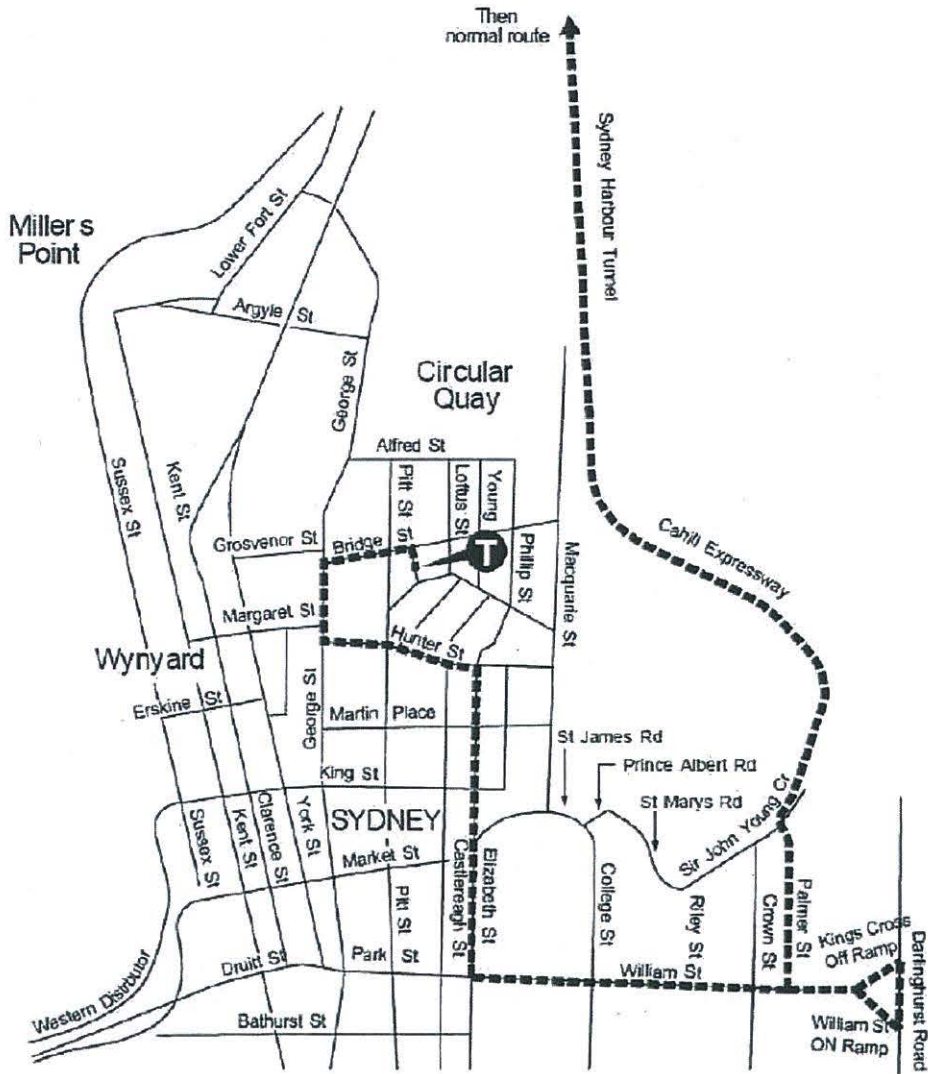
AFTER 11:00AM (until all roads re-open) follow the following diversion:
 As normal to York Street, left Grosvenor Street, left George Street, right Bridge Street, right Crossbar Street.

FOLLOW INSTRUCTIONS FROM RTE 555 SUPERVISOR



North

Routes Affected
555
Special running





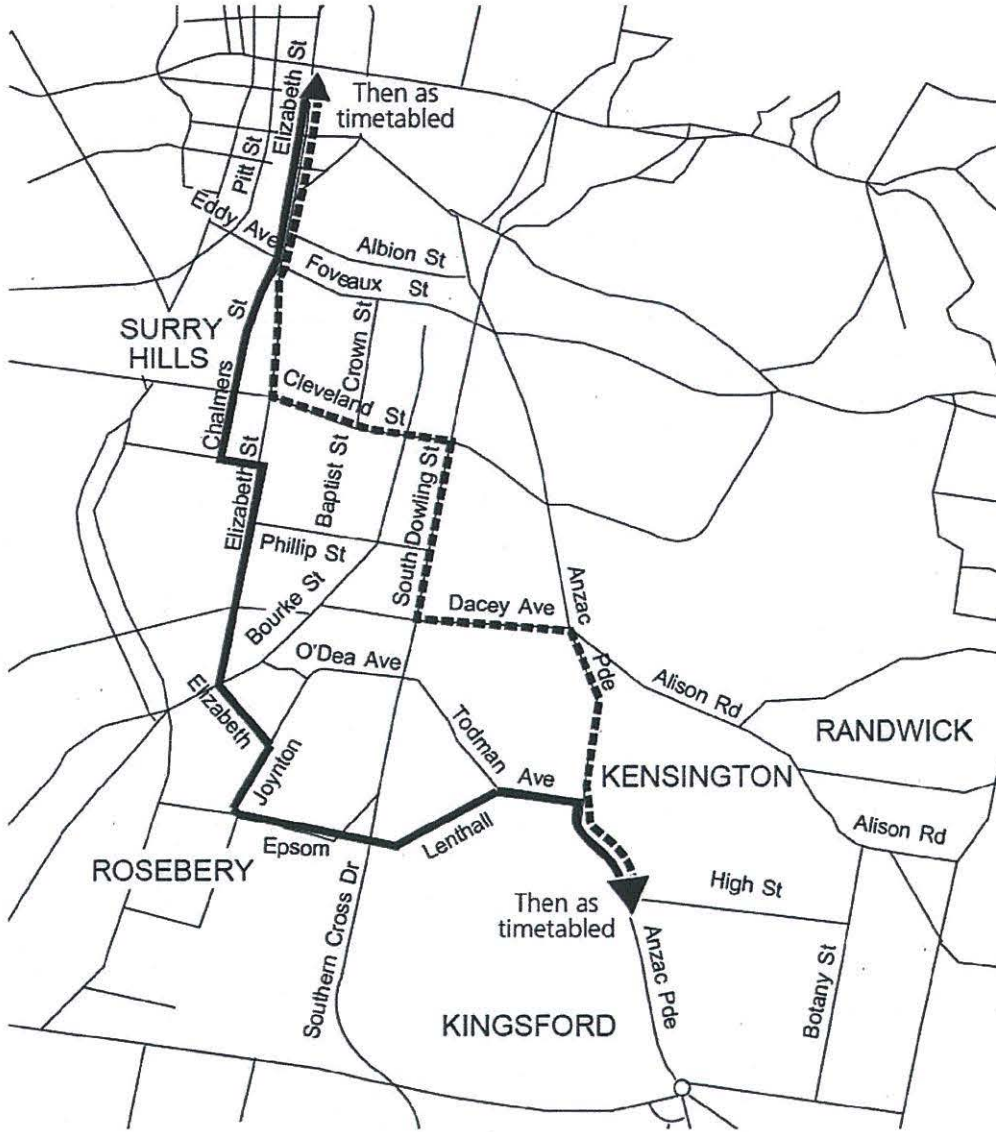
Bus Route Diversions

Event: Sydney Running Festival

Between 04:00 and 12:00



Routes Affected
M10



To Maroubra Jn
.....
To Leichhardt





Bus Route Diversions

Event: Sydney Running Festival

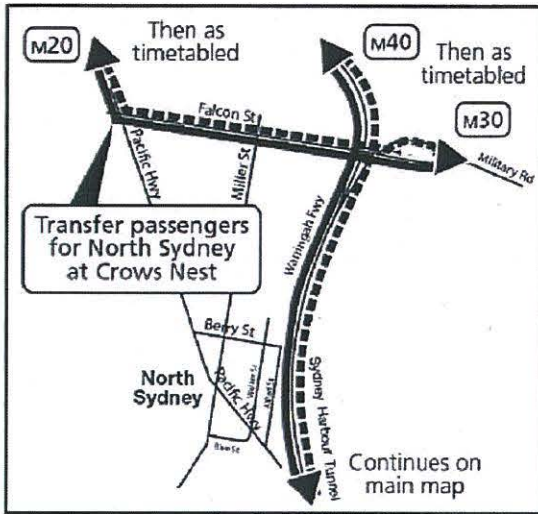
Between 04:00 and 11:00



Routes Affected

- M20
- M30
- M40

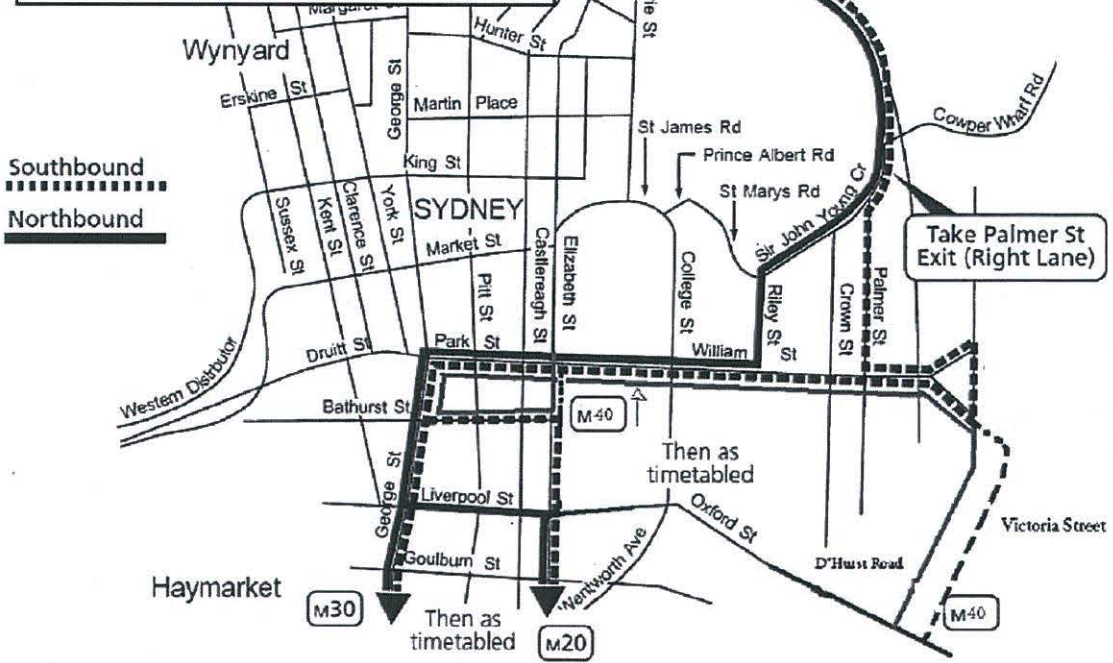
Continues on North Sydney inset



Route 20
From 4.00am until 11.00am
To Gore Hill
As normal to Clarence St, right King, right Elizabeth, left Park, William, left Riley St, right Sir John Young Cres onto Cahill Express Way, Sydney Harbour Tunnel, Warringah Freeway, then left Falcon St, left Miller Street, left Pacific Hwy, right Blue Street, right Miller St, left Pacific Hwy, then as normal.
To Mascot
As normal to Pacific Highway, right Blue St, right Miller Street, right Falcon St, then onto Warringah Freeway, Sydney Harbour Tunnel, Palmer Street exit, left William Street, veer left onto Kings Cross Road, right Darlinghurst Road, right Craigend, William Street, right Elizabeth, Market left York, left Drumm into Park then as normal.

Route 30
From 4.00am until 11.00am
To Mosman
As normal to George Street, right Park, William, left Riley St, right Sir John Young Cres onto Cahill Express Way, Sydney Harbour Tunnel, Warringah Freeway, then as normal
To Sydney
As normal to Falcon St, then onto Warringah Freeway, Sydney Harbour Tunnel, Palmer Street exit, left William Street, veer left onto Kings Cross Road, right Darlinghurst Road, right Craigend, William, Park, left George Street, then as normal.

Route 40
From 4.00am until 11.00am
To Chiswick
As normal to Oxford St, then right Darlinghurst Rd, left Craigend St, William, Park, left George, left Bathurst, left Elizabeth, right Park St, William St, left Riley St, Sir John Young Cres onto Cahill Express Way, Sydney Harbour Tunnel, Warringah Freeway then as normal
To St I
As normal to Warringah Freeway, Sydney Harbour Tunnel, Palmer Street exit, left William Street, veer left onto Kings Cross Road, right Darlinghurst Road, right Craigend, William Street, Park St, left George St, left Bathurst St, left Elizabeth, right William, veer onto Kings Cross Rd, right Victoria, left Oxford St, then as normal





Bus Route Diversions

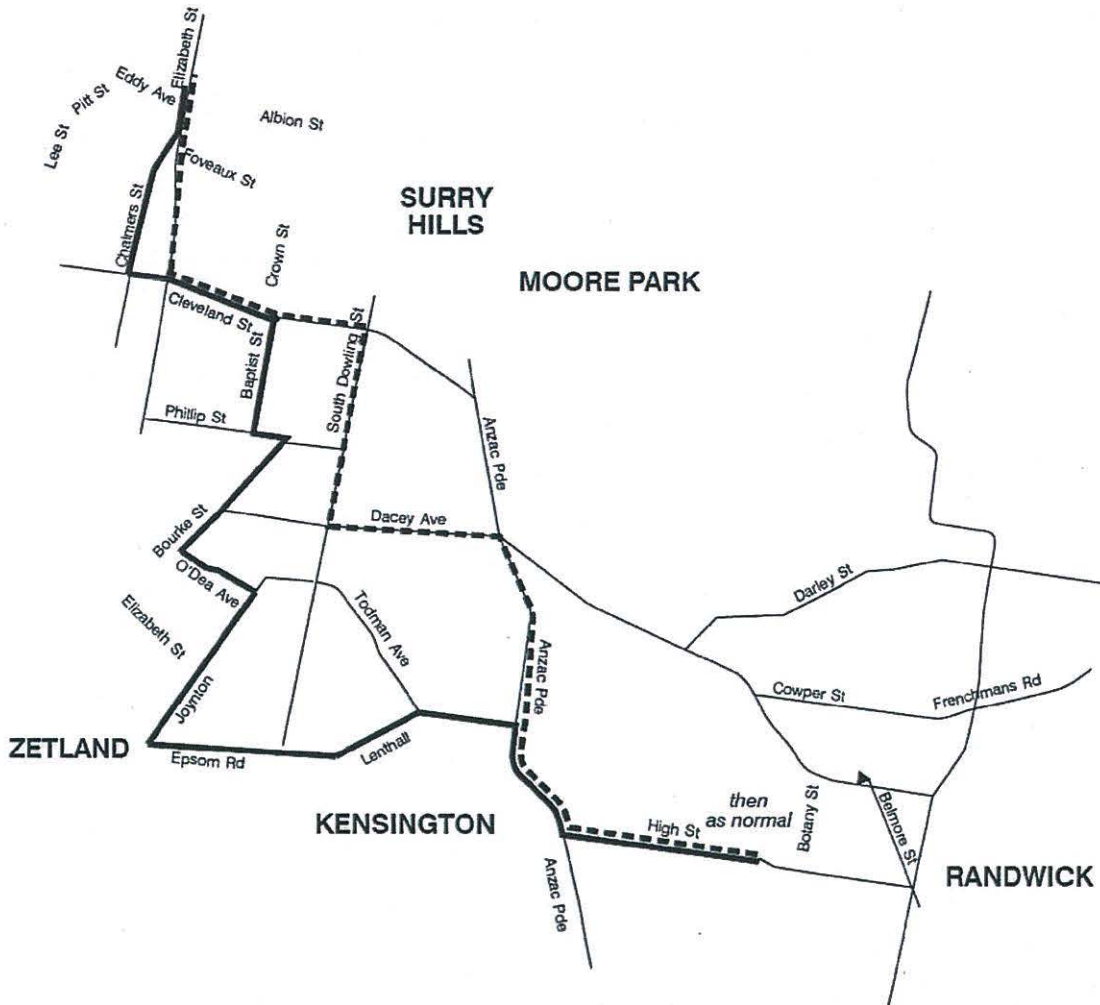
Event: Sydney Running Festival

Between 04:00 and 12:00



North

Routes Affected
M50



To Coogee
To Drummoyne



Bus Route Diversions

Event: Sydney Running Festival

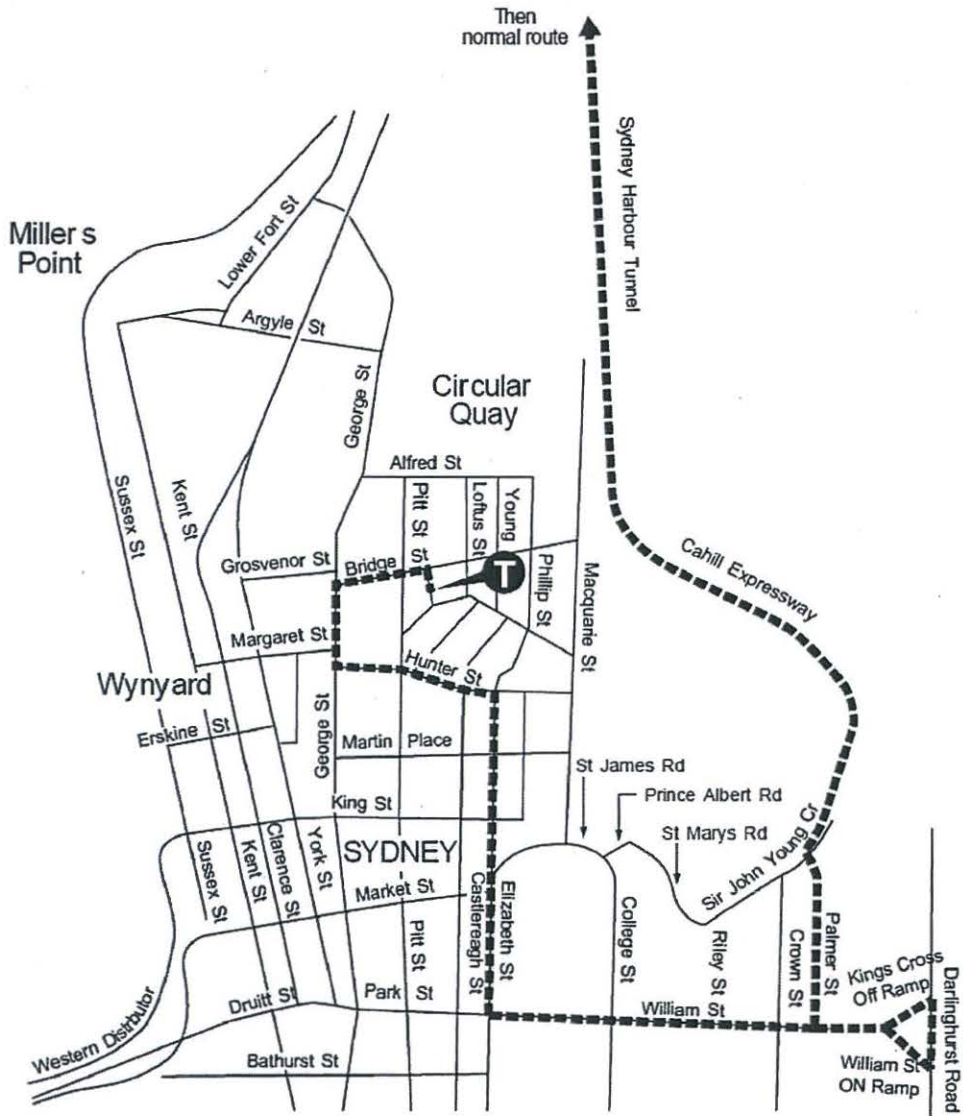
NOTE: Follow Map up until 11:00AM

AFTER 11:00AM (until all roads re-open) follow the following diversion:
As normal to York Street, left Grosvenor Street, left George Street, right Bridge Street, right Gresham Street.

FOLLOW INSTRUCTIONS FROM RTE 555 SUPERVISOR



**Routes
Affected**
**555
Special
running**



2012 Start Times:
 Half Marathon (HM): 6:20 AM
 Marathon (M) WC: 7:25 AM
 Marathon Runners (M): 7:30 AM
 Family Fun Run (FFR): 7:55 AM
 Bridge Run (BR): 9:00 AM

Start Line Cut Off
 (HM): 6:40 AM (20min)
 (M): 7:40 AM (10min)
 (FFR): 8:20 AM (25min)
 (BR): 9:35 AM (35min)

Distances
 (HM): 21.0975km
 (M): 42.195km
 (FFR): 3.30km
 (BR): 9.23km

Half Marathon, Marathon & BR to use corkscrew
 FFR Exits Bridge via Lane 7/8 onto Cahill Direct
 Half Marathon, Marathon use West Dist to U-Turn & corkscrew.

M: 12:31
 First: HM 7:09am
 MWC: 8:55, MR: 9:26
 Last: M 12:31 pm
 DS 15 (HM6)

- Event Communications Channels:**
- Ch 1: Event Control
 - Ch 2: Tail Ops & SAG
 - Ch 3: Drink Station Ops (DS)
 - Ch 4: DS Logistics (SO)
 - Ch 5: Start Area (BFP)
 - Ch 6: Finish Line (SOH)
 - Ch 7: Finish line Medical
 - Ch 8: Recovery Village (RBG)
 - Ch 9: Course Ops Zones 1,2a,2b
 - Ch 10: Course Ops Zs 3, 4, 5, 6
 - Ch 11: Course Ops Zs 7a, 7b & 8
 - Ch 12: Course Ops Spare (&WC)
 - Ch 13: Timing, Results, Media
 - Ch 14: Traffic 1
 - Ch 15: Traffic 2 (Clothing Ops)
- In the case of an emergency Dial '000'**

Event Operations Centre: EOC Hot Lines

Start: 9215 3023
 Finish Line: 9215 3023
 Recovery: 9215 3023
 Drink Stations: 9215 3037
 Course Marshals: 9215 3037
 Sag & Tail Ops: 9215 3038
 Event Control: 9215 3039
 Traffic 1: 9215 3036

HALF MARATHON
 A 50
 SUNDAY TELEGRAPH

MARATHON
 A 50
 SUNDAY TELEGRAPH

FAMILY FUN RUN
 A 50
 SUNDAY TELEGRAPH

BRIDGE RUN
 A 50
 SUNDAY TELEGRAPH

2012 Course Timing Master Plan
 _v25Aug2012 (5hr:30min cut off for Marathon)

Finish Line 1

Times:	First	Last
Half Marathon:	7:25 AM	9:25 AM
Marathon WC:	9:07 AM	-
Marathon Runners:	9:42 AM	1:10 PM

Finish Line 2

Times:	First	Last
Family Fun Run:	8:07 AM	9:00 AM
Bridge Run:	9:26 AM	11:04 AM

Course Drink Station Summary
 Marathon: 8 x Personal Refreshment Stations (PRS)
 9-10 x Water Stations tbc
 Half Marathon: 4 x PRS
 4-5 x Water tbc

Event Numbers:

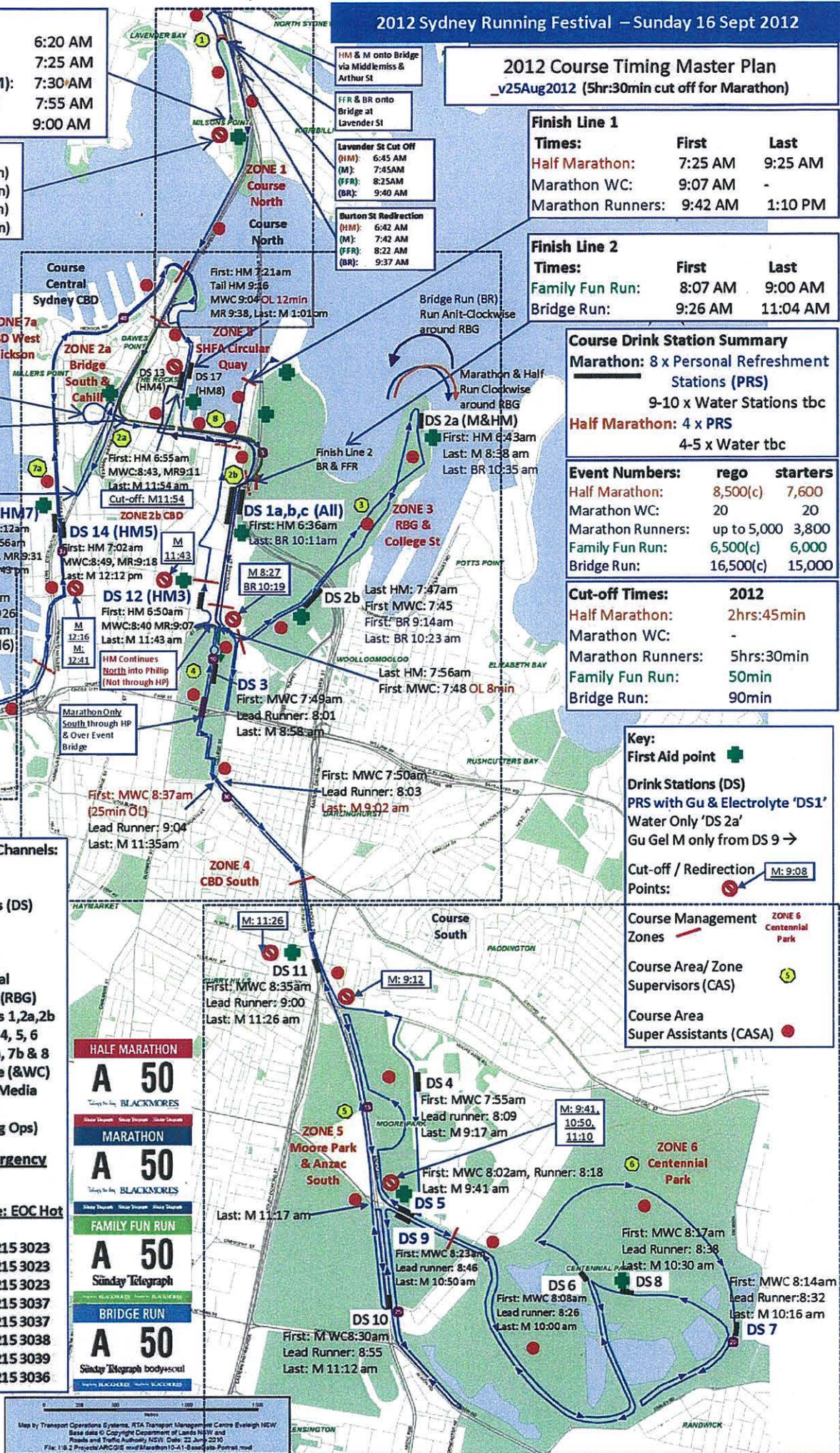
	rego	starters
Half Marathon:	8,500(c)	7,600
Marathon WC:	20	20
Marathon Runners:	up to 5,000	3,800
Family Fun Run:	6,500(c)	6,000
Bridge Run:	16,500(c)	15,000

Cut-off Times: 2012

Half Marathon:	2hrs:45min
Marathon WC:	-
Marathon Runners:	5hrs:30min
Family Fun Run:	50min
Bridge Run:	90min

Key:
 First Aid point +
 Drink Stations (DS)
 PRS with Gu & Electrolyte 'DS1'
 Water Only 'DS 2a'
 Gu Gel M only from DS 9 →
 Cut-off / Redirection M: 9:08
 Points: ●

Course Management Zones
 Course Area/ Zone Supervisors (CAS) ●
 Course Area Super Assistants (CASA) ●



Map by Transport Operations Systems, RTA Transport Management Centre Eveleigh NSW
 Base data © Copyright Department of Lands NSW and
 Roads and Traffic Authority NSW. Date: 22 Jun 2012
 File: 18.2 Project\ARC01e.mxd\Marathon10-11-Base-Map-Postal.mxd

Sydney Running Festival 2012 - Half Marathon Route - Sun 16 Sept 2012

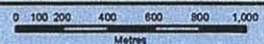


Legend

— Half Marathon Route



Transport Management Centre



Map by Major Events Section, Transport Management Centre Evesleigh NSW.
Base data © Copyright Department of Lands NSW. Date: June 2012.
File: 1192 Project/ARC/CGIS/roads/transport/12-AS-8/roads/1192route.mxd

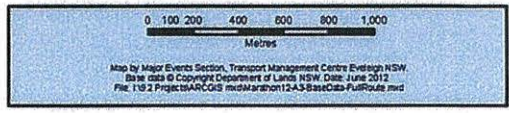
Sydney Running Festival 2012 - Marathon Route - Sun 16 Sept 2012



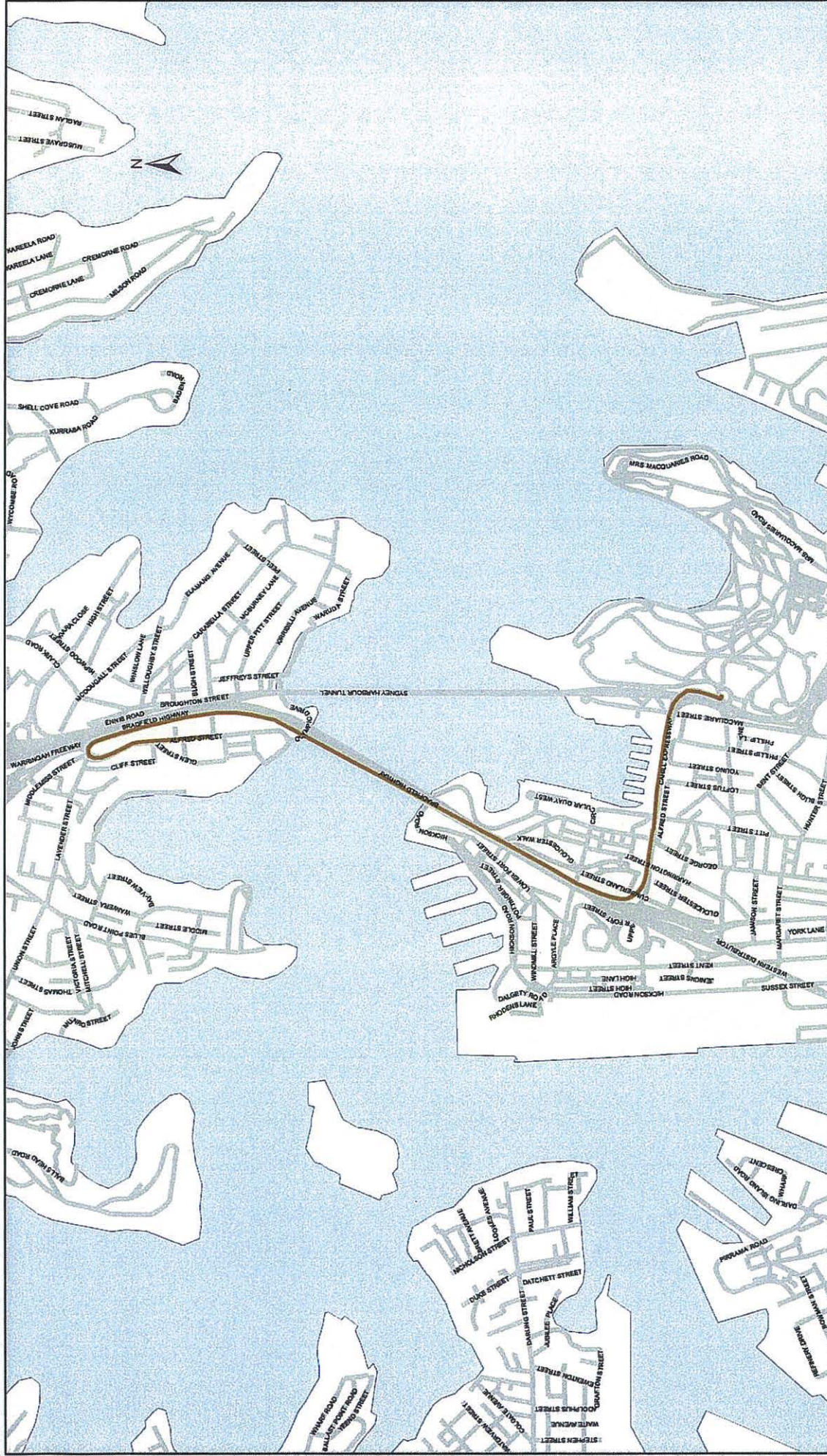
Legend


Legend

- Marathon Route
- - - Wheelchair Return Route



Sydney Running Festival 2012 - Family Run

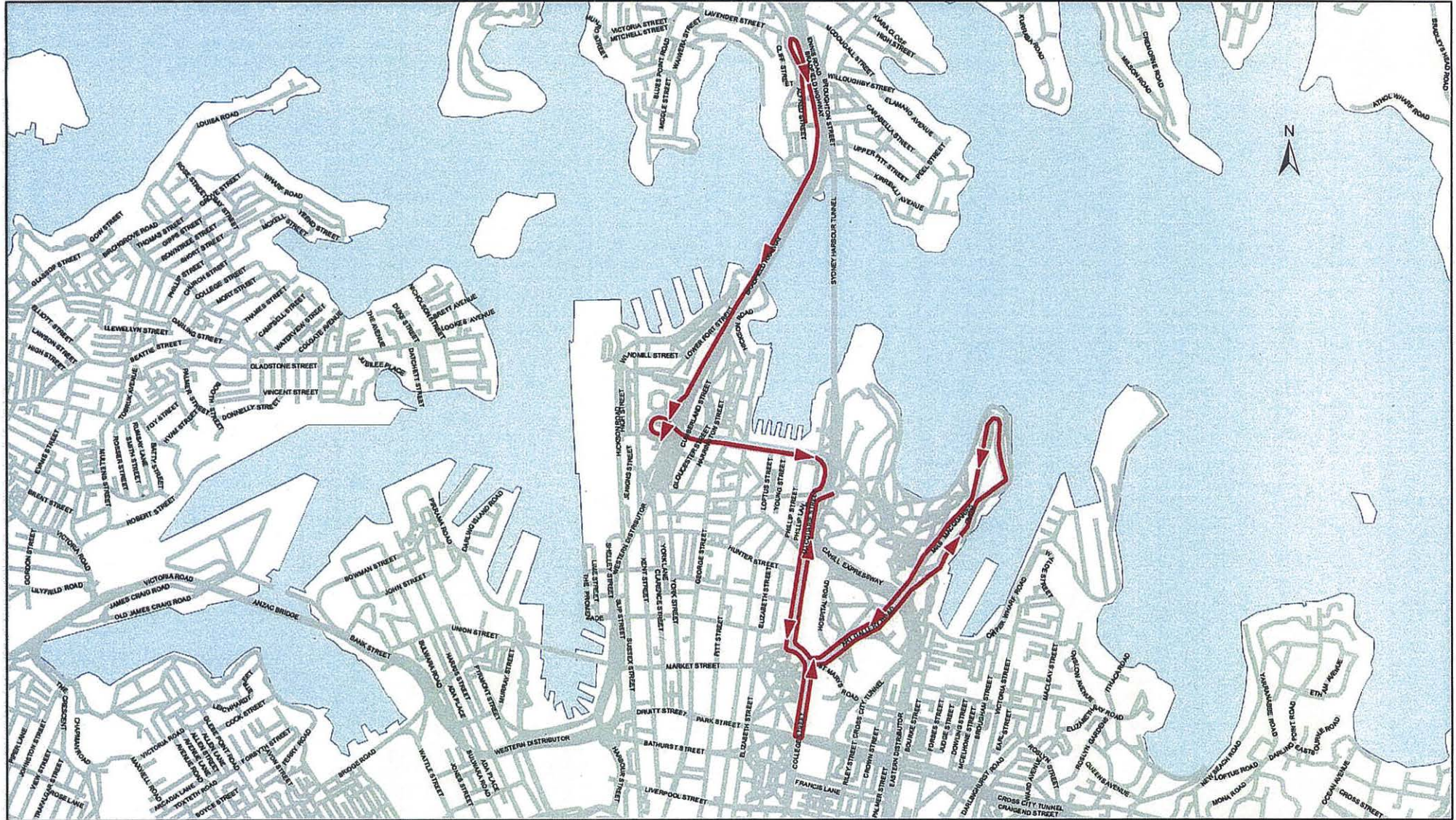


Legend
 Family Run



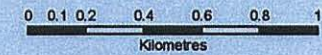
0 0.1 0.2 0.4 0.6 0.8 1
 Kilometres
 Map by Major City's Section, Transport Management Centre, Sydney NSW
 Date issued: August 2012 File: 10_2_PsychedARC03_SydneyMarathon12A-FamilyRun.mxd

Sydney Running Festival 2012 - Bridge Run



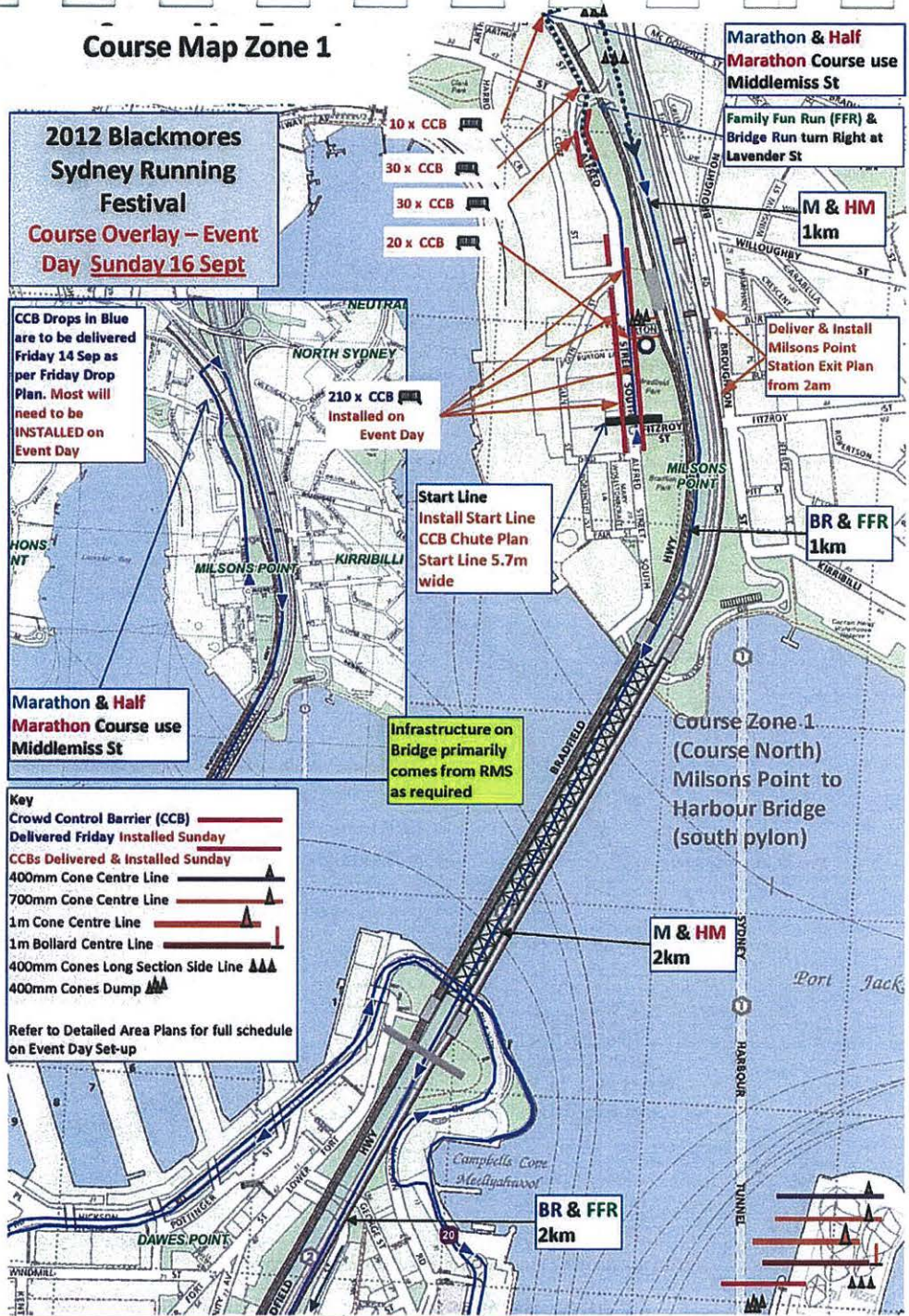
Legend

 Bridge Run

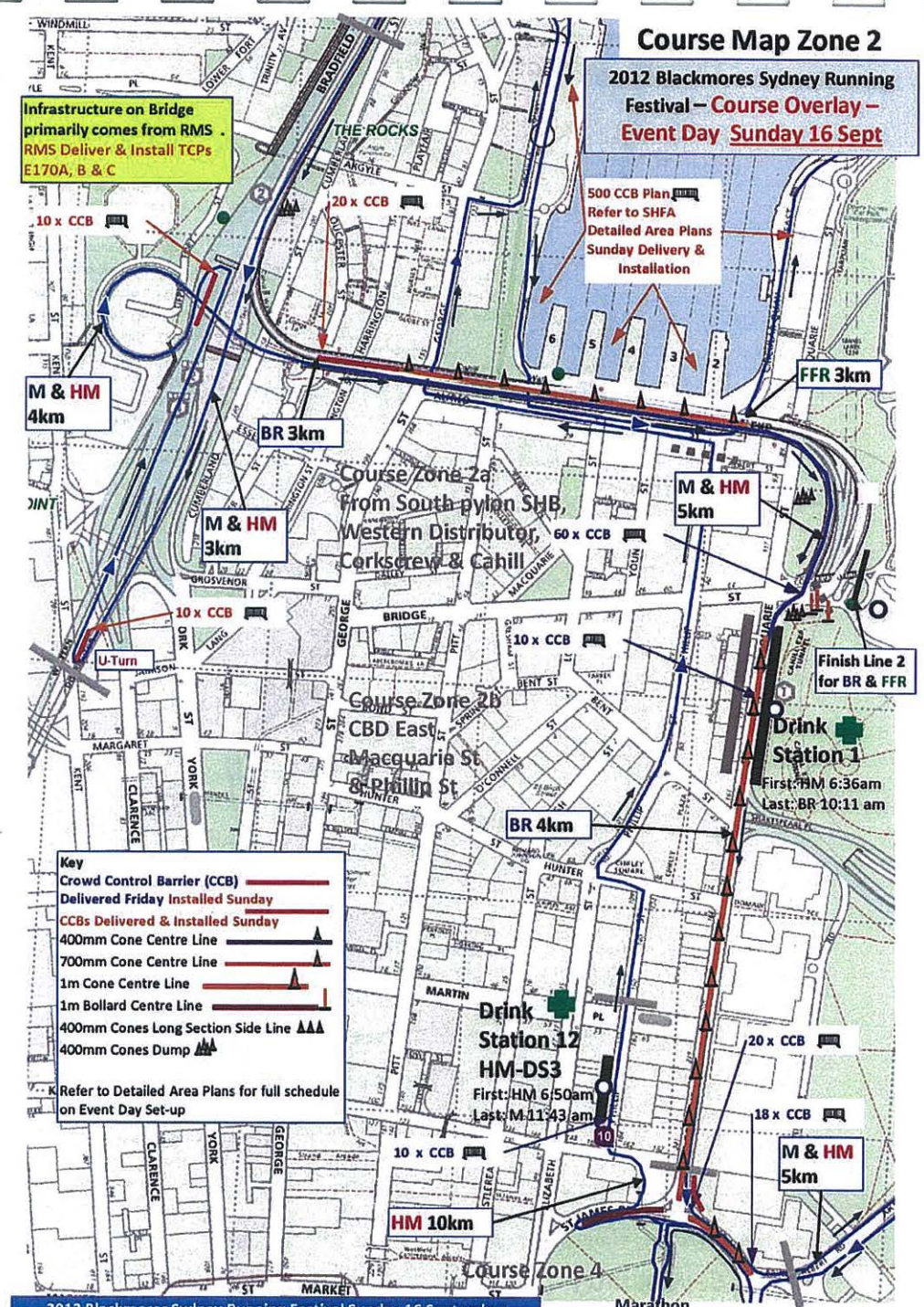


Map by Major Events Section, Transport Management Centre Eveleigh NSW.
Base data © Copyright Department of Lands NSW 2011.
Date issued: August 2012. File: I192 Projects\WRCG\IS mxd\Warathon2012-A3-BridgeRun.mxd

Course Map Zone 1



Course Map Zone 2



Start Times:
 Marathon (M) WC: 7:25 AM
 Marathon Runners (M): 7:30 AM

2012 Blackmores Sydney Running Festival

Course Map Zone 5 – Infrastructure Location Summary
Event Day – Sunday 16 September 2012

Point Times, at DS 11 at 29.0 km:
 First Marathon (M) WC: 8:32 AM
 First Marathon Runners (M): 8:56 AM
 Tail Marathon Runners (M): 11:17 AM

Point Times at 12.1 km:
 First Marathon (M) WC: 7:55 AM
 First Marathon Runners (M): 8:08 AM
 Tail Marathon Runners (M): 9:16 AM

COURSE ZONE 5
Moore Park Rd, Driver Av, Bus Lane & Anzac Pde

8 x CCB

Coates Dump
 Zone 5 Super to set-up
 50 x 400 Cones

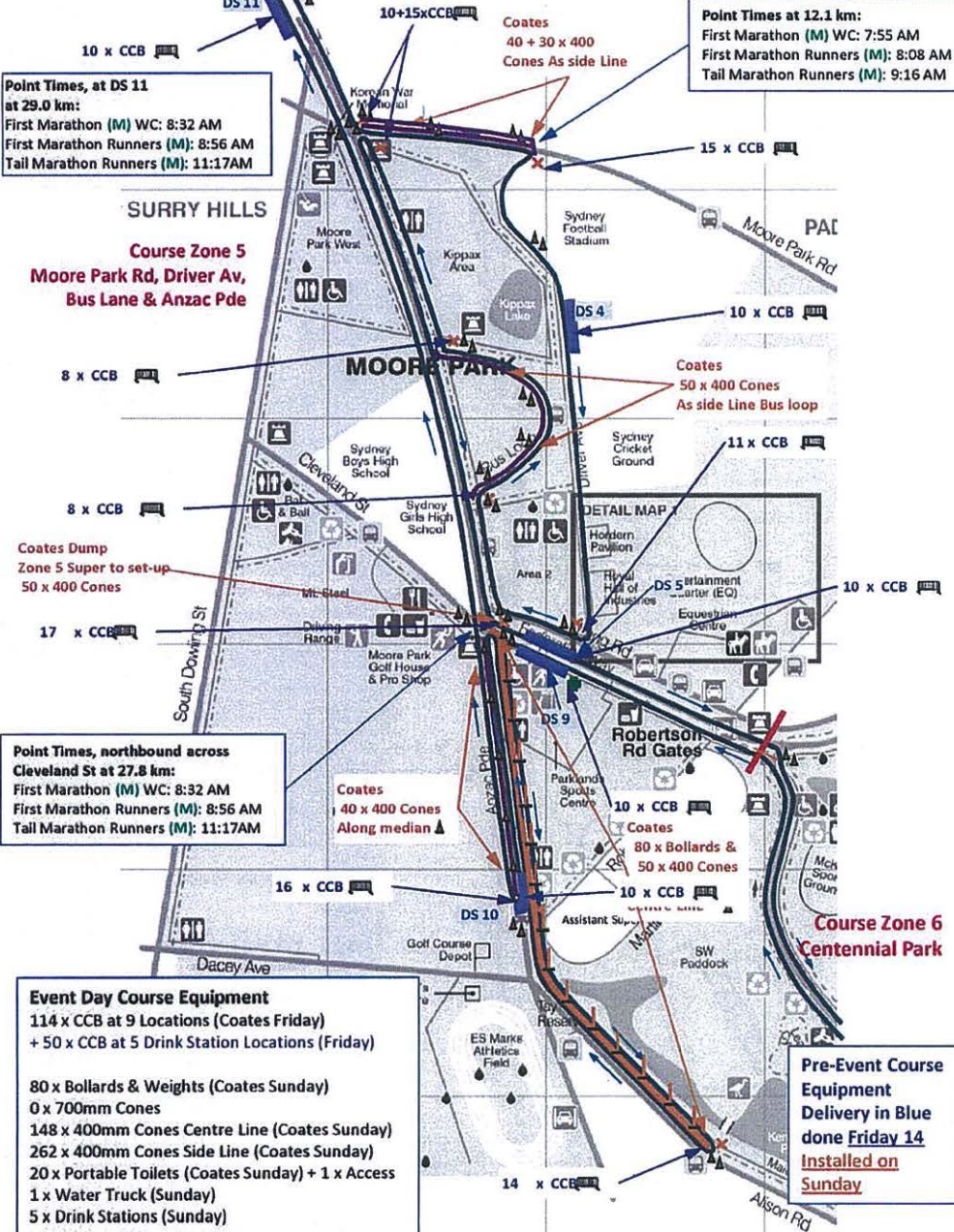
Point Times, northbound across Cleveland St at 27.8 km:
 First Marathon (M) WC: 8:32 AM
 First Marathon Runners (M): 8:56 AM
 Tail Marathon Runners (M): 11:17 AM

Event Day Course Equipment
 114 x CCB at 9 Locations (Coates Friday)
 + 50 x CCB at 5 Drink Station Locations (Friday)

80 x Bollards & Weights (Coates Sunday)
 0 x 700mm Cones
 148 x 400mm Cones Centre Line (Coates Sunday)
 262 x 400mm Cones Side Line (Coates Sunday)
 20 x Portable Toilets (Coates Sunday) + 1 x Access
 1 x Water Truck (Sunday)
 5 x Drink Stations (Sunday)

Author: Julian Sanderson (ESPA)

Version Date: 7 September 2012



Key Timings At Robertson Rd Gate
 16km (Into Park)
 First Marathon WC: 8:03am
 Lead Runner: 8:20am
 Tail Runner: 9:45am

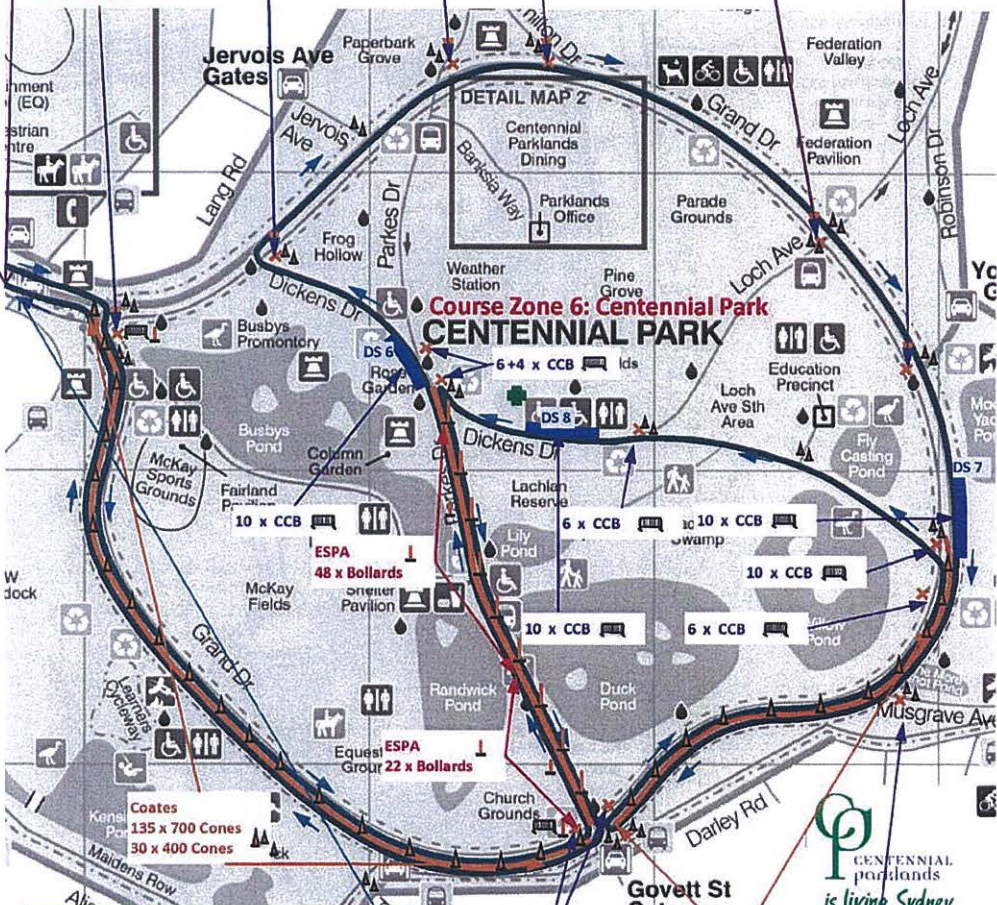
2012 Blackmores Sydney Running Festival

Course Map Zone 6 – Infrastructure Location Summary
Event Day – Sunday 16 September 2012

Pre-Event Course
Equipment Delivery in Blue done Friday 14 Sep
Installed on Sunday

16 x 400 Cones

14 x CCB
 +10 x Bollards



Event Day Course Equipment
 100 x CCB at 14 Locations (Coates Friday)
 +30 x CCB at 5 Drink Station Locations (Fri)

80 x Bollards & Weights (ESPA & TPP)
 200 x 700mm Cones (Coates Sunday)
 136 x 400mm Cones (Coates Sunday)
 8 x Portable Toilets (Coates Sunday)
 1 x Water Truck (Sunday)
 3 x Drink Stations (Sunday)

Author: Julian Sanderson (ESPA)

Version Date: 7 September 2012

Key Timings At Robertson Rd Gate
 ~24.1km (OUT of the Park)
 First Marathon WC: 8:23am
 Lead Runner: 8:45am
 Tail Runner: 10:48am

Coates
 65 x 700 Cones
 28 x 400 Cones



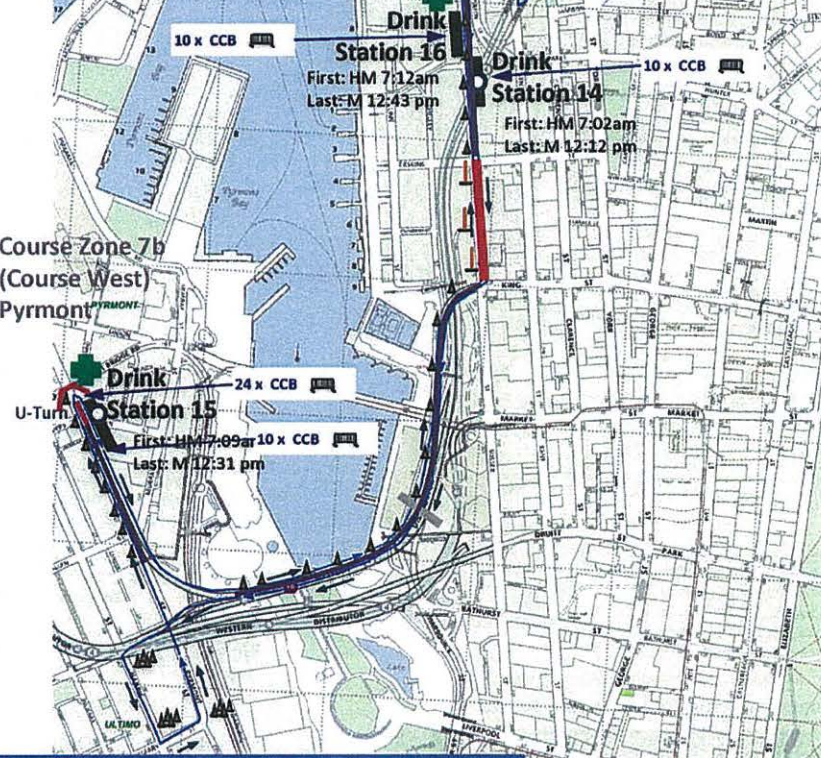
Course Map Zone 7a & 7b

2012 Blackmores Sydney Running Festival –
Course Overlay – Event Day **Sunday 16 Sept**

- Key**
- Crowd Control Barrier (CCB)
 - Delivered Friday Installed Sunday
 - CCBs Delivered & Installed Sunday
 - 400mm Cone Centre Line
 - 700mm Cone Centre Line
 - 1m Cone Centre Line
 - 1m Bollard Centre Line
 - 400mm Cones Long Section Side Line
 - 400mm Cones Dump
- Refer to Detailed Area Plans for full schedule on Event Day Set-up

Course Zone 7a
(Course CBD West)
Hickson Rd, &
Sussex St

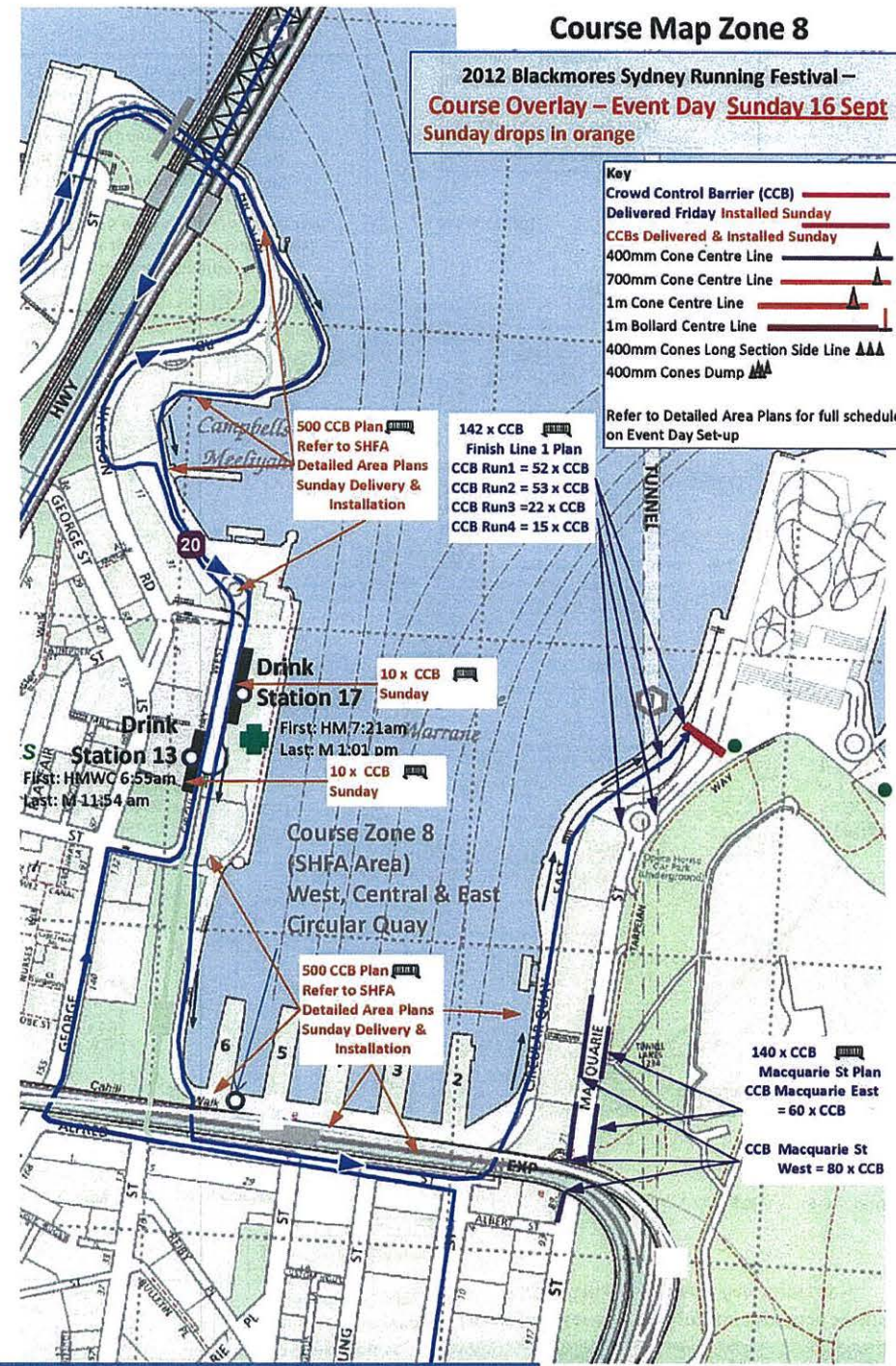
Course Zone 7b
(Course West)
Pyrmont



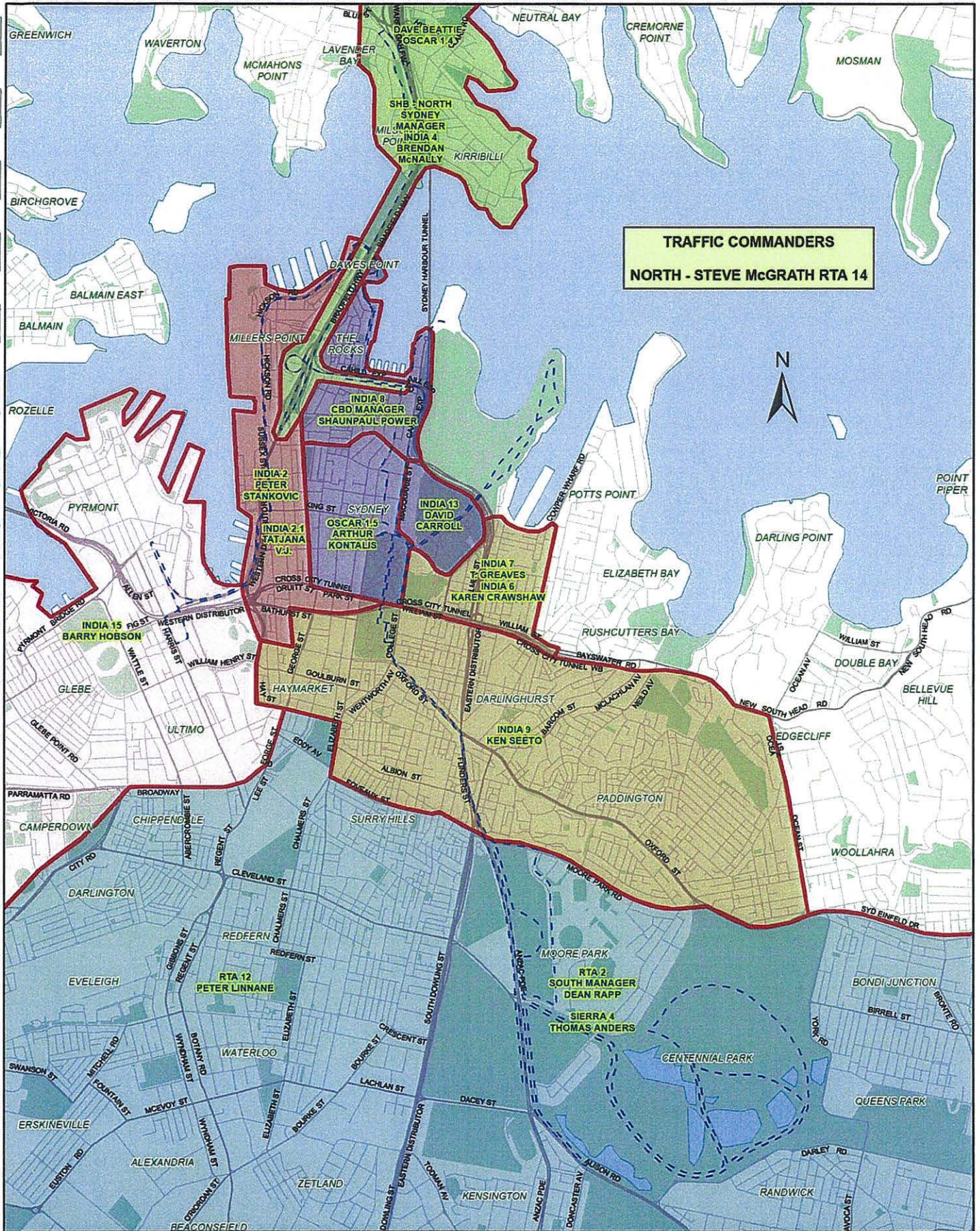
Course Map Zone 8

2012 Blackmores Sydney Running Festival –
Course Overlay – Event Day **Sunday 16 Sept**
Sunday drops in orange

- Key**
- Crowd Control Barrier (CCB)
 - Delivered Friday Installed Sunday
 - CCBs Delivered & Installed Sunday
 - 400mm Cone Centre Line
 - 700mm Cone Centre Line
 - 1m Cone Centre Line
 - 1m Bollard Centre Line
 - 400mm Cones Long Section Side Line
 - 400mm Cones Dump
- Refer to Detailed Area Plans for full schedule on Event Day Set-up



Sydney Running Festival 2012 Marathon - Sun 16 Sept 2012



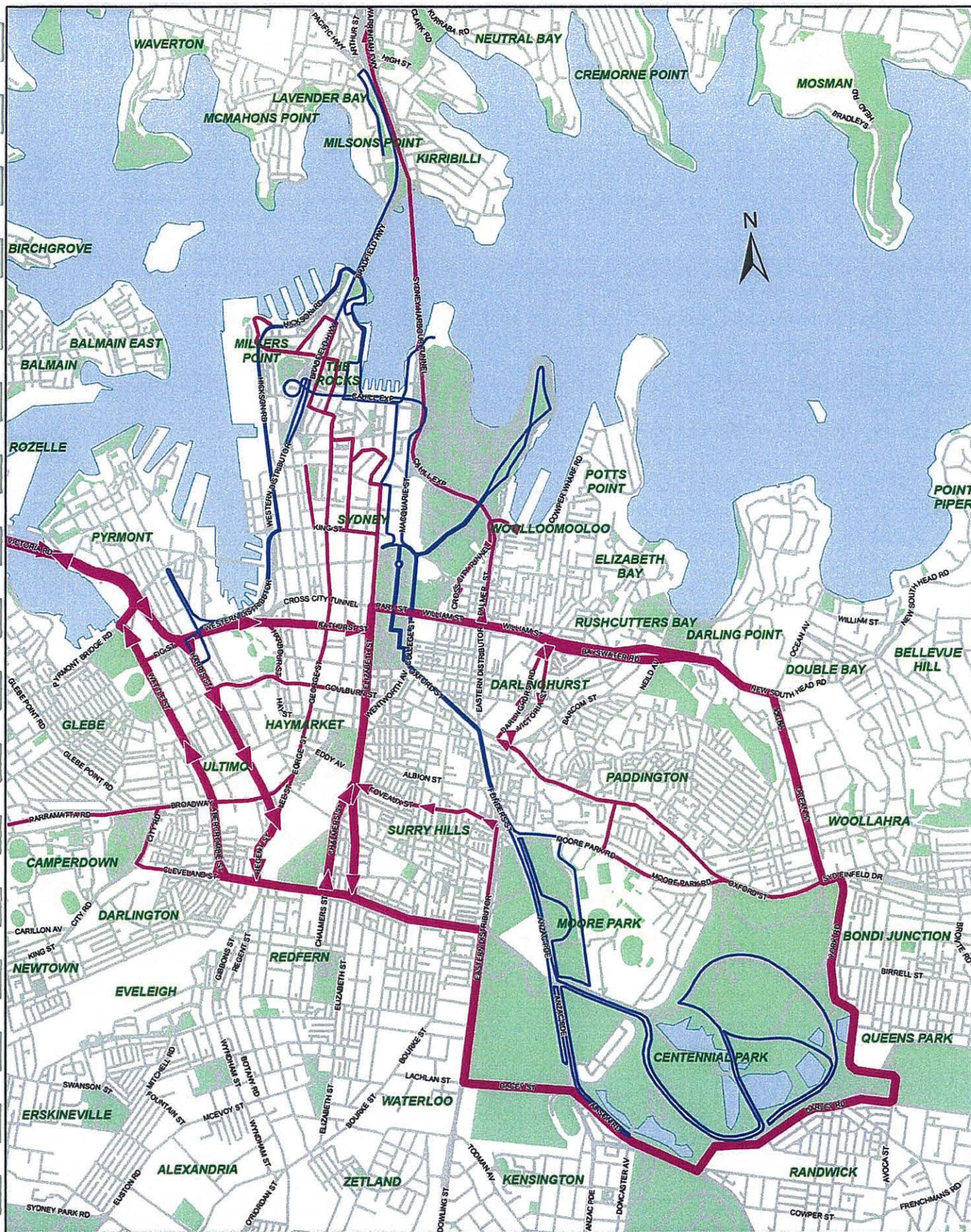
TRAFFIC COMMANDERS
NORTH - STEVE McGRATH RTA 14

Patrol Areas	
■	SHB-NORTH SYDNEY
■	CITY SOUTH
■	CBD
■	PYRMONT
■	CITY WEST
■	CITY EAST



Map by Major Events Section, Transport Management Centre Evesleigh NSW.
 Base data © Copyright Department of Lands NSW, Date: September.
 File: 118.2 Projects\ARCGIS msc\Marathon2012-A1-BaseData-PatrolAreas.mxd

Sydney Running Festival 2012 Marathon - Sun 16 Sept 2012 - Detour Routes



Legend

- Marathon Route
- Major Detour Route
- - - Wheelchair Return Route
- Minor Detour Route

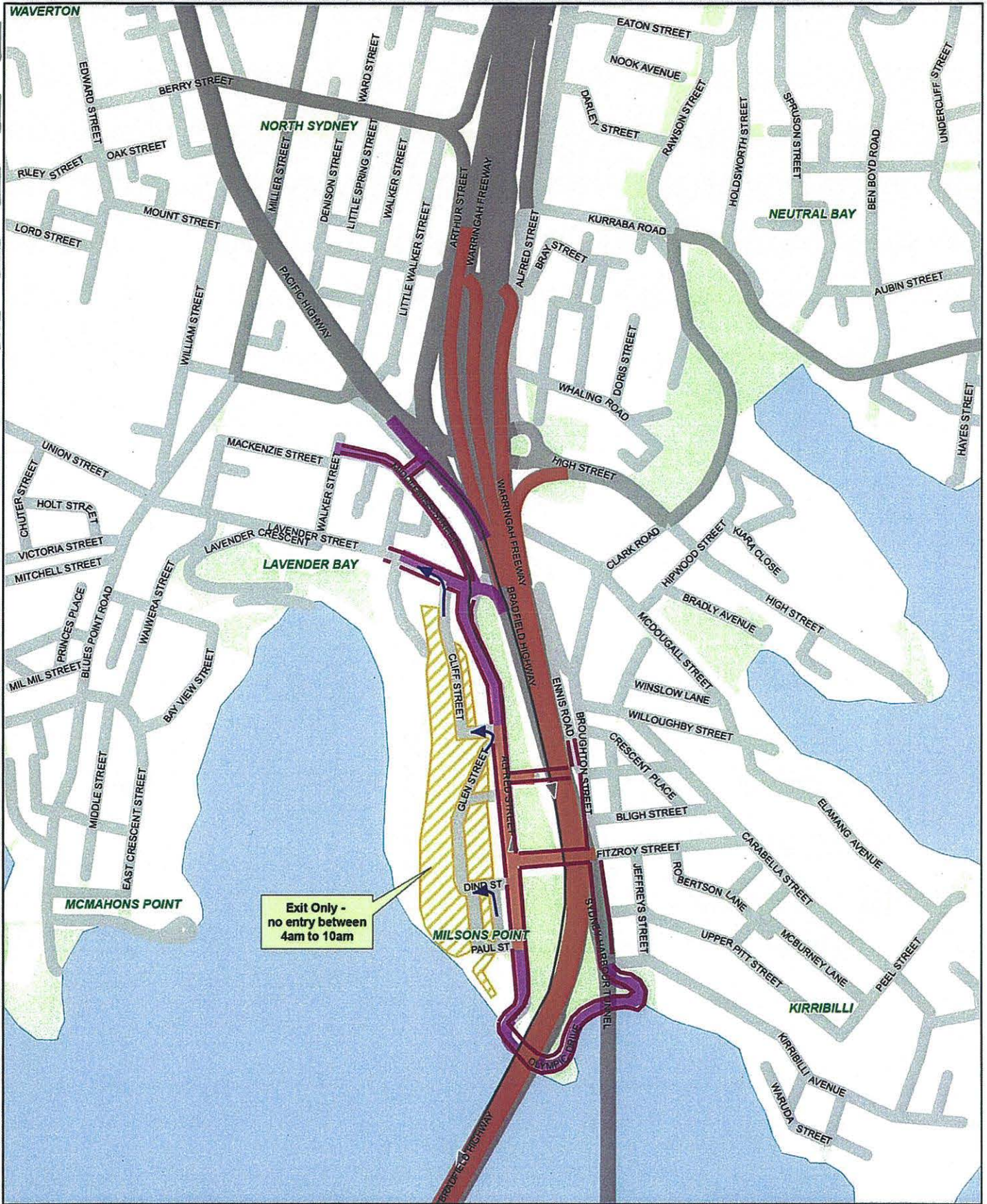


Transport
Management
Centre



Map by Major Events Section, Transport Management Centre Eveleigh NSW.
 Base data © Copyright Department of Lands NSW, Date: June 2012
 File: 119.2 Projects\ARCHE mod\marathon12_A3-BaseData-DetourRoutes.mxd

Sydney Running Festival - Sun 16 Sept 2012 - North Sydney



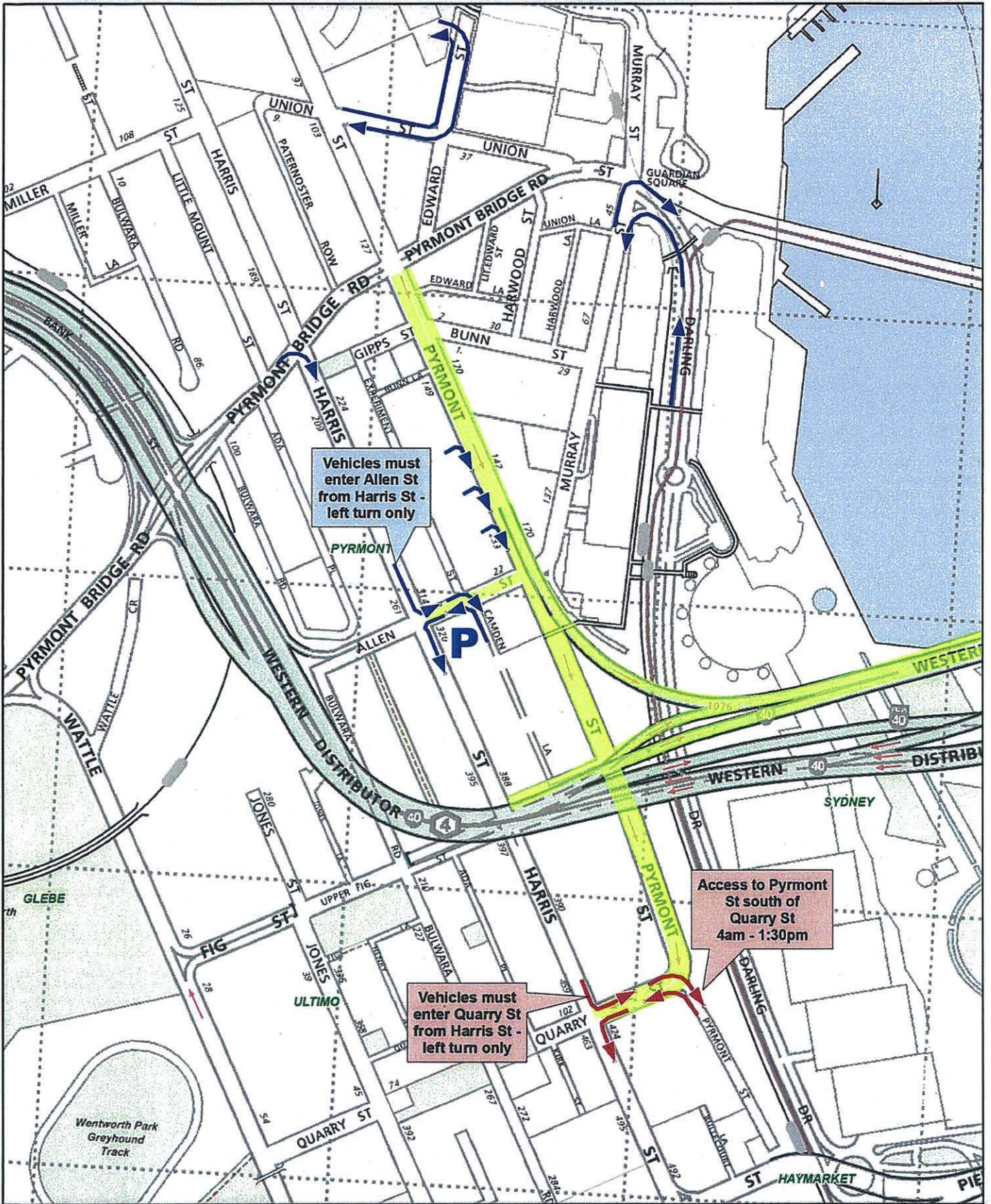
Legend

- Road Closure 4am-10am
- Road Closure 4am - 11am
- Marathon Route
- Special Event Clearway 1am - 10am
- Exit Only from these areas
- Exit Route Only



Map by Major Events Section, Transport Management Centre Eveleigh NSW
 Base data © Copyright Land and Property Information Division - Department of Finance & Services
 Date issued: July 2012
 File: L192 Projects\AROCIS.mxd\Marathon12-A3-NorthSydney.mxd

Sydney Running Festival - Sun 16 Sept 2012 - Access to Pyrmont Road Closed area



Legend

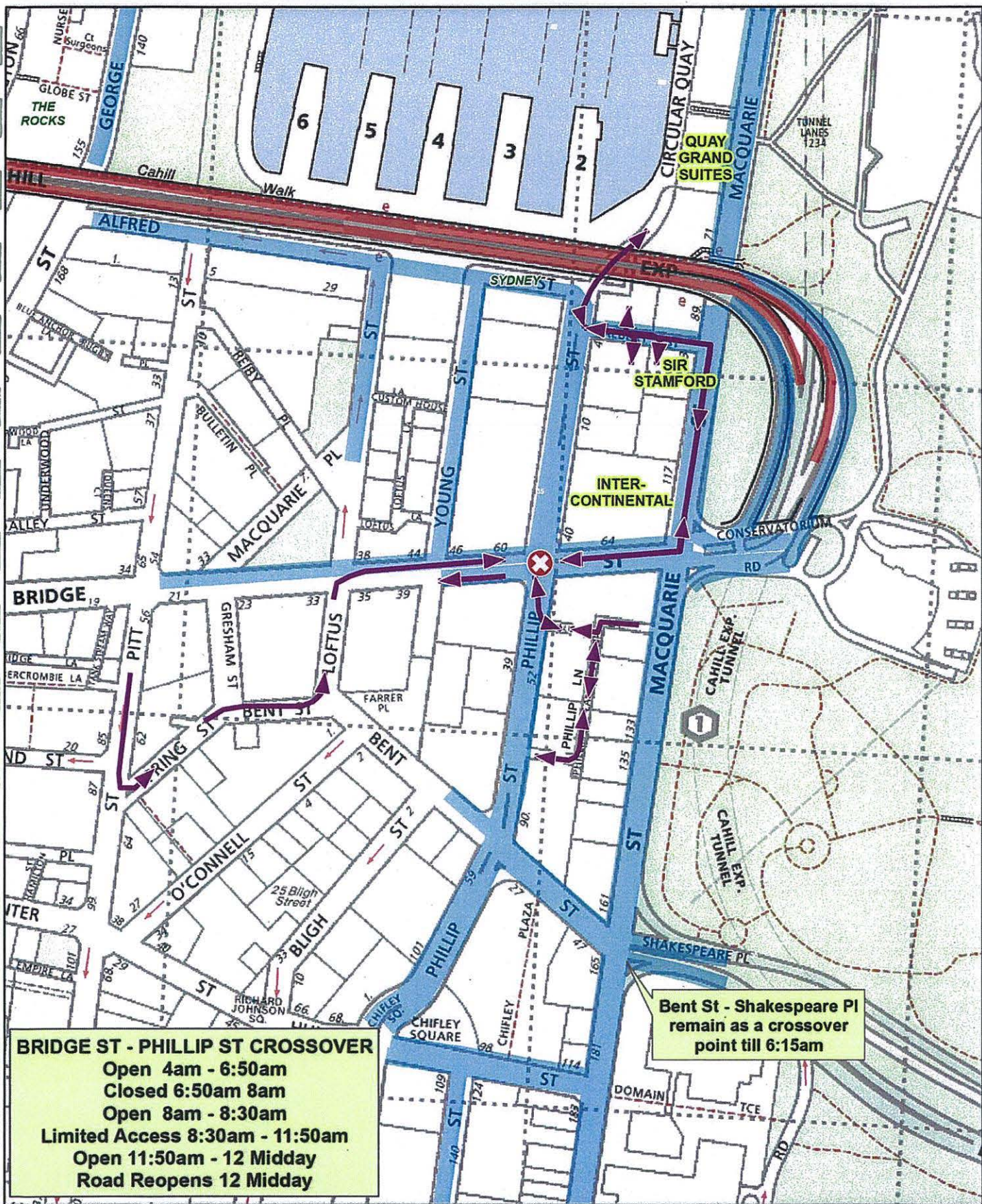
- Allen St Access
- Road Closure 4am-1:30pm
- Quarry St Access



Sydney Copyright Metway Publishing 2000
 Reproduced from Sydney Edition 14 with permission

Map by Transport Operations Systems, Transport Management Centre Evolveigh NSW
 Base data © Copyright Metway Publishing 2010
 Date issued: June 2012
 File: 1/92 Projects/ARCIS mod/Marathon12-AS-Pyrmont/Access.mxd

Sydney Running Festival - Sun 16 Sept 2012 - Access to Albert Street & Phillip Lane



BRIDGE ST - PHILLIP ST CROSSOVER
 Open 4am - 6:50am
 Closed 6:50am - 8am
 Open 8am - 8:30am
 Limited Access 8:30am - 11:50am
 Open 11:50am - 12 Midday
 Road Reopens 12 Midday

Bent St - Shakespeare Pl
 remain as a crossover point till 6:15am

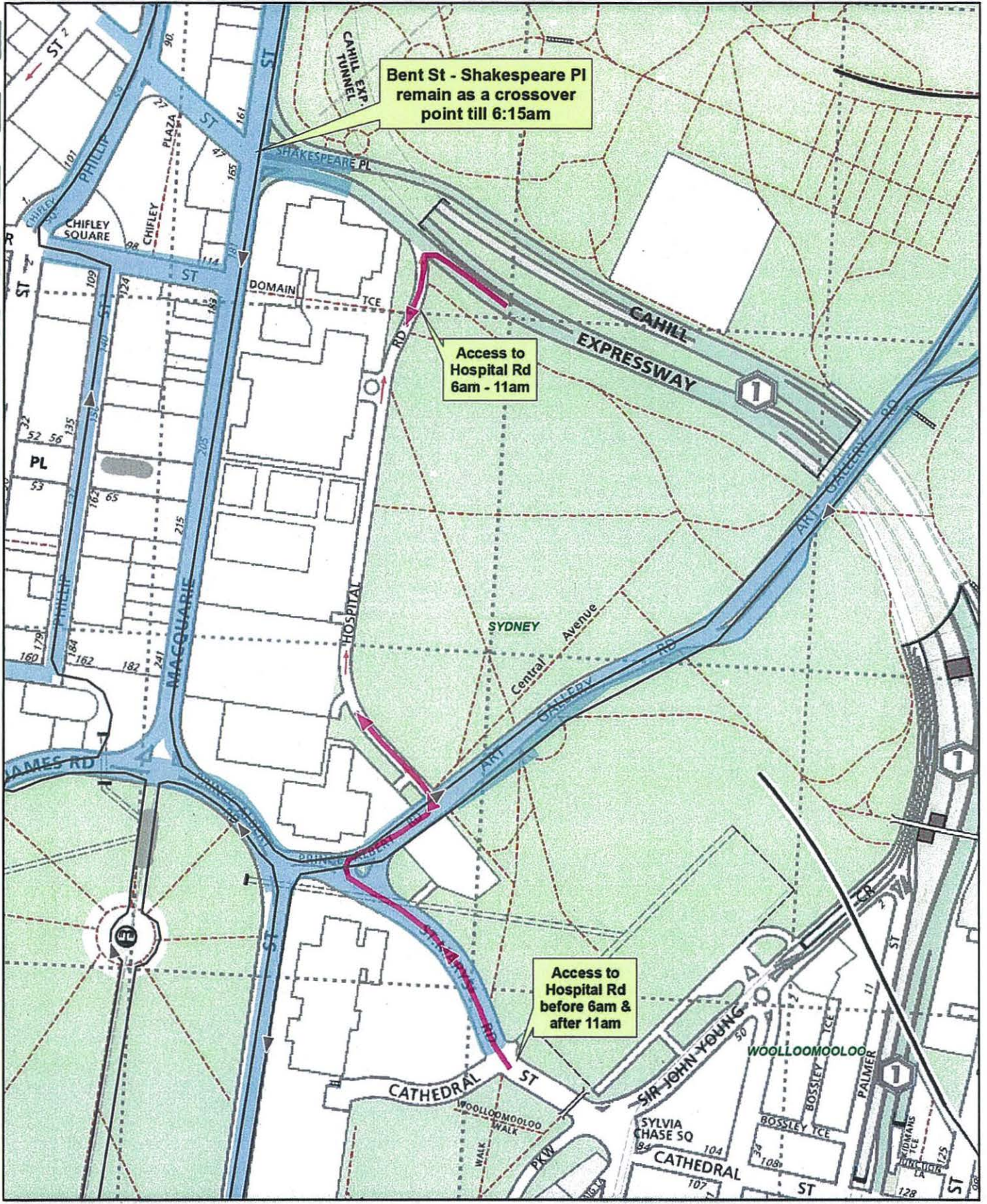
Legend

- Crossover Point
- Road Closure 4am-11am
- Access to Albert St & Phillip Ln
- Road Closure 4am-12 Midday



Sydney Copyright Metway Publishing 2009
 Reproduced from Sydney Edition 14 with permission
 Map by Major Events Section, Transport Management Centre Evolveigh NSW
 Base data © Copyright Metway Publishing 2010
 Date Issued: June 2012
 File: 1102 Projects\ARCCS mmd\Marathon12_A3-BridgeSt-PhillipStAccess.mxd

Sydney Running Festival - Sun 16 Sept 2012 - Access to Sydney Hospital



Legend

- Road Closure 4am-12 Midday
- Marathon Route
- Hospital Rd Access

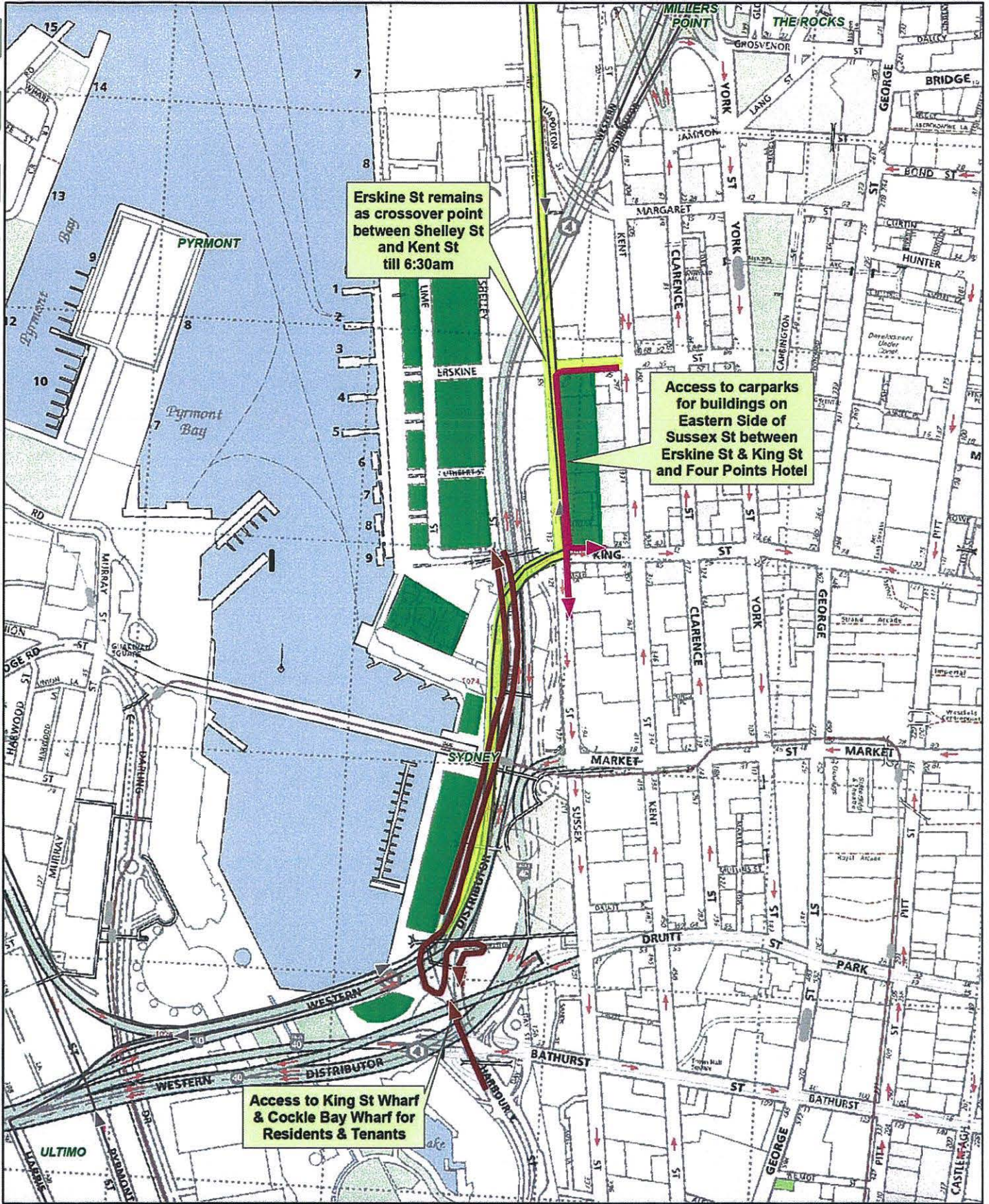


Scale: 0 50 100 200 Meters

Sydney Copyright Mersey Publishing 2010
 Reproduced from Sydney Edition 14 with permission

Map by Major Events Section, Transport Management Centre Eveleigh NSW.
 Base data © Copyright Mersey Publishing 2010.
 Date issued: June 2012.
 File: 1102 Projects\A70031.mxd\Marathon12-AS-HospitalAccess.mxd

Sydney Running Festival - Sun 16 Sept 2012 - Access to King St Wharf & Cockle Bay area



Legend

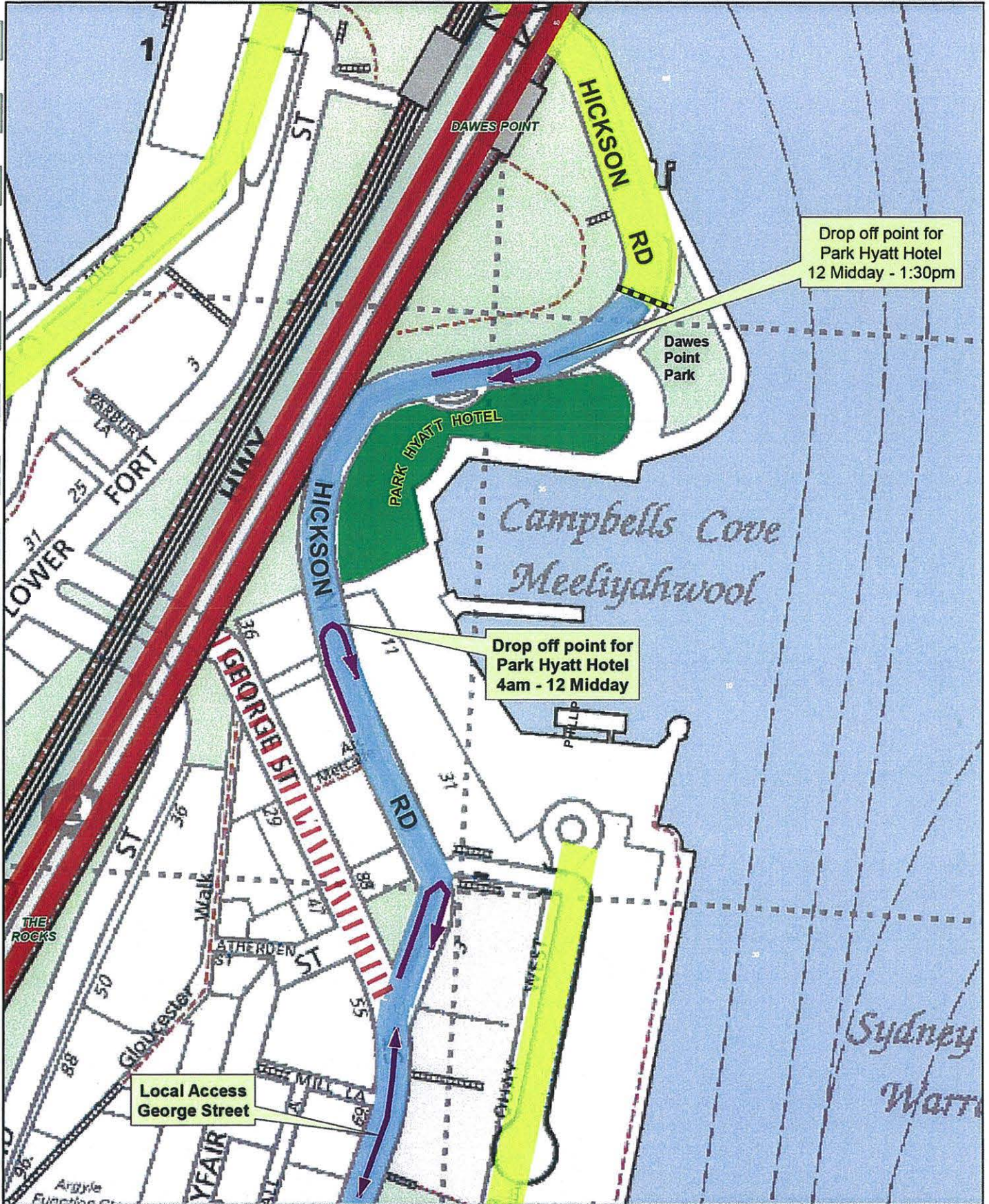
- Wheat Rd access
- Marathon Route
- Building Access on Sussex St & Access to Four Points Hotel
- Areas requiring access
- Road Closure 4am-1:30pm



Sydney Copyright 11 Newey Publishing 2011
 Reproduced from Sydney Edition 14 with permission

Map by Major Events Section, Transport Management Centre Evieleigh NSW
 Base data © Copyright Metway Publishing 2011.
 Date revised: July 2012.
 File: 1102 Projects\ARCOS mcd\Marathon12\AX-KingStWharfAccess.mxd

Sydney Running Festival - Sun 16 Sept 2012 - George St & The Rocks Access



Legend

- Vehicle Direction
- Road Closure 4am-11am
- Road Closure 4am-12 Middy
- Road Closure 4am-1:30pm
- Road Closure - Rocks Markets

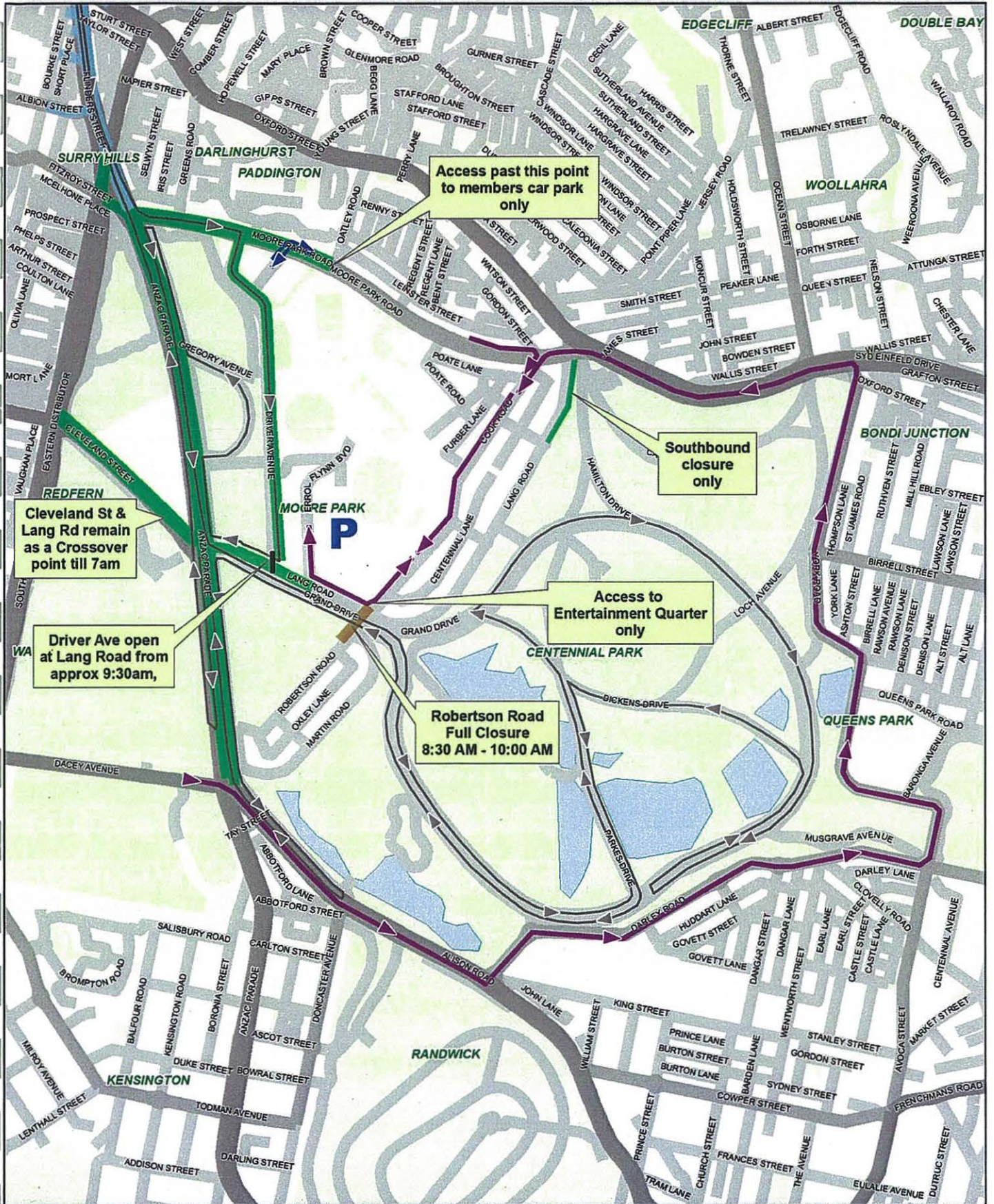


0 25 50 100
metres

Copyright Metway Publishing 2009
Reproduced from Sydney Edition 14 with permission

Map by Major Events Section, Transport Management Centre Eveleigh NSW.
Base data © Copyright Metway Publishing 2011.
Date issued: July 2012
File: 1.9.2 Projects/AROCIS mad/Marathon12-A3-ParkHyattAccess.mxd

Sydney Running Festival - Sun 16 Sept 2012 - Entertainment Quarter Access



Legend	
—	Road Closure 6am-11:30am
—	Road Closure 8:30am - 10:00am
—	Marathon Route
▶	Access to Entertainment Quarter 6am-11:30am
▶	Access to Sydney Football Stadium Gold Members Carpark



Map by Major Events Section, Transport Management Centre Eveleigh NSW.
 Base data © Copyright Land and Property Information Division - Department of Finance & Services.
 Date issued: July 2012.
 File: 19.2 Projects\ARCGIS mxd\Marathon12-AS-EntertainmentQtrAccess.mxd

Sydney Running Festival

16/09/2012

Aaron Gale

Portable VMS

VMS Location	Size	MESSAGES				
VMS 1 Bradfield Hwy (shb), Sydney On median Island South of the toll booth. Locate in the dead lane near the moveable toll booths VMS facing Citybound Traffic	LARGE	01/09 / 0:01 06/09 / 23:59 (Count Down) insert number of days	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 15/09 / 23:59 (< ONE WEEK)	16/09 / 00:01 16/09 / 09:29 (ON THE DAY)	16/09 / 09:30 16/09 / 13:30 (ON THE DAY)
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: BRIDGE CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 2: SYDNEY MARATHON TODAY Frame 3: CBD ROAD CLOSURES
VMS 2 Warringah Freeway Naremburn. Facing Citybound traffic (at the on ramp merge from Willoughby Rd and the Warringah Freeway)	LARGE	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 15/09 / 23:59 (< ONE WEEK)	16/09 / 00:01 16/09 / 10:59 (ON THE DAY)	16/09 / 11:00 16/09 / 13:30 (ON THE DAY)
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: BRIDGE CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: NTH SYD LEFT LANES Frame 2: TUNNEL RIGHT LANES Frame 3: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
VMS 3 Warringah freeway Cammeray Facing Citybound traffic (between West St and Miller St on left grass verge area - NOT on the painted shoulder)	LARGE	Frame 1: MARATHON 15 DAYS TO GO Frame 2: BRIDGE CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: BRIDGE CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
VMS 4 Warringah Freeway North Sydney Facing Citybound traffic Just north of Ridge St pedestrian overpass. Locate on concrete median close to the existing yellow sign	LARGE	Frame 1: MARATHON 15 DAYS TO GO Frame 2: BRIDGE CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: BRIDGE CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: BRIDGE CLOSED 4AM - 11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
VMS 5 Spit Rd Mosman Facing Southbound traffic on the grass at Parriv Rd	LARGE	Frame 1: MARATHON 15 DAYS TO GO Frame 2: BRIDGE CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: BRIDGE CLOSED 4AM - 11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: HARBOUR BR CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: USE TUNNEL 4AM - 11AM	Frame 2: CBD ROAD CLOSURES
VMS 6 Strathallen Ave Northbridge Facing Citybound traffic opposite Cliff Ave on the northern side of the Cammeray suspension bridge	LARGE	Frame 1: MARATHON 15 DAYS TO GO Frame 2: HARBOUR BR CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: USE TUNNEL 4AM - 11AM	Frame 2: CBD ROAD CLOSURES

VMS Location	Size	MESSAGES				
VMS 7 Berry St North Sydney Facing Eastbound traffic Locate at the eastern end of Berry St on the triangular centre median island at Arthur St Intersection. Turn trailer parallel to kerb so the towbar doesn't face on coming traffic	LARGE	Frame 1: MARATHON 15 DAYS TO GO	Frame 1: SYDNEY MARATHON 16 SEPT	Frame 1: SYDNEY MARATHON SUNDAY	Frame 1: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY
VMS 8 High St North Sydney Facing Westbound traffic on High St locate at the Western side of the High St on-ramp, prior to Bridge over Warringah Freeway	LARGE	Frame 2: BRIDGE CLOSED 16 SEPT	Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: BRIDGE CLOSED 4AM-11AM	Frame 2: CBD ROAD CLOSURES
VMS 9 Lavender St North Sydney Facing Eastbound traffic to be placed on the grass footpath area East of Lavendar St / Miller St intersection, is to be placed next to the sign. The VMS must not be placed on the footpath	SMALL	01/09 / 0:01 06/09 / 23:59	07/09 / 0:01 11/09 / 23:59	12/09 / 0:01 16/09 / 05:59	16/09 / 06:01 16/09 / 09:59	16/09 / 10:00 16/09 / 11:00
		Frame 1: MARATHON 15 DAYS TO GO	Frame 1: SYDNEY MARATHON 16 SEPT	Frame 1: SYDNEY MARATHON SUNDAY	Frame 1: SYDNEY MARATHON TODAY	Frame 1: SYDNEY MARATHON SUNDAY
VMS 10 Wattle St Ultimo Facing Northbound Traffic Locate VMS against wall of City of Sydney Council Depot between Macarthur St and William Henry St. When positioning make sure view is maximised for Northbound traffic without blocking footpath for wheel c	SMALL	01/09 / 0:01 06/09 / 23:59	07/09 / 0:01 11/09 / 23:59	12/09 / 0:01 15/09 / 23:59	16/09 / 00:01 16/09 / 10:59	16/09 / 11:00 16/09 / 13:30
		Frame 1: MARATHON 15 DAYS TO GO	Frame 1: SYDNEY MARATHON 16 SEPT	Frame 1: SYDNEY MARATHON SUNDAY	Frame 1: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY
VMS 11 Fig St Ultimo Facing eastbound traffic Locate VMS on southern side of Fig St where footpath meets at Sandstone wall, Locate adjacent to tree.	VERMAC	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 16/09 / 03:59 (< ONE WEEK)	16/09 / 04:00 16/09 / 10:59 (ON THE DAY)	16/09 / 11:00 16/09 / 13:30 (ON THE DAY)
		Frame 1: MARATHON 15 DAYS TO GO	Frame 1: SYDNEY MARATHON 16 SEPT	Frame 1: SYDNEY MARATHON SUNDAY	Frame 1: RAMP CLOSURE AHEAD	Frame 1: RAMP CLOSED 4AM-1:30PM
VMS 12 Alison Rd Randwick Facing Northbound traffic between Doncaster Ave and Anzac Parade.	VERMAC	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 16/09 / 05:59 (< ONE WEEK)	16/09 / 06:01 16/09 / 11:29 (ON THE DAY)	16/09 / 11:30 16/09 / 13:30 (ON THE DAY)
		Frame 1: MARATHON 15 DAYS TO GO	Frame 1: SYDNEY MARATHON 16 SEPT	Frame 1: SYDNEY MARATHON SUNDAY	Frame 1: ANZAC PDE CLOSED AHEAD	Frame 1: SYDNEY MARATHON TODAY
			Frame 2: ALFRED CLOSED 4AM-11AM	Frame 2: ALFRED CLOSED 4AM-11AM	Frame 2: ROAD CLOSED AHEAD	Frame 2: ALFRED CLOSED 4AM-11AM
			Frame 2: HARBOUR BR CLOSED 16 SEPT	Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 2: DETOUR VIA ANZAC BR
			Frame 2: LIVE TRAFFIC .COM	Frame 2: FIG ST ON-RAMP CLOSED	Frame 2: FIG ST ON-RAMP CLOSED	Frame 2: HARBOUR BRIDGE DETOUR→
			Frame 2: ANZAC PDE CLOSED 6-11:30AM	Frame 2: ANZAC PDE CLOSED 6-11:30AM		Frame 2: CBD ROAD CLOSURES

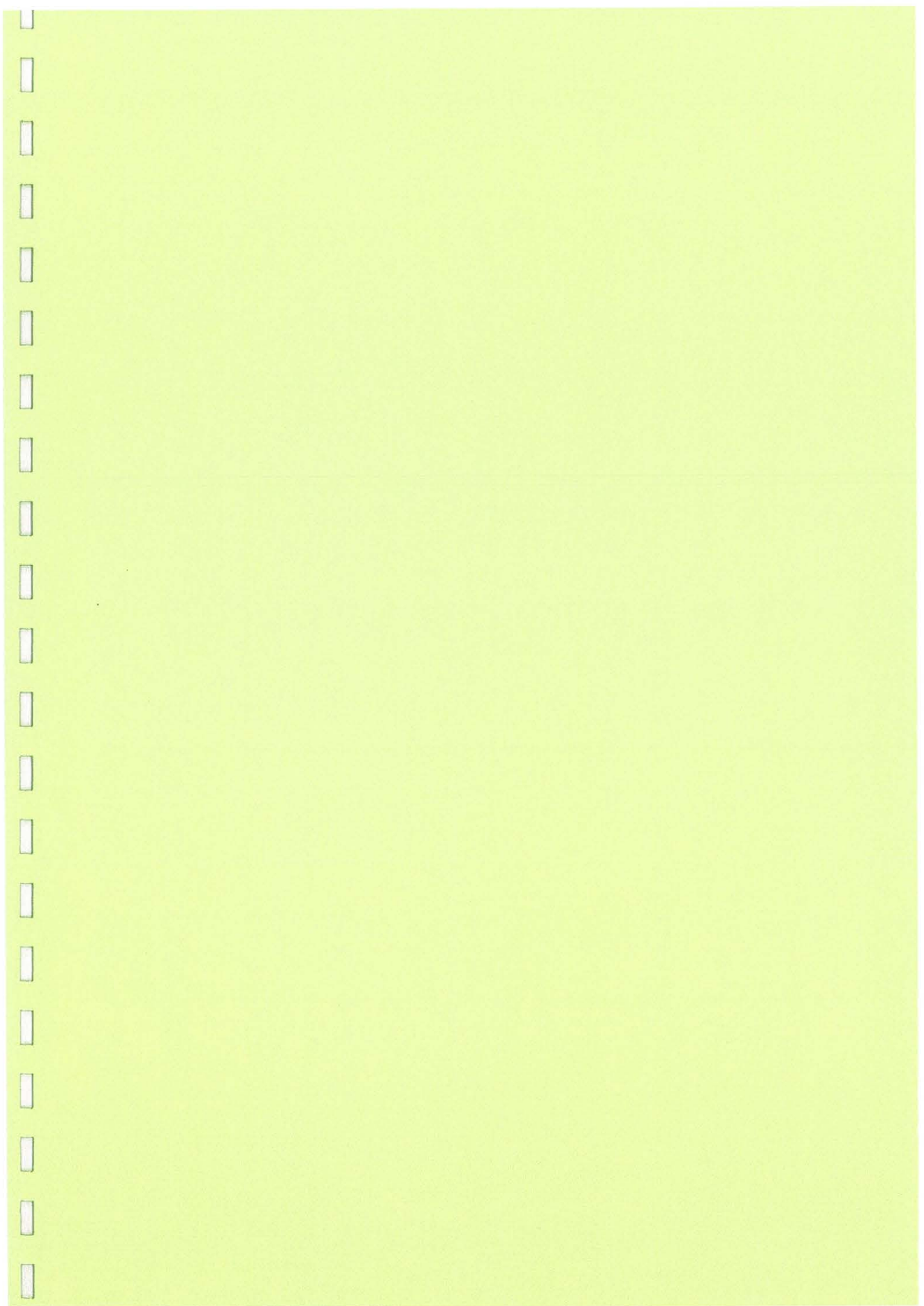
VMS Location	Size	MESSAGES				
VMS 13 Western Distributor on ramp from Kent St & Clarence St facing Northbound traffic Locate at the concrete merge between the northbound traffic from Clarence St and northbound traffic from the Western Distributor *Lower VMS board as low as possible	LARGE	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 15/09 / 23:59 (< ONE WEEK)	16/09 / 00:01 16/09 / 09:30 (ON THE DAY)	16/09 / 09:30 16/09 / 13:30 (ON THE DAY)
		Frame 1: MARATHON 15 DAYS TO GO .	Frame 1: SYDNEY MARATHON 16 SEPT	Frame 1: SYDNEY MARATHON SUNDAY	Frame 1: SYDNEY MARATHON TODAY	Frame 1: SYDNEY MARATHON TODAY
VMS 14 New South Head Rd Rushcutters Bay Facing Citybound traffic locate on grass median opposite Rushcutters Bay Park adjacent to bush	LARGE	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 16/09 / 04:59 (< ONE WEEK)	16/09 / 05:00 16/09 / 11:29 (ON THE DAY)	16/09 / 11:30 16/09 / 12:00 (ON THE DAY)
		Frame 1: MARATHON 15 DAYS TO GO	Frame 1: SYDNEY MARATHON 16 SEPT	Frame 1: SYDNEY MARATHON SUNDAY	Frame 1: SYDNEY MARATHON CLOSURES	Frame 1: SYDNEY MARATHON TODAY
VMS 15 New South Head Rd Edgecliff Facing Citybound traffic Locate on footpath on the western corner of the intersection of Edgecliffe Rd against the wall, adjacent to the traffic signals	VERMAC	Frame 2: LIVE TRAFFIC .COM	Frame 2: CBD ROAD CLOSURES 4AM-1:30PM	Frame 2: CBD ROAD CLOSURES 4AM-1:30PM	Frame 2: ALT CITY VIA TOLL TUNNEL	Frame 2: MACQARIE COLLEGE CLOSED
VMS 16 Oxford St Paddington Facing Westbound traffic approaching Moore Park Rd, East of VMS 39	LARGE	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 16/09 / 03:59 (< ONE WEEK)	16/09 / 04:00 16/09 / 11:29 (ON THE DAY)	16/09 / 11:30 16/09 / 13:00 (ON THE DAY)
		Frame 1: MARATHON 15 DAYS TO GO	Frame 1: MARATHON 16 SEPT 4AM-1:30PM	Frame 1: MARATHON SUNDAY 4AM-1:30PM	Frame 1: MARATHON ROAD CLOSURES	Frame 1: MARATHON TODAY 4AM-1:30PM
VMS 17 Anzac Parade Kensington Facing Northbound Traffic North of Day Ave outside NIDA College	LARGE	Frame 1: MARATHON 15 DAYS TO GO	Frame 1: MARATHON 16 SEPT 4AM-1:30PM	Frame 1: MARATHON SUNDAY 4AM-1:30PM	Frame 1: MARATHON TODAY 4AM-1:30PM	Frame 1: ANZAC PDE CLOSED
		Frame 2: LIVE TRAFFIC .COM	Frame 2: DETOUR DACEY AVE 16 SEPT	Frame 2: DETOUR DACEY AVE SUNDAY	Frame 2: DETOUR VIA WILLIAM	Frame 2: CITY DETOUR DACEY AVE
VMS 18 Oxford St Darlinghurst Facing Eastbound Traffic Locate on the footpath approaching Riley St	SMALL	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 15/09 / 12:59 (< ONE WEEK)	15/09 / 13:00 16/09 / 04:59 (ON THE DAY)	16/09 / 05:00 16/09 / 11:00 (ON THE DAY)
		Frame 1: MARATHON 15 DAYS TO GO	Frame 1: MARATHON 16 SEPT 4AM-1:30PM	Frame 1: MARATHON SUNDAY 4AM-1:30PM	Frame 1: SYDNEY MARATHON SUNDAY	Frame 1: SYDNEY MARATHON TODAY
VMS 19 Oxford St Paddington Facing Citybound Traffic Locate on Western corner of Flinders St outside Courthouse Hotel adjacent to Traffic signals.	LARGE	Frame 2: LIVE TRAFFIC .COM	Frame 2: OXFORD CLOSED 16 SEPT	Frame 2: OXFORD CLOSED SUNDAY	Frame 2: OXFORD ST TOWING FROM 4AM Frame 3: CHECK BEFORE PARKING	Frame 1: SYDNEY MARATHON TODAY Frame 2: FLINDERS ANZAC PD CLOSED Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES AHEAD

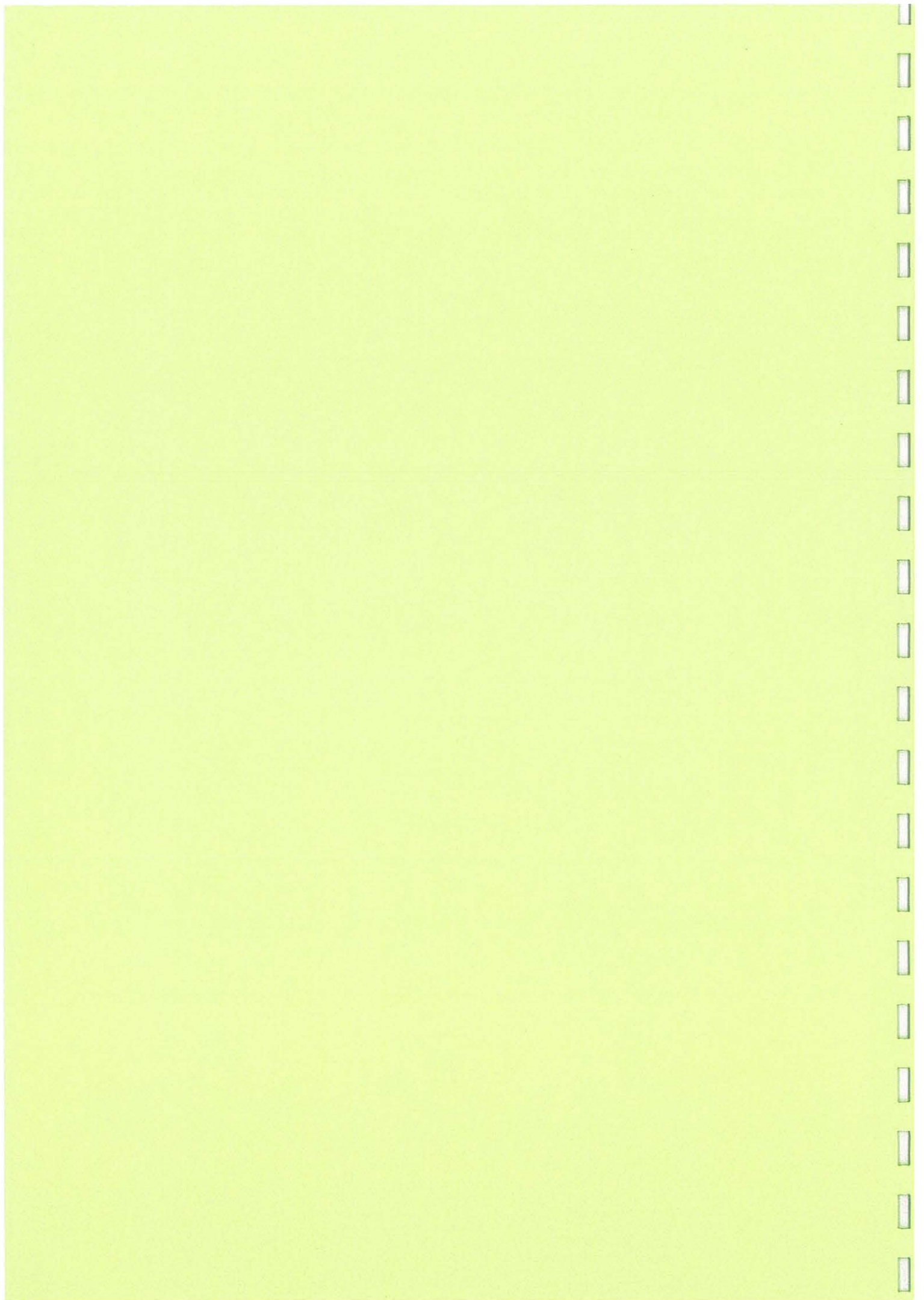
VMS Location	Size	MESSAGES				
VMS 20 City West Link Haberfield Facing Citybound Traffic Locate VMS near Cycle Bridge East of Haberfield Rowers in the last parking space at the city end of the car park	LARGE	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 16/09 / 03:59 (< ONE WEEK)	16/09 / 04:00 16/09 / 10:59 (ON THE DAY)	16/09 / 11:00 16/09 / 1:30 (ON THE DAY)
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: LIVE TRAFFIC .COM	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: NTH SYD VIA VICTORIA RD	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: NTH SYD VIA VICTORIA RD	Frame 1: MARATHON TODAY 4AM-1:30PM Frame 2: NTH SYD VIA VICTORIA RD	Frame 1: SYDNEY MARATHON TODAY Frame 2: KING ST EXIT CLOSED
VMS 21 Miller St Cammeray Facing Southbound traffic. (Locate VMS next to the Warringah Fwy overpass)	LARGE	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 16/09 / 03:59 (< ONE WEEK)	16/09 / 04:01 16/09 / 10:59 (ON THE DAY)	16/09 / 11:00 16/09 / 13:30 (ON THE DAY)
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: HARBOUR BR CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: BRIDGE CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: USE ERNEST & TUNNEL	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
VMS 22 Warringah Rd Roseville Facing Southbound traffic. (Locate VMS East of Babbage Rd)	LARGE	Frame 1: MARATHON 15 DAYS TO GO Frame 2: HARBOUR BR CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: HARBOUR BR CLOSED 4AM-11AM Frame 2: USE ANZAC BRIDGE	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: CBD ROAD CLOSURES	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: CBD ROAD CLOSURES	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: CBD ROAD CLOSURES	Frame 1: HARBOUR BR CLOSED 4AM-11AM Frame 2: CBD ROAD CLOSURES	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
VMS 23 Elizabeth St Sydney Facing Southbound traffic. (On the triangle median on St James Rd)	SMALL	Frame 1: MARATHON 15 DAYS TO GO Frame 2: CBD ROAD CLOSURES	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: CBD ROAD CLOSURES	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: CBD ROAD CLOSURES	Frame 1: HARBOUR BR CLOSED 4AM-11AM Frame 2: CBD ROAD CLOSURES	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: HARBOUR BR CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: HARBOUR BR CLOSED 4AM-11AM Frame 2: USE ANZAC BRIDGE	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
VMS 24 Pittwater Rd Dee Why Approaching Warringah Rd. Facing Southbound traffic. (locate near Stoney Range Flora Reserve)	LARGE	Frame 1: MARATHON 15 DAYS TO GO Frame 2: HARBOUR BR CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: HARBOUR BR CLOSED 4AM-11AM Frame 2: USE ANZAC BRIDGE	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: HARBOUR BR CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: USE ERNEST & TUNNEL	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
VMS 25 Clive St Roseville Chase At Babbage Rd Facing Southbound traffic (locate on the grass median triangle)	LARGE	Frame 1: MARATHON 15 DAYS TO GO Frame 2: HARBOUR BR CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: USE ERNEST & TUNNEL	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: HARBOUR BR CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: USE TUNNEL 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
VMS 26 George St Sydney At Bathurst St Facing Northbound traffic. (locate outside St Andrews Church on the wide footpath, not obstructing ped traffic)	LARGE	Frame 1: MARATHON 15 DAYS TO GO Frame 2: HARBOUR BR CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: USE TUNNEL 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: HARBOUR BR CLOSED 16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: USE TUNNEL 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES

VMS Location	Size	MESSAGES				
VMS 27 Archbold Rd Roseville Approaching Boundary St Facing Southbound traffic	LARGE	Frame 1: MARATHON 15 DAYS TO GO Frame 2: HARBOUR BR CLOSED .16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY Frame 2: CBD ROAD CLOSURES
VMS 28 Prince Albert Rd Botanical Gardens Facing Northbound Traffic Locate near the junction of Hospital Rd, just in front of Stone Statue, at the entry to the Botanical Gardens on the East side of the road DO NOT PLACE EARLIER THAN FRI 7 SEPT	SMALL	No Message	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK) Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: ROAD CLOSED 4AM-12PM	12/09 / 0:01 15/09 / 23:59 (< ONE WEEK) Frame 1: SYDNEY MARATHON SUNDAY Frame 2: ROAD CLOSED 4AM-12PM	16/09 / 00:01 16/09 / 10:30 (ON THE DAY) Frame 1: SYDNEY MARATHON TODAY Frame 2: ROAD CLOSED 4AM-11AM Frame 3: CLEARWAY TOWING FROM 4AM	No Message
VMS 29 York St CBD Facing Southbound Traffic Locate approaching King St In the Barrack St Road Closure	SMALL	01/09 / 0:01 06/09 / 23:59 (Count Down) Frame 1: MARATHON 15 DAYS TO GO	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK) Frame 1: MARATHON 16 SEPT 4AM-1:30PM Frame 2: CDB ROAD CLOSURES 16 SEPT	12/09 / 0:01 15/09 / 23:59 (< ONE WEEK) Frame 1: MARATHON SUNDAY 4AM-1:30PM Frame 2: CDB ROAD CLOSURES SUNDAY	16/09 / 00:01 16/09 / 13:30 (ON THE DAY) Frame 1: MARATHON TODAY 4AM-1:30PM Frame 2: CDB ROAD CLOSURES TODAY	No Message
VMS 30 Cowper Wharf Rd Woolloomooloo Facing Citybound Traffic Locate at Brougham St	VERMAC	01/09 / 0:01 06/09 / 23:59 (Count Down) Frame 1: MARATHON 15 DAYS TO GO Frame 2: LIVE TRAFFIC .COM	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK) Frame 1: MARATHON 16 SEPT 4AM-1:30PM Frame 2: CAHILL CLOSED 16 SEPT	12/09 / 0:01 15/09 / 23:59 (< ONE WEEK) Frame 1: SYDNEY MARATHON SUNDAY Frame 2: CAHILL CLOSED 4AM-11AM	16/09 / 00:01 16/09 / 10:59 (ON THE DAY) Frame 1: SYDNEY MARATHON TODAY Frame 2: CAHILL CLOSED 4AM-11AM	16/09 / 11:00 16/09 / 13:30 (ON THE DAY) Frame 1: MARATHON TODAY 4AM-1:30PM Frame 2: CBD ROAD CLOSURES
VMS 31 Riley St Woolloomooloo Facing Northbound Traffic Locate on the paved island at Cathedral St on the opposite side of the road facing Northbound Traffic	LARGE	Frame 1: MARATHON 15 DAYS TO GO Frame 2: LIVE TRAFFIC .COM	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: CBD ROAD CLOSURES 4AM-1:30PM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: CBD ROAD CLOSURES 4AM-1:30PM	Frame 1: SYDNEY MARATHON TODAY Frame 2: ST MARYS ROAD CLOSED Frame 3: CITY DETOUR AHEAD	Frame 1: MARATHON TODAY 4AM-1:30PM Frame 2: CBD ROAD CLOSURES
VMS 32 Pacific Hwy Artarmon Facing Citybound Traffic Locate on grassed verge outside Kennards on the opposite side of the road to the citybound Traffic	LARGE	01/09 / 0:01 06/09 / 23:59 (Count Down) Frame 1: MARATHON 15 DAYS TO GO	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK) Frame 1: HARBOUR BR CLOSED 16 SEPT Frame 2: OVERSIZE	12/09 / 0:01 15/09 / 23:59 (< ONE WEEK) Frame 1: HARBOUR BR CLOSED SUNDAY Frame 2: OVERSIZE	16/09 / 00:01 16/09 / 10:59 (ON THE DAY) Frame 1: HARBOUR BR CLOSED 4AM-11AM Frame 2: OVERSIZE	16/09 / 11:00 16/09 / 13:30 (ON THE DAY) Frame 1: MARATHON TODAY 4AM-1:30PM

VMS Location	Size	MESSAGES				
VMS 33 Military Rd Neutral Bay Facing Westbound Traffic Locate near Bent St on grass outside car yard	SMALL	Frame 2: LIVE TRAFFIC .COM	Frame 2: DANGEROUS GOODS	Frame 3: DANGEROUS GOODS	Frame 3: DANGEROUS GOODS	Frame 2: CBD ROAD CLOSURES
		01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 15/09 / 23:59 (< ONE WEEK)	16/09 / 00:01 16/09 / 04:59 (ON THE DAY)	16/09 / 05:00 16/09 / 10:59 (ON THE DAY)
VMS 34 Warringah Fwy Crows Nest Facing Southbound Traffic Locate on median merge between Citybound ramp from Brook St overpass	LARGE	Frame 1: MARATHON 15 DAYS TO GO Frame 2: LIVE TRAFFIC .COM	Frame 1: HARBOUR BR CLOSED 16 SEPT Frame 2: OVERSIZE DANGEROUS GOODS Frame 3: DETOUR GLADES- VILLE BR	Frame 1: HARBOUR BR CLOSED SUNDAY Frame 2: OVERSIZE DANGEROUS GOODS Frame 3: DETOUR GLADES- VILLE BR	Frame 1: HARBOUR BR CLOSED 4AM-11AM Frame 2: OVERSIZE DANGEROUS GOODS Frame 3: DETOUR GLADES- VILLE BR	Frame 1: OVERSIZE DANGEROUS GOODS Frame 2: NO ENTRY BRIDGE- TUNNEL Frame 3: USE LEFT NTH SYD EXIT
VMS 35 Wattle St Ultimo Facing Northbound Traffic Locate North of Quarry St signals outside Wentworth Park on the concrete area at the unused entry area to Wentworth Park	VERMAC	Frame 1: MARATHON 15 DAYS TO GO Frame 2: LIVE TRAFFIC .COM	Frame 1: HARBOUR BR CLOSED 16 SEPT Frame 2: OVERSIZE DANGEROUS GOODS Frame 3: DETOUR VIA ANZAC BR	Frame 1: HARBOUR BR CLOSED SUNDAY Frame 2: OVERSIZE DANGEROUS GOODS Frame 3: DETOUR VIA ANZAC BR	Frame 1: HARBOUR BR CLOSED 4AM-11AM Frame 2: OVERSIZE DANGEROUS GOODS Frame 3: DETOUR VIA ANZAC BR	Frame 1: HARBOUR BR CLOSED 4AM-11AM Frame 2: OVERSIZE DANGEROUS GOODS Frame 3: DETOUR VIA ANZAC BR
VMS 36 Southern Cross Drive Rosebery Facing Northbound Traffic Locate on rectangular concrete path section, just before the left turn slip bay	LARGE	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 16/09 / 03:59 (< ONE WEEK)	16/09 / 04:00 16/09 / 11:59 (ON THE DAY)	16/09 / 11:59 16/09 / 13:00 (ON THE DAY)
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: LIVE TRAFFIC .COM	Frame 1: MARATHON 16 SEPT 4AM-1:30PM Frame 2: CBD ROAD CLOSURES 16 SEPT	Frame 1: MARATHON SUNDAY 4AM-1:30PM Frame 2: CBD ROAD CLOSURES SUNDAY	Frame 1: MARATHON TODAY 4AM-1:30PM Frame 2: TO CITY USE CLEVELAND	Frame 1: MARATHON TODAY 4AM-1:30PM Frame 2: CBD ROAD CLOSURES
VMS 37 Hickson Rd Millers Point Face so the camera is the closest possible to the road and has vision in both directions on Hickson Rd	VERMAC	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 15/09 / 23:59 (< ONE WEEK)	16/09 / 00:01 16/09 / 13:30 (ON THE DAY)	No Message
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: LIVE TRAFFIC .COM	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: HICKSON CLOSED 4AM-1:30PM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: HICKSON CLOSED 4AM-1:30PM	Frame 1: SYDNEY MARATHON TODAY Frame 2: HICKSON CLOSED 4AM-1:30PM	
VMS 38 Syd Einfeld Drive Bondi Junction Facing Westbound traffic. Locate VMS on the grass median next to the pedestrian overpass.	LARGE	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 16/09 / 03:59 (< ONE WEEK)	16/09 / 04:00 16/09 / 13:30 (ON THE DAY)	No Message
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: LIVE TRAFFIC .COM	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: MOORE PK OXFORD ST CLOSED	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: MOORE PK OXFORD ST CLOSED	Frame 1: MOORE PK OXFORD ST CLOSED Frame 2: CITY DETOUR OCEAN ST	

VMS Location	Size	MESSAGES				
VMS 39 Oxford St Paddington Facing Westbound traffic approaching Moore Park Rd, East of the Bus Shelter on grass footpath	SMALL	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 16/09 / 03:59 (< ONE WEEK)	16/09 / 04:00 16/09 / 13:30 (ON THE DAY)	No Message
		Frame 1: MARATHON 15 DAYS TO GO	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: MOORE PK OXFORD ST CLOSED	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: LANG RD ANZAC PDE CLOSED	Frame 1: ENT. QUARTER PARKING Frame 2: USE MOORE PARK RD & COOK ST	
VMS 40 Oxford St Paddington Facing eastbound Traffic Locate on footpath approaching Moore park rd intersection	SMALL	No Message	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 16/09 / 06:59 (< ONE WEEK)	16/09 / 07:00 16/09 / 11:29 (ON THE DAY)	No Message
			Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: CITY VIA WILLIAM STREET	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: CITY VIA WILLIAM ST 4AM-11:30	Frame 1: ENT. QUARTER PARKING Frame 2: USE MOORE PARK RD & COOK ST	
VMS 41 Park St Sydney Facing Westbound traffic west of College St of Hyde Park Stairs)	SMALL	06/09 / 0:01 09/09 / 21:59	09/09 / 22:00 16/09 / 20:00	No Message	No Message	No Message
		Frame 1: PARK ST CLSD SUN 7PM-4AM	Frame 1: BRIDGE CLEARANCE 5.2m			
VMS 42 Park St Sydney Facing eastbound traffic east of Elizabeth St of Hyde Park Stairs)	SMALL	06/09 / 0:01 09/09 / 21:59	09/09 / 22:00 16/09 / 20:00	No Message	No Message	No Message
		Frame 1: PARK ST CLSD SUN 7PM-4AM	Frame 1: BRIDGE CLEARANCE 5.2m			
SUPPLIED BY DAVID NOLAN (COATES DO NOT SUPPLY)					16/09 / 6AM 16/09 / 10:59AM (ON THE DAY)	16/09 / 11AM 16/09 / 12PM (ON THE DAY)
VMS 43 St Mary's Rd Sydney Face VMS at Westbound traffic. Locate on the road in lane 2 behind the barrier. Refer to TCP 23	TRAILER VMS				Frame 1: NO THRU ROAD Frame 2: CARPARK ACCESS ONLY	Frame 1: NO THRU ROAD Frame 2: GARDENS & HOSPITAL ROAD ONLY
VMS 44 Princes Hwy Tempe Facing Northbound traffic (western side) on the northern side of Cooks River Bridge between Brodie Spark Drive and Cooks Bridge.	LARGE	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 16/09 / 03:59 (< ONE WEEK)	16/09 / 04:00 16/09 / 13:30 (ON THE DAY)	No Message
		Frame 1: MARATHON 15 DAYS TO GO	Frame 1: MARATHON 16 SEPT 4AM-1:30PM Frame 2: CDB ROAD CLOSURES 16 SEPT	Frame 1: MARATHON SUNDAY 4AM-1:30PM Frame 2: CDB ROAD CLOSURES SUNDAY	Frame 1: MARATHON TODAY 4AM-1:30PM Frame 2: CDB ROAD CLOSURES TODAY	
VMS 45 Sir John Young Cres, W'mooloo Facing Southbound traffic, with camera looking up and down Sir John Young Cres. On the median island after the Crown St and Sir John Young Crescent roundabout.	LARGE VERMAC WITH CAMERA	01/09 / 0:01 06/09 / 23:59 (Count Down)	07/09 / 0:01 11/09 / 23:59 (>ONE WEEK)	12/09 / 0:01 15/09 / 23:59 (< ONE WEEK)	16/09 / 00:01 16/09 / 10:59 (ON THE DAY)	16/09 / 11:00 16/09 / 13:30 (ON THE DAY)
		Frame 1: MARATHON 15 DAYS TO GO Frame 2: LIVE TRAFFIC .COM	Frame 1: SYDNEY MARATHON 16 SEPT Frame 2: CBD ROAD CLOSURES 4AM-1:30PM	Frame 1: SYDNEY MARATHON SUNDAY Frame 2: CBD ROAD CLOSURES 4AM-1:30PM	Frame 1: SYDNEY MARATHON TODAY Frame 2: ST MARYS ROAD CLOSED Frame 3: CITY DETOUR ←	Frame 1: MARATHON TODAY 4AM-1:30PM Frame 2: CBD ROAD CLOSURES





On the day Permanent VMS messages Sydney Running festival

VMS 7307_0004_W	William St	VMS City of Sydney; William St (W)	128	9	Sept	22:00	16	Sept	20:00	PARK ST TEMPORARY BRIDGE CLEARANCE 5.2M	
VMS_0165_0906_N	Western Distributor	VMS Sydney; Western Distributor (N); north of King St Pedestrian Bridge	119	16	Sept	00:01	16	Sept	04:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0001_0702_S	Princes Hwy	VMS Kogarah; Princes Hwy (S); 50m before Rocky Point Rd	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0001_0703_S	Princes Hwy	VMS Blakehurst; Princes Hwy (S); 300m before Tom Uglis Bdge	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0001_0706_W	Princes Hwy	VMS Kirrawee; Princes Hwy (W); 80m east of Oak Road	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0001_0708_S	Princes Hwy	VMS Tempe; Princes Hwy (S); 1100m north of M5E Mwy	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0002_2201_W	Liverpool Rd	VMS Strathfield; Liverpool Rd (W); 800m east of Roberts Rd	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0005_0556_W	Great Western hwy	VMS Rooty Hill; Great Western Hwy (W); appr Western Orbital (M7 19)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0005_0607_W	Parramatta Rd	VMS Auburn; Parramatta Rd (W); 600 m east of Silverwater Rd	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0010_0078_N	Pacific Hwy	VMS Crows Nest; Pacific Hwy (N); 280m south of Falcon St	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM

1

VMS_0010_1503_N	Pacific Hwy	VMS Wahroonga; Pacific Hwy (N); 60m north of Munderah St	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0010_1521_N	Pacific Hwy	VMS Berowra; Pacific Hwy (N); 500m south of Windy Banks Interchange	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0010_1531_N	Pacific Hwy	VMS Chatswood; Pacific Hwy (N); 750m south of Fullers Rd	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0013_0801_S	Cumberland Hwy / Emert St	VMS Wentworthville; Emert St (S); 700m north of Great Western Hwy	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0013_0803_N	Pennant Hills Rd	VMS Normanhurst; Pennant Hills Rd (N); 100 m south of Jasmine Rd	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0013_0804_N	Betts Rd	VMS Woodpark; Betts Rd (N); 200m south of Woodpark Rd	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0013_0806_S	Jersey Rd	VMS Greystanes; Jersey Rd (S); 150m north of Merrylands Rd	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0013_1601_E	James Ruse Dr	VMS Parramatta; James Ruse Dr (E); 600m west of Pennant Hills Rd	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0030_3007_W	Central Coast Hwy	VMS Kariiong; Central Coast Hwy (W); 1.2km east of F3 Fwy	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0162_0407_S	Lane Cove Rd	VMS Ryde; Lane Cove Rd (S); 450m north of Devlin St	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0165_0901_W	Victoria Rd	VMS Drummoyne; Victoria Rd (W); east of Gladesville Bridge	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0166_0020_N	Burns Bay Rd	VMS Lane Cove; Burns Bay Rd (N); 160m south of Penrose St	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM

2

VMS_0167_0305_W	Canterbury Rd	VMS Campsie; Canterbury Rd (W); 215m east of Bexley Rd	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0169_6901_N	Bexley Rd	VMS Bexley; Bexley Road (N); 200m south of M5E onramp	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0169_6902_S	Bexley Rd	VMS Bexley; Bexley Road (S); 200m north of M5E overpass	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0190_0192_S	Alfords Point Rd	VMS Alfords Point; Alfords Points Road (S); 660m south of Alfords Points Bridge	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0194_0101_S	General Holmes Dr	VMS Kyeemagh; General Holmes Dve (S); 200m north of Bestic St	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0194_9430_S	General Holmes Dr	VMS Botany; Gen. Holmes Dv; at Jn. S Cross Drive	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0200_0301_S	King Georges Rd	VMS Narwee; King Georges Rd (S); 700m north of M5 on-ramp	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0200_1201_S	King Georges Rd	VMS Hurstville; King Georges Rd (S); 300m before Forest Rd	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0227_2271_N	Kingsway	VMS Caringbah; Kingsway (N); near Caringbah Railway Stn	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0373_0032_W	Epping Rd	VMS Lane Cove West; Epping Rd (W); 50m east of Centennial Ave	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0512_0303_S	Heathcote Road	VMS Moorebank; Heathcote Rd (S); 300m northwest of M5 Mwy	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM

3

VMS_0635_0635_N	Old Windsor Rd	VMS Bella Vista; Old Windsor Rd (N); south of Nonwest Blvd (M7 33)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0635_0637_S	Old Windsor Rd	VMS Bella Vista; Old Windsor Rd (S); north of Western Orbital (M7 32)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0651_0062_W	Gore Hill Fwy	VMS Naremburn; Gore Hill Fwy (W); 1200m east of Hampden Rd Overpass	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0651_0072_N	Warringah Fwy	VMS Cammeray; Warringah Fwy (N); 30m south of Ernest St overpass	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0651_0084_N	Warringah Fwy	VMS North Sydney; Warringah Fwy (N); 600m south of Falcon St exit ramp	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6003_3001_N	F3	VMS Wahroonga; F3 (N)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6003_3002_N	F3	VMS Mt. Kuring-Gai; F3 (N)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6003_3003_N	F3	VMS Brooklyn; F3 (N)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6003_3005_S	F3	VMS Mt. White; F3 (S)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6003_3006_S	F3	VMS South Kariong; F3 (S)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6003_3008_S	F3	VMS Somersby; F3 (S)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6003_3009_N	F3	VMS Mooney Mooney; F3 Fwy (N); 500m north of Hawkesbury Interchange	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM

4

VMS_6003_3014_S	F3	VMS Berowra; F3 Fwy (S); 890m north of Berowra offramp	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6003_3021_S	F3	VMS Mt Colah; F3 Fwy (S); 2km north of Mt Colah Interchange	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6004_0505_E	M4	VMS Eastern Creek; M4 (E); 1000m west of Reservoir Rd Exit	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6004_4901_W	M4	VMS Minchinbury; M4 (W); approaching Western Orbital interchange (M7 17)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6004_4902_W	M4	VMS Holroyd; M4 Mwy (W); 830 m east of Burnett St	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6004_4903_E	M4	VMS Penrith; M4 Mwy (E); 1020m west of The Northern Rd	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6009_9003_S	M7	VMS Hoxton Park; Western Orbital (S); south of Hoxton Park Rd (M7 37)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6009_9004_N	M7	VMS Cecil Park; Western Orbital (N); before Cowpasture Rd offramp (M7 38)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6009_9006_N	M7	VMS Cecil Park; Western Orbital (N); before Elizabeth Dr offramp (M7 40)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6009_9007_S	M7	VMS Cecil Park; Western Orbital (S); before Elizabeth Dr offramp (M7 41)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6009_9009_S	M7	VMS Horsley Park; Western Orbital (S); before The Horsley Dr offramp (M7 43)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM

5

VMS_6009_9012_N	M7	VMS Minchinbury; Western Orbital (N) before; M4 offramp (M7 46)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6009_9013_S	M7	VMS Minchinbury; Western Orbital (S) before; M4 offramp (M7 47)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6009_9016_S	M7	VMS Glendenning; Western Orbital (S); north of Lamb St. (M7 50)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6009_9017_N	M7	VMS Colebee; Western Orbital (N); before Richmond Rd (M7 51)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6009_9019_S	M7	VMS Quakers Hill; Western Orbital (S); before Quakers Hill interchange (M7 53)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_6009_9021_S	M7	VMS Kings Park; Western Orbital (S); before Sunnyholt Rd (M7 55)	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_7464_0080_N	Miller St	VMS North Sydney; Miller St (N); 270m south of Falcon St	119	16	Sept	00:01	16	Sept	07:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0171_1403_N	Anzac Pde	VMS Moore Park; Anzac Parade (N); 350m north of Dacey Ave	122	16	Sept	00:01	16	Sept	10:00	SYDNEY MARATHON TODAY EXPECT DELAYS	ANZAC PDE CLOSED TODAY 6AM - 11:30AM
VMS_0001_0705_E	Princes Hwy	VMS Kirrawee; Princes Hwy (E) : 442m west of The Kingsway	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0001_0701_N	Princes Hwy	VMS Blakehurst; Princes Hwy (N); 1100m S of King Georges Rd	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0001_0707_N	Princes Hwy	VMS Heathcote; Princes Hwy (N); 1750 south of Heathcote Rd	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0005_0805_E	Parramatta Rd	VMS Granville; Parramatta Rd (E); 1100m west of James Ruse Drive	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM

6

VMS_0010_0044_S	Pacific Hwy	VMS Chatswood; Pacific Hwy (S); 480m north of Fullers Rd	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0010_1501_S	Pacific Hwy	VMS Roseville; Pacific Hwy (S); 300m north of Boundary St	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0010_1502_S	Pacific Hwy	VMS Pymble; Pacific Hwy (S); 500m north of Mona Vale Rd	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0010_1522_S	Pacific Hwy	VMS Berowra; Pacific Hwy (S); 560m north of Windy Banks Interchange	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0013_0802_S	Pennant Hills Rd	VMS Beecroft; Pennant Hills Rd (S); 335m south of Thompsons Corner	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0139_0406_S	Blaxland Rd	VMS West Ryde; Blaxland Rd (S); 380m north of Devlin St	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0162_0011_S	Ryde Rd	VMS Macquarie Park; Lane Cove Rd (S); 450m north of M2 underpass	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0162_0605_N	Lane Cove Rd	VMS North Ryde; Lane Cove Rd (N); 700m south of Epping Rd	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0164_1644_S	Burnt Bridge Creek	VMS Balgowlah; Burnt Bridge Creek Rd (S); 500m north of Sydney Rd	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0165_0009_E	Anzac Bridge	VMS City of Sydney - Anzac Bridge (E)	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0165_0903_W	Victoria Rd	VMS Ryde; Victoria Rd (W); 400m east of Church St	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0165_1203_E	Victoria Rd	VMS Ryde; Victoria Rd (E); 800m west of Devlin St	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM

7

VMS_0165_1205_E	Victoria Rd	VMS Rozelle; Victoria Rd (E); 500m west of The Crescent	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0165_1206_E	Victoria Rd	VMS Henley; Victoria Rd; 690m west of Burns Bay Rd Exit	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0167_0302_E	Canterbury Rd	VMS Wiley Park; Canterbury Rd (E); 350m west of King Georges Rd	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0190_0608_S	Silverwater Rd	VMS Silverwater; Silverwater Rd (S); 550 m north of M4 Mwy	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0200_0403_S	Centenary Dr	VMS Strathfield; Centenary Dr (S); 700m north of Liverpool Rd	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0200_0404_S	Homebush Bay Dr	VMS Homebush; Homebush Bay Dr (S); 400m north of M4 on-ramp	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0200_0405_N	Homebush Bay Dr	VMS Rhodes; Homebush Bay Dr (N); 200m south of Oulton Ave (IKEA Centre)	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0200_0602_N	Church St	VMS Rhodes; Church St (N); 1400m south of Victoria Rd	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0200_0604_N	King Georges Rd	VMS Nanvee; King Georges Rd (N); 573m south of M5 on-ramp	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0200_0606_N	Centenary Dr	VMS Homebush; Centenary Dr (N); 1400m south of M4 on-ramp	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS_0373_0002_E	Epping Rd	VMS Macquarie Park; Epping Rd (E); 900m west of Lane Cove Rd	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM

8

VMS 0373 0040 E	Longueville Rd	VMS Lane Cove; Longueville Rd (E); 250m west of Pacific Hwy	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS 0592 0003 W	Shakespeare Pl	VMS City of Sydney - Shakespeare Place (W)	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS 0592 0520 W	Cahill Expressway	VMS The Rocks; Cahill Expressway (W); at Cumberland Street; (Map C N7)	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS 0650 0902 E	City West Link	VMS Lilyfield; City West Link (E); 330m west of The Crescent	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS 0651 0066 S	Warringah Fwy	VMS Cammeray; Warringah Fwy (S); 10m west of West St Overpass	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS 6005 1706 E	M5	VMS Narwee; M5 (E); 1000m west of King Georges Rd exit	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS 7300 0008 N	George St	VMS City of Sydney; George St (N)	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS 7311 3117 W	Cowper Wharf Rd	VMS Woollomooloo; Cowper Wharf Rd (W); at Lincoln Cres; (236H9)	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS 9126 1269 N	Sir John Young Cr	VMS Woollomooloo; Sir John Young Cres (N); at Crown St; (236G10)	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS 9129 1299 N	Crown St	VMS Woollomooloo; Crown St (N); 50m south of Sir John Young Cres; (236G11)	119	16	Sept	00:01	16	Sept	11:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	HARBOUR BRIDGE CAHILL EXP CLOSED TODAY 4AM - 11AM
VMS 0010 0046 S	Pacific Hwy	VMS Chatswood; Pacific Hwy (S); 300m north of Mowbray Rd	121	16	Sept	00:01	16	Sept	11:00	HARBOUR BRIDGE CLOSED TODAY 4AM - 11AM	OVERSIZE AND DANGEROUS GOODS USE GLADESVILLE BR
VMS 0373 0010 E	Epping Rd	VMS Macquarie Park; Epping Rd (E); 400m west of Delhi Rd	121	16	Sept	00:01	16	Sept	11:00	HARBOUR BRIDGE CLOSED TODAY 4AM - 11AM	OVERSIZE AND DANGEROUS GOODS USE GLADESVILLE BR
VMS 0373 0030 E	Epping Rd	VMS Lane Cove West; Epping Rd (E); 400m west of Centennial Ave	121	16	Sept	00:01	16	Sept	11:00	HARBOUR BRIDGE CLOSED TODAY 4AM - 11AM	OVERSIZE AND DANGEROUS GOODS USE GLADESVILLE BR

9

VMS 0617 9419 N	Foreshore Rd	VMS Kyeemagh; Foreshore Rd (N); approaching Gen. Holmes Dr	121	16	Sept	00:01	16	Sept	11:00	HARBOUR BRIDGE CLOSED TODAY 4AM - 11AM	OVERSIZE AND DANGEROUS GOODS USE GLADESVILLE BR
VMS 0651 0068 S	Warringah Fwy	VMS Cammeray; Warringah Fwy (S); 370m north of Falcon St	121	16	Sept	00:01	16	Sept	11:00	HARBOUR BRIDGE CLOSED TODAY 4AM - 11AM	OVERSIZE AND DANGEROUS GOODS USE GLADESVILLE BR
VMS 7083 0006 N	Elizabeth St	VMS City of Sydney; Elizabeth St (N)	123	16	Sept	00:01	16	Sept	12:00	SYDNEY MARATHON CBD ROAD CLOSURES TODAY	COLLEGE/MACQUARIE CLOSED 4AM - 12MIDDAY
VMS 7310 0005 W	Oxford St	VMS City of Sydney; Oxford St (W)	120	16	Sept	00:01	16	Sept	12:00	SYDNEY MARATHON CBD ROAD CLOSURES EXPECT DELAYS	OXFORD / COLLEGE CLOSED TODAY 4AM - 12 MIDDAY
VMS 0001 0704 N	Princes Hwy	VMS Sylvania; Princes Hwy (N); 150m after Port Hacking Rd	124	16	Sept	00:01	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS 0005 0007 E	Broadway	VMS City of Sydney; Broadway (E)	124	16	Sept	00:01	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS 0165 0001 S	York St	VMS City of Sydney; York St (S)	124	16	Sept	00:01	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS 0165 0904 W	Western Distributor	VMS Pyrmont; Western Distributor (W); 500m east of Pyrmont Bridge Rd	124	16	Sept	00:01	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS 0194 0104 N	General Holmes Dr	VMS Kyeemagh; General Holmes Dr (N); Corner of ODea Ave	124	16	Sept	00:01	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS 0200 0304 N	Roberts Rd	VMS Greenacre; Roberts Rd (N); 930m south of Liverpool Rd	124	16	Sept	00:01	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS 0592 0105 N	Southern Cross Dr	VMS Alexandria; Southern Cross Dr (N); 300m north of Travilian Av Overbridge	124	16	Sept	00:01	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS 0593 0106 S	Southern Cross Dr	VMS Mascot; Southern Cross Drive (S); 50m north of Gardeners Road	124	16	Sept	00:01	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS 6003 3004 S	F3	VMS Brooklyn; F3 (S)	124	16	Sept	00:01	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS

10

VMS_0010_1521_N	Pacific Hwy	VMS Berowra; Pacific Hwy (N); 500m south of Windy Banks Interchange	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0010_1531_N	Pacific Hwy	VMS Chatswood; Pacific Hwy (N); 750m south of Fullers Rd	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0013_0801_S	Cumberland Hwy / Emert St	VMS Wentworthville; Emert St (S); 700m north of Great Western Hwy	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0013_0803_N	Pennant Hills Rd	VMS Normanhurst; Pennant Hills Rd (N); 100 m south of Jasmine Rd	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0013_0804_N	Betts Rd	VMS Woodpark; Betts Rd (N); 200m south of Woodpark Rd	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0013_0806_S	Jersey Rd	VMS Greystanes; Jersey Rd (S); 150m north of Merrylands Rd	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0013_1601_E	James Ruse Dr	VMS Parramatta; James Ruse Dr (E); 600m west of Pennant Hills Rd	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0030_3007_W	Central Coast Hwy	VMS Kariong; Central Coast Hwy (W); 1.2km east of F3 Fwy	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0162_0407_S	Lane Cove Rd	VMS Ryde; Lane Cove Rd (S); 450m north of Devlin St	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0165_0901_W	Victoria Rd	VMS Drummoyne; Victoria Rd (W); east of Gladesville Bridge	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0166_0020_N	Burns Bay Rd	VMS Lane Cove; Burns Bay Rd (N); 160m south of Penrose St	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0167_0305_W	Canterbury Rd	VMS Campsie; Canterbury Rd (W); 215m east of Bexley Rd	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0169_6901_N	Bexley Rd	VMS Bexley; Bexley Road (N); 200m south of M5E onramp	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD

11

VMS_0169_6902_S	Bexley Rd	VMS Bexley; Bexley Road (S); 200m north of M5E overpass	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0190_0192_S	Alfords Point Rd	VMS Alfords Point; Alford Points Road (S); 660m south of Alford Points Bridge	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0194_0101_S	General Holmes Dr	VMS Kyeemagh; General Holmes Dve (S); 200m north of Bestic St	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0194_9430_S	General Holmes Dr	VMS Botany; Gen. Holmes Dv; at Jn. S Cross Drive	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0200_0301_S	King Georges Rd	VMS Narwee; King Georges Rd (S); 700m north of M5 on-ramp	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0200_0402_S	Concord Rd	VMS Rhodes; Concord Rd (S); 629m north of Homebush Bay Dr	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0200_1201_S	King Georges Rd	VMS Hurstville; King Georges Rd (S); 300m before Forest Rd	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0227_2271_N	Kingsway	VMS Caringbah; Kingsway (N); near Caringbah Railway Stn	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0373_0032_W	Epping Rd	VMS Lane Cove West; Epping Rd (W); 50m east of Centennial Ave	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0512_0303_S	Heathcote Road	VMS Moorebank; Heathcote Rd (S); 300m northwest of M5 Mwy	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0535_0535_E	Elizabeth Dr	VMS Cecil Park; Elizabeth Drive (E); West Walgrove Interchange (M7 10)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS_0535_0536_W	Elizabeth Dr	VMS Cecil Park; Elizabeth Drive (W); East Walgrove Interchange (M7 11)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD

12

VMS 0635 0635 N	Old Windsor Rd	VMS Bella Vista; Old Windsor Rd (N); south of Norwest Blvd (M7 33)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 0635 0637 S	Old Windsor Rd	VMS Bella Vista; Old Windsor Rd (S); north of Western Orbital (M7 32)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 0651 0062 W	Gore Hill Fwy	VMS Naremburn; Gore Hill Fwy (W); 1200m east of Hampden Rd Overpass	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 0651 0072 N	Warringah Fwy	VMS Cammeray; Warringah Fwy (N); 30m south of Ernest St overpass	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 0651 0084 N	Warringah Fwy	VMS North Sydney; Warringah Fwy (N); 600m south of Falcon St exit ramp	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6003 3001 N	F3	VMS Wahroonga; F3 (N)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6003 3002 N	F3	VMS Mt. Kuring-Gai; F3 (N)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6003 3003 N	F3	VMS Brooklyn; F3 (N)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6003 3005 S	F3	VMS Mt. White; F3 (S)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6003 3006 S	F3	VMS South Kariong; F3 (S)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6003 3008 S	F3	VMS Somersby; F3 (S)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6003 3009 N	F3	VMS Mooney Mooney; F3 Fwy (N); 500m north of Hawkesbury Interchange	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD

13

VMS 6003 3014 S	F3	VMS Berowra; F3 Fwy (S); 890m north of Berowra offramp	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6003 3021 S	F3	VMS Mt Colah; F3 Fwy (S); 2km north of Mt Colah Interchange	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6004 0505 E	M4	VMS Eastern Creek; M4 (E); 1000m west of Reservoir Rd Exit	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6004 4901 W	M4	VMS Minchinbury; M4 (W); approaching Western Orbital interchange (M7 17)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6004 4902 W	M4	VMS Holroyd; M4 Mwy (W); 830 m east of Burnett St	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6004 4903 E	M4	VMS Penrith; M4 Mwy (E); 1020m west of The Northern Rd	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6009 9003 S	M7	VMS Hoxton Park; Western Orbital (S); south of Hoxton Park Rd (M7 37)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6009 9004 N	M7	VMS Cecil Park; Western Orbital (N); before Cowpasture Rd offramp (M7 38)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6009 9006 N	M7	VMS Cecil Park; Western Orbital (N); before Elizabeth Dr offramp (M7 40)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6009 9007 S	M7	VMS Cecil Park; Western Orbital (S); before Elizabeth Dr offramp (M7 41)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6009 9009 S	M7	VMS Horsley Park; Western Orbital (S); before The Horsley Dr offramp (M7 43)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6009 9012 N	M7	VMS Minchinbury; Western Orbital (N) before; M4 offramp (M7 46)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD
VMS 6009 9013 S	M7	VMS Minchinbury; Western Orbital (S) before; M4 offramp (M7 47)	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD

14

VMS_0005_0100_W	Parramatta Rd	VMS Burwood; Parramatta Rd (W); before Shaftsbury Ave	129	16	Sept	07:00	16	Sept	11:00	MARATHON TODAY AVOID SYDNEY CBD	
VMS_6004_0130_W	M4	VMS Homebush Bay; M4 (W); at Hill Rd onramp	129	16	Sept	07:00	16	Sept	11:00	MARATHON TODAY AVOID SYDNEY CBD	
VMS_6004_0172_E	M4	VMS Parramatta; M4 (E); before Church St offramp	129	16	Sept	07:00	16	Sept	11:00	MARATHON TODAY AVOID SYDNEY CBD	
VMS_6004_0190_E	M4	VMS Girraween; M4 Mwy (E); 1200m west of Cumberland Hwy offramp	129	16	Sept	07:00	16	Sept	11:00	MARATHON TODAY AVOID SYDNEY CBD	
VMS_7464_0080_N	Miller St	VMS North Sydney; Miller St (N); 270m south of Falcon St	118	16	Sept	07:00	16	Sept	11:00	SYDNEY MARATHON IN PROGRESS AVOID SYDNEY CBD	
VMS_0171_1403_N	Anzac Pde	VMS Moore Park; Anzac Parade (N); 350m north of Dacey Ave	124	16	Sept	10:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0001_0701_N	Princes Hwy	VMS Blakehurst; Princes Hwy (N); 1100m S of King Georges Rd	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0001_0705_E	Princes Hwy	VMS Kirrawee; Princes Hwy (E); 442m west of The Kingsway	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0001_0707_N	Princes Hwy	VMS Heathcote; Princes Hwy (N); 1750 south of Heathcote Rd	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0005_0805_E	Parramatta Rd	VMS Granville; Parramatta Rd (E); 1100m west of James Ruse Drive	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0010_0044_S	Pacific Hwy	VMS Chatswood; Pacific Hwy (S); 480m north of Fullers Rd	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0010_0046_S	Pacific Hwy	VMS Chatswood; Pacific Hwy (S); 300m north of Mowbray Rd	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0010_1501_S	Pacific Hwy	VMS Roseville; Pacific Hwy (S); 300m north of Boundary St	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS

15

VMS_0010_1502_S	Pacific Hwy	VMS Pymble; Pacific Hwy (S); 500m north of Mona Vale Rd	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0010_1522_S	Pacific Hwy	VMS Berowra; Pacific Hwy (S); 580m north of Windy Banks Interchange	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0013_0802_S	Pennant Hills Rd	VMS Beecroft; Pennant Hills Rd (S); 335m south of Thompsons Corner	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0139_0406_S	Blaxland Rd	VMS West Ryde; Blaxland Rd (S); 380m north of Devlin St	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0162_0011_S	Ryde Rd	VMS Macquarie Park; Lane Cove Rd (S); 450m north of M2 underpass	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0162_0605_N	Lane Cove Rd	VMS North Ryde; Lane Cove Rd (N); 700m south of Epping Rd	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0164_1644_S	Burnt Bridge Creek	VMS Balgowlah; Burnt Bridge Creek Rd (S); 500m north of Sydney Rd	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0165_0009_E	Anzac Bridge	VMS City of Sydney - Anzac Bridge (E)	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0165_1203_E	Victoria Rd	VMS Ryde; Victoria Rd (E); 800m west of Devlin St	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0165_1205_E	Victoria Rd	VMS Rozelle; Victoria Rd (E); 500m west of The Crescent	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0165_1206_E	Victoria Rd	VMS Henley; Victoria Rd; 690m west of Burns Bay Rd Exit	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0167_0302_E	Canterbury Rd	VMS Wiley Park; Canterbury Rd (E); 350m west of King Georges Rd	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0190_0608_S	Silverwater Rd	VMS Silverwater; Silverwater Rd (S); 550 m north of M4 Mwy	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS

16

VMS_0200_0402_S	Concord Rd	VMS Rhodes; Concord Rd (S); 629m north of Homebush Bay Dr	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0200_0404_S	Homebush Bay Dr	VMS Homebush; Homebush Bay Dr (S); 400m north of M4 on-ramp	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0200_0405_N	Homebush Bay Dr	VMS Rhodes; Homebush Bay Dr (N); 200m south of Oulton Ave (IKEA Centre)	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0200_0602_N	Church St	VMS Rhodes; Church St (N); 1400m south of Victoria Rd	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0200_0604_N	King Georges Rd	VMS Narwee; King Georges Rd (N); 573m south of M5 on-ramp	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0200_0606_N	Centenary Dr	VMS Homebush; Centenary Dr (N); 1400m south of M4 on-ramp	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0373_0002_E	Epping Rd	VMS Macquarie Park; Epping Rd (E); 900m west of Lane Cove Rd	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0373_0010_E	Epping Rd	VMS Macquarie Park; Epping Rd (E); 400m west of Delhi Rd	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0373_0030_E	Epping Rd	VMS Lane Cove West; Epping Rd (E); 400m west of Centennial Ave	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0373_0040_E	Longueville Rd	VMS Lane Cove; Longueville Rd (E); 250m west of Pacific Hwy	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0535_0535_E	Elizabeth Dr	VMS Cecil Park; Elizabeth Drive (E); West Walgrove Interchange (M7 10)	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0592_0003_W	Shakespeare Pl	VMS City of Sydney - Shakespeare Place (W)	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS

17

VMS_0592_0520_W	Cahill Expressway	VMS The Rocks; Cahill Expressway (W); at Cumberland Street; (Map C N7)	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0617_9419_N	Foreshore Rd	VMS Kyeemagh; Forshore Rd (N); approaching Gen. Holmes Dv	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0650_0902_E	City West Link	VMS Lilyfield; City West Link (E); 330m west of The Crescent	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0651_0066_S	Warringah Fwy	VMS Cammeray; Warringah Fwy (S); 10m west of West St Overpass	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_0651_0068_S	Warringah Fwy	VMS Cammeray; Warringah Fwy (S); 370m north of Falcon St	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_6005_1706_E	M5	VMS Narwee; M5 (E); 1000m west of King Georges Rd exit	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_7300_0008_N	George St	VMS City of Sydney; George St (N)	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_7311_3117_W	Cowper Wharf Rd	VMS Woollomooloo; Cowper Wharf Rd (W); at Lincoln Cres; (236H9)	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_9126_1269_N	Sir John Young Cr	VMS Woollomooloo; Sir John Young Cres (N); at Crown St; (236G10)	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_9129_1299_N	Crown St	VMS Woollomooloo; Crown St (N); 50m south of Sir John Young Cres; (236G11)	124	16	Sept	11:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_7083_0006_N	Elizabeth St	VMS City of Sydney; Elizabeth St (N)	124	16	Sept	12:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_7310_0005_W	Oxford St	VMS City of Sydney; Oxford St (W)	124	16	Sept	12:00	16	Sept	13:00	SYDNEY MARATHON TODAY EXPECT DELAYS	CBD ROAD CLOSURES 4AM - 1:30PM EXPECT DELAYS
VMS_7307_0004_W	William St	VMS City of Sydney; William St (W)	132	16	Sept	20:00	17	Sept	01:00	ROAD CLOSED AHEAD FOLLOW DETOUR	

18



Transport
Management
Centre

SYDNEY

FESTIVAL

Sunday Telegraph
OFFICIAL NEWSAGENT

SYDNEY RUNNING FESTIVAL

Sunday 16th Sept 2012

TCPs

Also for and on behalf of Roads and Maritime Services

Sydney Running Festival 2012

Marathon - Sun 16 Sept 2012

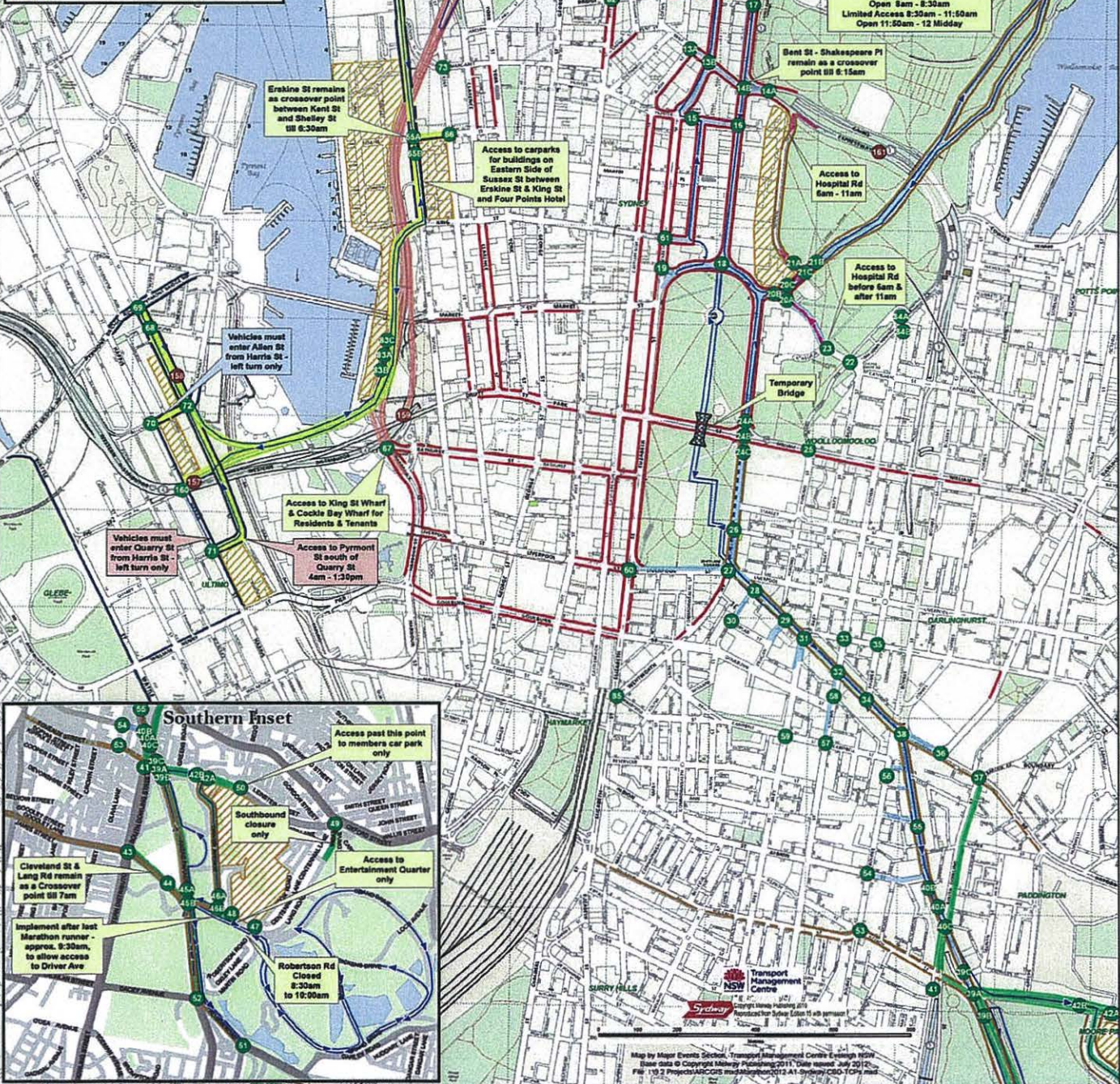
TCP's 150, 151, 152, 153 and 163 are located further north on the Warringah Freeway



Northern Inset

Legend

- TCP Locations
- SHB TCP Locations
- Marathon Route
- - - Wheelchair Return Route
- Special Event Clearway 1am - 10am
- Special Event Clearway 1am - 12 Midday
- Special Event Clearway 1am - 1:30pm
- Special Event Clearway 4am - 12 Midday
- Road Closure 4am-10am
- Road Closure 4am-11am
- Road Closure 4am-12 Midday
- Road Closure 4am-1:30pm
- Road Closure 6am-11:30am
- Hospital Rd Access
- - - Road Closure - Rocks Market
- ▨ Refer to Local Access Maps



Ereking St remains as crossover point between Kent St and Shelley St till 8:30am

Access to carparks for buildings on Eastern Side of Sussex St between Ereking St & King St and Four Points hotel

BRIDGE ST - PHILLIP ST CROSSOVER
Open 4am - 6:50am
Closed 6:50am - 8am
Open 8am - 8:30am
Limited Access 8:30am - 11:50am
Open 11:50am - 12 Midday

Bent St - Shakespeare Pl remain as a crossover point till 6:15am

Access to Hospital Rd 6am - 11am

Access to Hospital Rd before 6am & after 11am

Vehicles must enter Allen St from Harris St - left turn only

Vehicles must enter Quarry St from Harris St - left turn only

Access to King St Wharf & Cockle Bay Wharf for Residents & Tenants

Access to Pyrmont St south of Quarry St 4am - 1:30pm

Southern Inset

- Access past this point to members car park only
- Southbound closure only
- Access to Entertainment Quarter only
- Cleveland St & Lang Rd remains as a Crossover point till 7am
- Implement after last Marathon runner - approx. 8:30am, to allow access to Driver Ave
- Robertson Rd Closed 8:30am to 12:00am

Sydney Running Festival TCP Summary

ALL 4AM CLOSURES TO BE LOCKED DOWN BY 5:15AM AND ALL 6AM CLOSURES TO BE LOCKED DOWN AT 6:30AM

TCP NUMBER	STREET NAME	TCS No.		TCP NUMBER	STREET NAME	TCS No.
1	Olympic Dr & Broughton St.	----	North Sydney	50	Moore Park Rd & Oatley St	3914
2A	Alfred St South & Paul St	----		51	Alison Rd & Doncaster Ave	900
2B	Alfred St South Between Paul St & Cliff St	----		52	Anzac Pde - Alison Rd & Dacey Ave	396
3	Alfred St South- Dind St & Mary Woolstonecraft Ln	----		53	Fitzroy St - Nichols St and Hutchinson St	----
4	Fitzroy St & Broughton St	3693		54	Albion St - Bourke St, Nichols St & Hutchinson St	26
5A	Alfred St South - Burton St - Cliff St.	265		55	Short St - Bourke St - Hannam St - Hill St & Flinders St	2893
5B	Alfred St - Burton St - Cliff St.	----		56	Bourke - Linden St & Patterson Ln.	----
6	Alfred St S & Lavender St.	----		57	Crown St & Campbell St	687
7	Walker St - Middlemiss St Tunnel - Middlemiss St	----		58	Crown St - Goulburn St & Arnold Pl	----
8	Lavender St, Cliff St and Harbourview St	----	59	Riley St & Campbell St	36	
9	Albert St & Phillip St	15	CBD East	60	Liverpool St & Elizabeth St	253
10	Macquarie St - Carpark Exit	3501		61	King St & Elizabeth St	278
11	Bridge St & Macquarie St	299		62	Bridge St & Pitt St	243
12	Bridge St & Phillip St	298		63	Loftus St & Reiby Plce	----
13A	Bent St & Phillip St	242		64	Bridge St & Young St	227
13B	Bent St & Phillip St	242		65A	Sussex St - King St & Shelley St	284
14A	Macquarie St & Shakespeare Pl	291		65B	Sussex St - King St & Shelley St	284
14B	Macquarie St & Shakespeare Pl	----		66	Erskine St & Kent St	307
15	Elizabeth St, Hunter St & Phillip St	302		67	Harbour St - Day St to Bathurst St	247
16	Macquarie St & Hunter St	290	68	Pyrmont St - Gipps St, Bunn St and Bunn Lane	----	
17	Macquarie St & Astor Lane	----	69	Pyrmont Bridge Rd - Pyrmont St - Edward Lane	5	
18	Macquarie St & St James Rd CONTINGENCY	276	70	Harris St & Allen St	2839	
19	Elizabeth St & St James Rd	269	71	Pyrmont St - Quarry St & Harris St	1836	
20A	Princes Albert Rd & St Marys Rd.	----	72	Pyrmont St - Allen St & Murray St	3201	
20B	Princes Albert Rd & St Marys Rd	----	73	Kent St & Napoleon St	308	
20C	Princes Albert Rd & St Marys Rd	----	74	Towns Rd & Windmill St (local access)	----	
21A	Art Gallery Rd - Hospital Rd	----	75A	Hickson Rd & Town Place	----	
21B	Art Gallery Rd - Hospital Rd 2way	----	75B	Hickson Rd & Town Place	----	
21C	Art Gallery Rd - Hospital Rd	----	76A	Hickson Rd & Pottinger St	----	
22	St Marys Rd & Sir John Young Cr	271	76B	Hickson Rd & Pottinger St	----	
23	St Marys Rd and Cathedral St	----	77	Hickson Rd at Pier 1	4120	
24A	William St & College St	315	78	Hickson Rd at Park Hyatt.	----	
24B	William St & College St	315	79	George St & Hickson Rd	----	
24C	William St & College St	----	80	George St & Alfred St	233	
24C	William St & College St CONTINGENCY	----	81	Overseas Passenger Terminal - Rocks	----	
25	William St & Boomerang Pl	3142	82	George St & Essex St	232	
26	College St Francis & Stanley St	292	83A	Wheat Rd - setup by who dares	----	
27	Liverpool St & Wentworth Ave	681	83B	Wheat Rd - setup by who dares	----	
28	Oxford St & Brisbane St	----	83C	Wheat Rd - setup by who dares	----	
29	Oxford St & Pelican St	----	84A	Sir John Young Cres & Crown St	----	
30	Pelican St - Waine St - Brisbane St - Poplar St	----	84B	Sir John Young Cres & Crown St	----	
31	Oxford St & Riley St	683	85	Elizabeth St & Wentworth Ave	255	
32	Oxford St & Crown St	684	SHB150	Miller St on Ramp to SHB	2091	
33	Crown St & Burton St	----	SHB151	Warringah Fwy Lane 7 & 8 Closure at Alfred	----	
34	Oxford St & Palmer St	3970	SHB152	Warringah Fwy Slip Lane	----	
35	Burton St & Palmer St	----	SHB153	Arthur St & Mount St on ramp SHB	332	
36	Oxford St & Darlinghurst Rd	697	SHB154	High St SHB on ramp	----	
37	Oxford St & South Dowling St	131	SHB155	Warringah Fwy & Lavender St off ramp	----	
38	Oxford St - Flinders St - Taylor St	685	SHB156	Clarence St - Kent St on ramp to SHB	----	
39A	Flinders St - Anzac Pde - Moore Park Rd & ED	----	SHB157	Western Distributor at Bathurst St Off Ramp.	----	
39B	Flinders St - Anzac Pde - Moore Park Rd & ED	----	SHB158	Pyrmont St on ramp to West Distributor	----	
39C	Flinders St - Anzac Pde - Moore Park Rd & ED	----	SHB159	Western Distributor off ramp to Harris St	----	
40A	Flinders St & South Dowling St	27	SHB160	Fig Harris West Dist on ramp	2840	
40B	Flinders St & South Dowling St	27	SHB161	Cahill Expressway Exit ramp Northbound	----	
40C	Flinders St & South Dowling St	27	SHB162A	Cahill Exp. - Conservatorium Exit ramp Southbound	----	
41	South Dowling St - Bennett to Fitzroy St	44	SHB162B	Cahill Exp. - Conservatorium Exit ramp Southbound	----	
42A	Moore Park Rd & Driver Ave	3016	SHB162C	Cahill Exp. - Conservatorium Exit ramp Southbound	----	
42B	Moore Park Rd & Driver Ave	3016	SHB163	Falcon St onramp to Waringah freeway	----	
43	Cleveland St & South Dowling St	187	SHB164	SHB onramp Grosvenor St , York St	----	
44	Cleveland St & Golf Club Driveway	----	E170A	SHB Southern toll gates to Western Distributor	----	
45A	Cleveland St & Anzac Pde	363	E170B	SHB Southern toll gates to Western Distributor	----	
45B	Cleveland St & Anzac Pde	363	E170C	SHB Southern toll gates to Western Distributor	----	
46A	Driver Ave & Lang Rd	359	E171	Western Distributor at Fig St/Pyrmont St ramp merge	----	
46B	Driver Ave & Lang Rd	----	E172	Western Distributor at King St off ramp	----	
47	Robertson & Lang Rd	403				
48	Lang Rd & Errol Flynn Bvd	----				
49	Lang Rd & Moore Park Rd	345				

TCP Detail - Times and Crews

ALL 4AM CLOSURES TO BE LOCKED DOWN BY 5:15AM AND ALL 6AM CLOSURES TO BE LOCKED DOWN AT 6:30AM

TCP No.	STREET NAME	TCS No.	Setup Timing	Police	Organiser Traffic Marshals	RMS Traffic Controllers	RMS Crew No.	
North Sydney	1	Olympic Dr & Broughton St.	----	4:00	1		1	
	2A	Alfred St South & Paul St	----	4:00		1	1	
	2B	Alfred St South Between Paul St & Cliff St	----	10:00		1	1	
	3	Alfred St South- Dind St & Mary Woolstonecraft Ln	----	4:00		1	1	
	4	Fitzroy St & Broughton St	3693	4:00	1		1	
	5A	Alfred St South - Burton St - Cliff St.	265	4:00		2	1	
	5B	Alfred St - Burton St - Cliff St.	----	10:00		2	1	
	6	Alfred St S & Lavender St.	----	4:00	1	2	1	
CBD North	7	Walker St - Middlemiss St Tunnel - Middlemiss St	----	4:00	1	1	2	
	8	Lavender St, Cliff St and Harbourview St	----	6:00	1		1	
	9	Albert St & Phillip St	15	4:00		2	2	
	10	Macquarie St - Carpark Exit	3501	4:00	2	4	2	
	11	Bridge St & Macquarie St	299	4:00		1	2	
	12	Bridge St & Phillip St	298	4:00	2	2	2	
	13A	Bent St & Phillip St	242	4:00	1		2	
	13B	Bent St & Phillip St	242	6:15	1		2	
	14A	Macquarie St & Shakespeare Pl	291	4:00	2		2	
	14B	Macquarie St & Shakespeare Pl	----	6:15	2		2	
	15	Elizabeth St, Hunter St & Phillip St	302	4:00	1		4	
	16	Macquarie St & Hunter St	290	4:00		1	2	
	17	Macquarie St & Astor Lane	----	4:00		1	2	
	CBD East	18	Macquarie St & St James Rd CONTINGENCY	276				3
		19	Elizabeth St & St James Rd	269	4:00		1	3
		20A	Princes Albert Rd & St Marys Rd.	----	4:00		1	3
		20B	Princes Albert Rd & St Marys Rd	----	6:00		1	3
20C		Princes Albert Rd & St Marys Rd	----	11:00		1	3	
21A		Art Gallery Rd - Hospital Rd	----	4:00		1	3	
21B		Art Gallery Rd - Hospital Rd 2way	----	6:00		1	2	
21C		Art Gallery Rd - Hospital Rd	----	11:00		1	3	
22		St Marys Rd & Sir John Young Cr	271	6:00	2		3	
23		St Marys Rd and Cathedral St	----	6:00	1		3	
24A		William St & College St	315	4:00	2		3	
24B		William St & College St	315	8:00	2	1	3	
24C		William St & College St		9:00	2		3	
24D		William St & College St CONTINGENCY			1		3	
25		William St & Boomerang Pl	3142	4:00			3	
26		College St Francis & Stanley St	292	4:00		3	3	
27		Liverpool St & Wentworth Ave	681	4:00	2	1	4	
28		Oxford St & Brisbane St	----	4:00		1	7	
29		Oxford St & Pelican St	----	4:00	1	1	7	
30		Pelican St - Waine St - Brisbane St - Poplar St	----	4:00			7	
31		Oxford St & Riley St	683	4:00	2	1	7	
32		Oxford St & Crown St	684	4:00	2	1	7	
33		Crown St & Burton St	----	4:00			7	
34		Oxford St & Palmer St	3970	4:00	1	1	7	
35	Burton St & Palmer St	----	4:00			7		
36	Oxford St & Darlinghurst Rd	697	4:00	2	1	7		
37	Oxford St & South Dowling St	131	6:00		1	7		
38	Oxford St - Flinders St - Taylor St	685	4:00		4	7		
Eastern Suburbs	39A	Flinders St - Anzac Pde - Moore Park Rd & ED	----	4:00		1	8	
	39B	Flinders St - Anzac Pde - Moore Park Rd & ED	----	6:00		1	8	
	39C	Flinders St - Anzac Pde - Moore Park Rd & ED	----	11:30	1	1	8	
	40A	Flinders St & South Dowling St	27	4:00	2	2	8	
	40B	Flinders St & South Dowling St	27	6:00	2	2	8	
	40C	Flinders St & South Dowling St	27	11:30	2	2	8	
	41	South Dowling St - Bennett to Fitzroy St	44	6:00	2		8	
	42A	Moore Park Rd & Driver Ave	3016	6:00	1	2	8	
	42B	Moore Park Rd & Driver Ave	3016	9:30	1	2	8	
	43	Cleveland St & South Dowling St	187	7:00	1	1	9	
	44	Cleveland St & Golf Club Driveway	----	7:00		1	9	
	45A	Cleveland St & Anzac Pde	363	6:00	2		9	
	45B	Cleveland St & Anzac Pde	363	7:00	1		9	
	46A	Driver Ave & Lang Rd	359	6:00			9	
	46B	Driver Ave & Lang Rd		9:30	1		9	
	47	Robertson & Lang Rd	403	7:00	2	1	9	

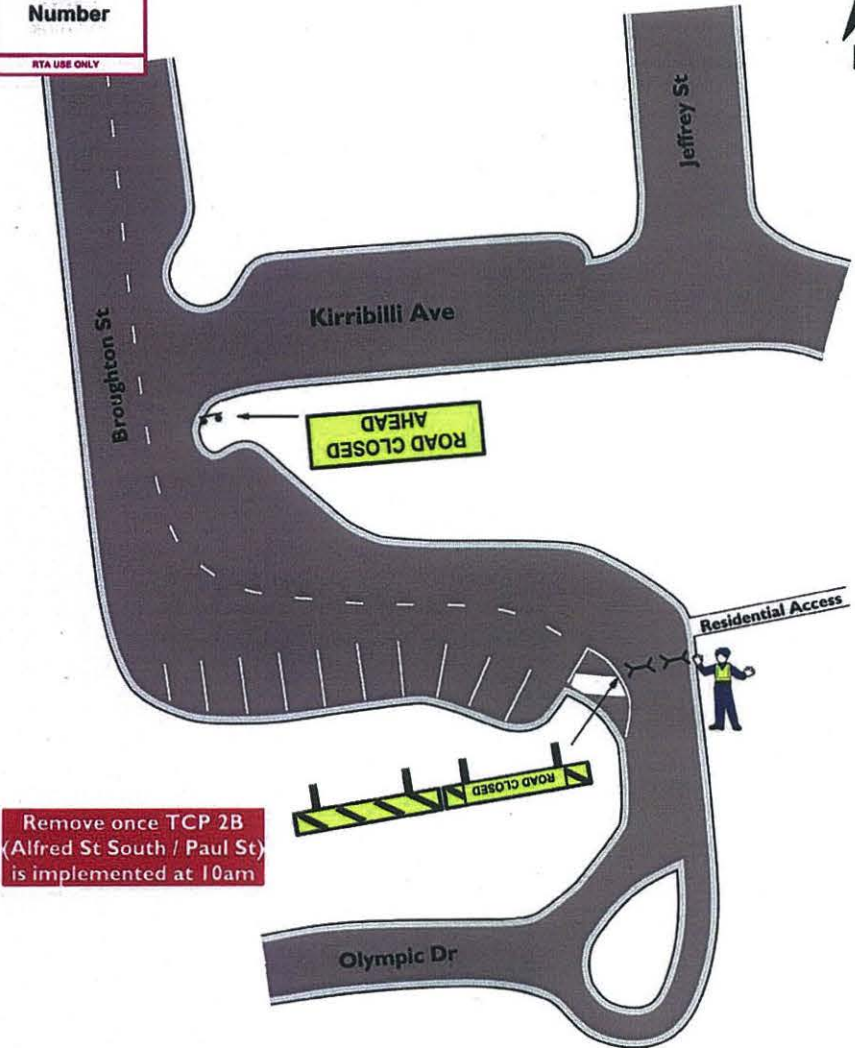
TCP Detail - Times and Crews

	TCP No.	STREET NAME	TCS No.	Setup Timing	Police	Organiser Traffic Marshals	RMS Traffic Controllers	RMS Crew No.
Eastern Suburbs	48	Lang Rd & Errol Flynn Bvd		7:00	1			9
	49	Lang Rd & Moore Park Rd	345	7:00	1			9
	50	Moore Park Rd & Oatley St	3914	6:00	2	1		9
	51	Alison Rd & Doncaster Ave	900	6:00	1			9
	52	Anzac Pde - Alison Rd & Dacey Ave	396	6:00	2			9
CBD East	53	Fitzroy St - Nichols St and Hutchinson St	----	4:00				9
	54	Albion St - Bourke St, Nichols St & Hutchinson St	26	4:00	2			9
	55	Short St - Bourke St - Hannam St - Hill St & Flinders St	2893	4:00	1			10
	56	Bourke - Linden St & Patterson Ln.	----	4:00				10
	57	Crown St & Campbell St	687	4:00	1			10
	58	Crown St - Goulburn St & Arnold Pl	----	4:00	1			10
	59	Riley St & Campbell St	36	4:00	1			10
	60	Liverpool St & Elizabeth St	253	4:00	2			4
CBD North	61	King St & Elizabeth St	278	4:00	1			4
	62	Bridge St & Pitt St	243	4:00	1			4
	63	Loftus St & Reiby Plce	----	4:00	1			4
	64	Bridge St & Young St	227	4:00	2	1		4
CBD South	65A	Sussex St - King St & Shelley St	284	4:00	3		2	5
	65B	Sussex St - King St & Shelley St	284	6:30	2		2	5
	66	Erskine St & Kent St	307	6:30	1			5
	67	Harbour St - Day St to Bathurst St	247	4:00	2		1	5
Pyrmont	68	Pyrmont St - Gipps St, Bunn St and Bunn Lane	----	4:00	1	2		11
	69	Pyrmont Bridge Rd - Pyrmont St - Edward Lane	5	4:00	1			11
	70	Harris St & Allen St	2839	4:00		2	1	11
	71	Pyrmont St - Quarry St & Harris St	1836	4:00			2	11
	72	Pyrmont St - Allen St & Murray St	3201	4:00	1		3	11
The Rocks	73	Kent St & Napoleon St	308	4:00	1			5
	74	Towns Rd & Windmill St (local access)	----	4:00	1			5
	75A	Hickson Rd & Town Place	----	4:00	1		2	5
	75B	Hickson Rd & Town Place	----	12:00	2		2	5
	76A	Hickson Rd & Pottinger St	----	4:00		1		6
	76B	Hickson Rd & Pottinger St	----	12:00		1	1	6
	77	Hickson Rd at Pier 1	4120	12:00			3	6
	78	Hickson Rd at Park Hyatt.	----	12:00	1	1		6
	79	George St & Hickson Rd	----	4:00	1	1		6
	80	George St & Alfred St	233	4:00	1		1	6
CBD Sout	81	Overseas Passenger Terminal - Rocks	----	4:00			1	6
	82	George St & Essex St	232	4:00	1			6
	83A	Wheat Rd - setup by who dares	----	4:00				6
	83B	Wheat Rd - setup by who dares	----	6:30			5	6
	83C	Wheat Rd - setup by who dares	----	10:30			5 + 3	6
Sydney Harbour Bridge	84A	Sir John Young Cres & Crown St	----	7:00				3
	84B	Sir John Young Cres & Crown St	255	11:00				3
	85	Elizabeth St & Wentworth Ave	255	4:00			1	4
	SHB150	Miller St on Ramp to SHB	2091	4:00				North 1
	SHB151	Warringah Fwy Lane 7 & 8 Closure at Alfred	----	4:00				North 1
	SHB152	Warringah Fwy Slip Lane	----	4:00	1			North 2
	SHB153	Arthur St & Mount St on ramp SHB	332	4:00	2			North 2
	SHB154	High St SHB on ramp	----	4:00	1	1		North 2
	SHB155	Warringah Fwy & Lavender St off ramp	----					North 1
	SHB156	Clarence St - Kent St on ramp to SHB	----	4:00	2			South 2
SHB157	Western Distributor at Bathurst St Off Ramp.	----	4:00				South 1	
SHB158	Pyrmont St on ramp to West Distributor	----	4:00				South 1	
SHB159	Western Distributor off ramp to Harris St	----	6:00				South 1	
SHB160	Fig Harris West Dist on ramp	2840	4:00				South 1	
SHB161	Cahill Expressway Exit ramp Northbound	----	4:00	1			South 2	
SHB162A	Cahill Exp. - Conservatorium Exit ramp Southbound	----	4:00				South 2	
SHB162B	Cahill Exp. - Conservatorium Exit ramp Southbound	----	6:00				South 2	
SHB162C	Cahill Exp. - Conservatorium Exit ramp Southbound	----	10:30	1			South 2	
SHB163	Falcon St onramp to Waringah freeway							
SHB164	SHB onramp Grosvenor St , York St							
Event TCP	E170A	SHB Southern toll gates to Western Distributor	----	6:00				North 1
	E170B	SHB Southern toll gates to Western Distributor	----	8:00				North 1
	E170C	SHB Southern toll gates to Western Distributor	----	9:00				North 1
	E171	Western Distributor at Fig St/Pyrmont St ramp merge	----	6:00				SHB Supervisor
	E172	Western Distributor at King St off ramp	----	6:00				SHB Supervisor

42 10 18

Police Event TCs RMS
80 55 30

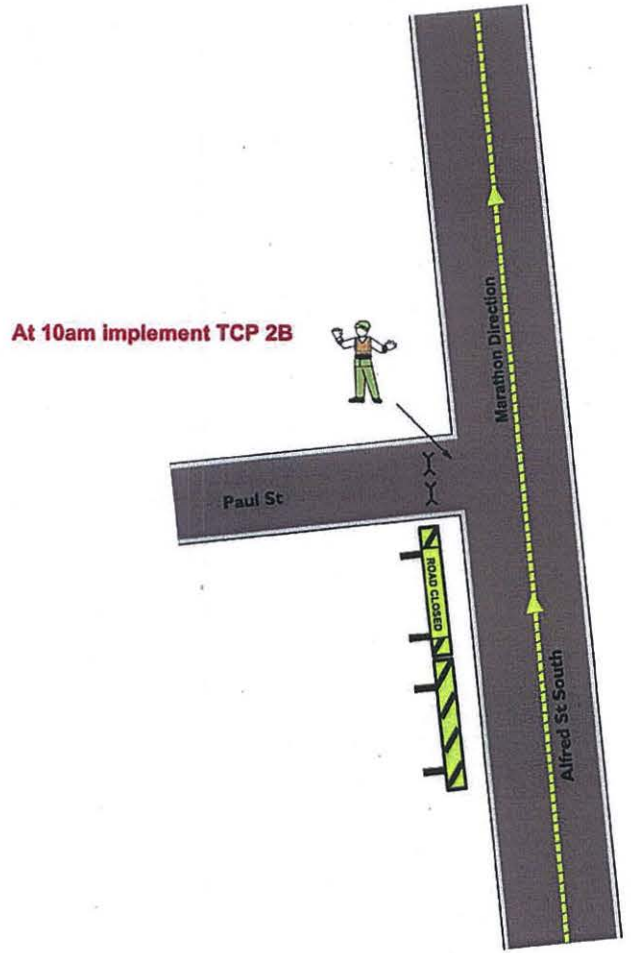
Crew Number
RTA USE ONLY



Remove once TCP 2B (Alfred St South / Paul St) is implemented at 10am

TCP No.: 1		Closure of Olympic Dr at Bend South of Broughton St, Kirribilli			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400-1000	Date Updated: 29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0400-1000	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

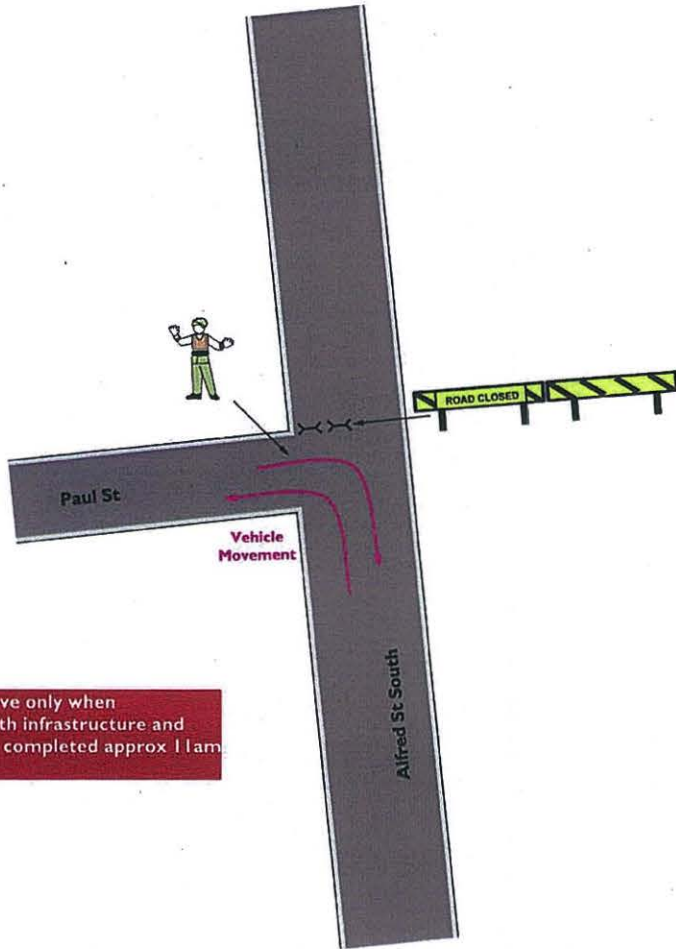
Crew Number
RTA USE ONLY



At 10am implement TCP 2B

TCP No.: 2A		Full Closure of Paul St at Alfred St South, Milsons Point			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400-1000	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	1	Maintain closure	Monitor traffic flow	0400-1000	Scale: Not to Scale

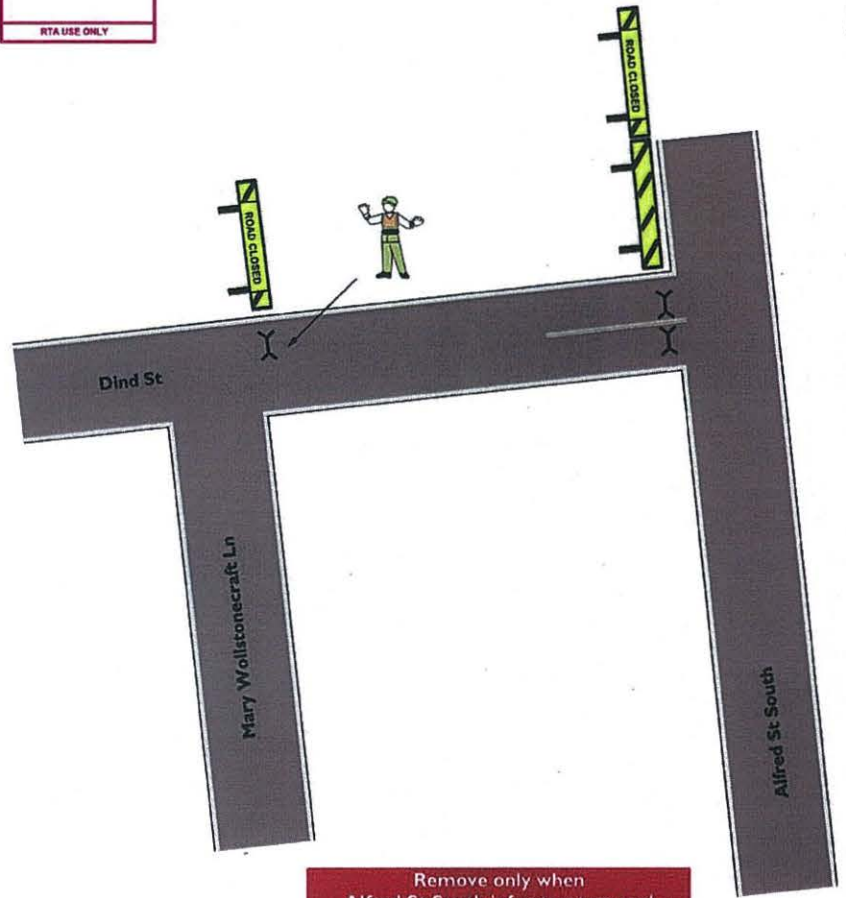
Crew Number
RTA USE ONLY



Remove only when Alfred St South infrastructure and cleaning has been completed approx 1 lam.

TCP No.: 2B		Reduce Closure to Alfred St South between Paul St and Cliff St, Milsons Point			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		1000	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	1	Maintain closure	Monitor traffic flow	1000	Scale: Not to Scale

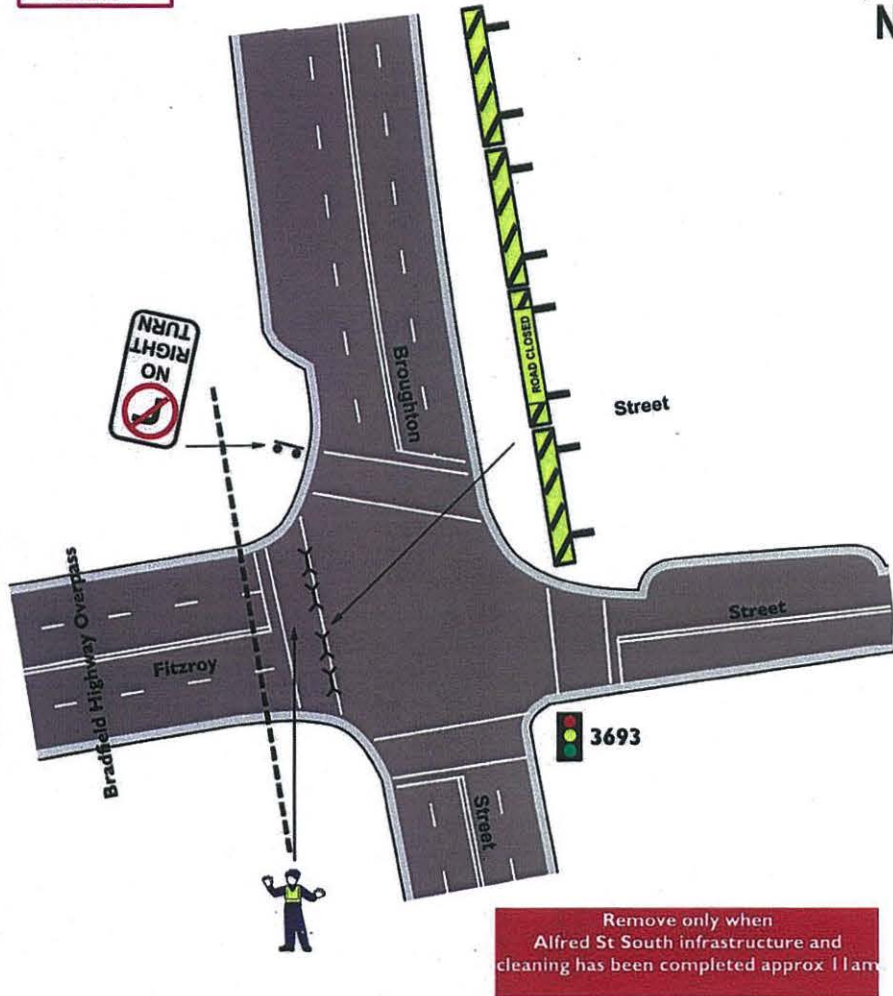
Crew Number
RTA USE ONLY



Remove only when Alfred St South infrastructure and cleaning has been completed approx 1 lam.

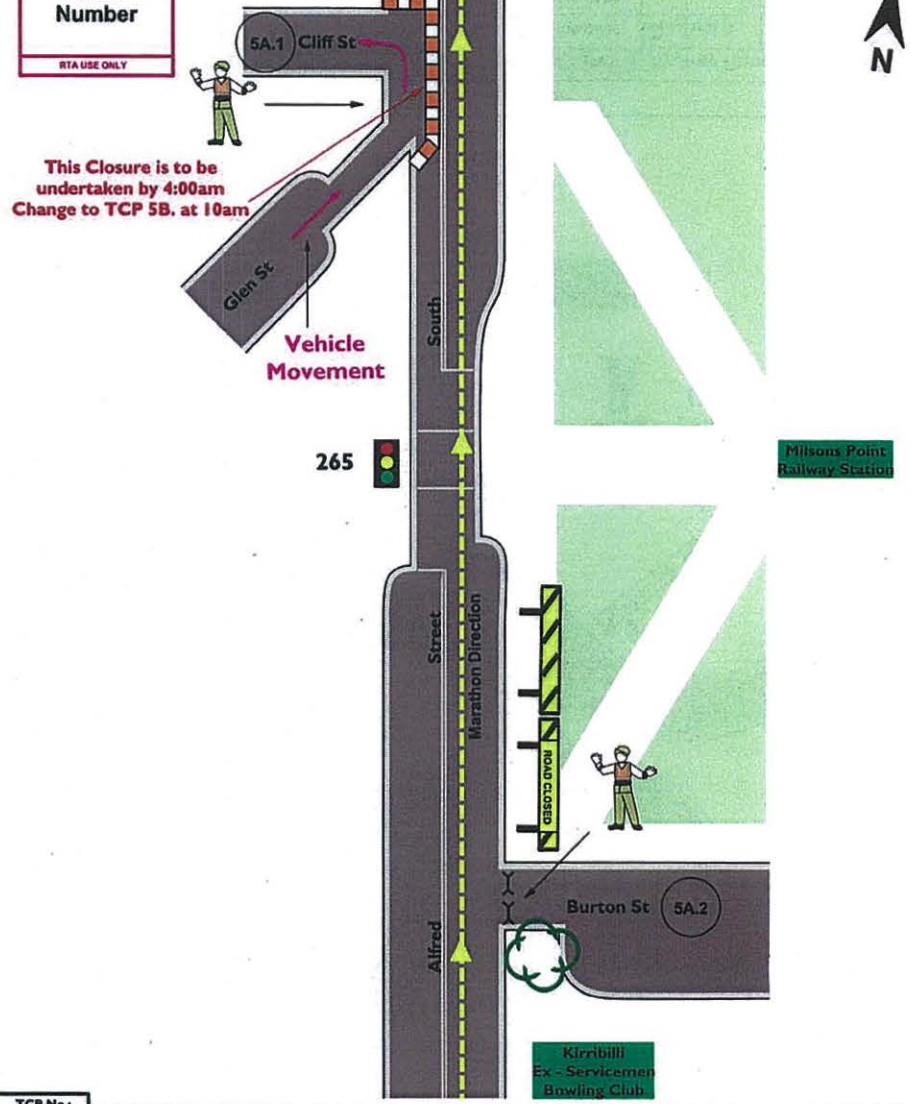
TCP No.: 3		Closure of Dind St at Alfred St South, Milsons Point Half Closure of Dind St Eastern Side of Mary Wollstonecraft Ln, Milsons Point			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	1	Maintain closure	Monitor traffic flow	0400	Scale: Not to Scale

Crew Number
RTA USE ONLY



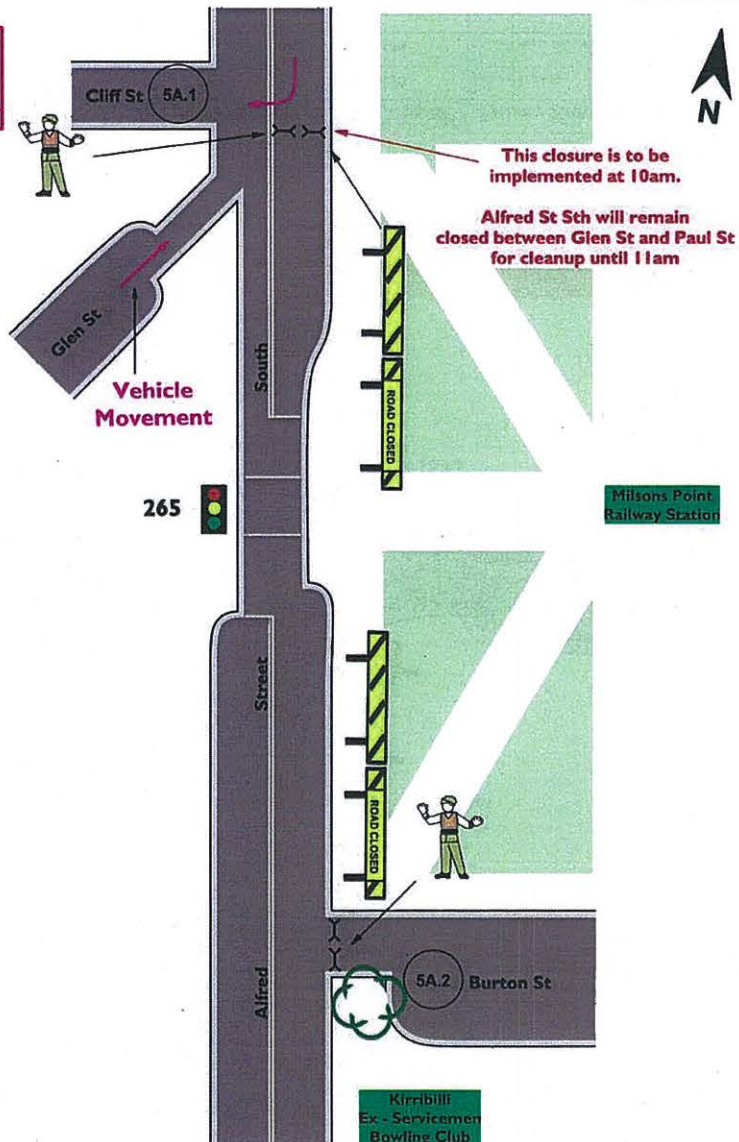
TCP No.: 4		Full Closure Fitzroy St western side of Broughton St, Kirribilli				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12	
POLICE	1	Maintain closure	Monitor traffic flow	0400	Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

Crew Number
RTA USE ONLY



TCP No.: 5A		Full Road Closure Burton St at Alfred St & U turn at Glen St to exit via Cliff St, Milson Point				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs	Supply & setup 10 water filled barriers	0400 - 1000	Date Updated: 29.06.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	2	Maintain closure	Monitor traffic flow	0400 - 1000	Scale: Not to Scale	

Crew Number
RTA USE ONLY



TCP No.: 5B	Full Road Closure Burton St at Alfred St & Alfred St Sth southbound at Cliff St, Milson Point				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs	Remove 10 water filled barriers from TCP 5A	1000-1100	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	2	Maintain closure	Monitor traffic flow	1000-1100	Scale: Not to Scale



Crew Number
RTA USE ONLY

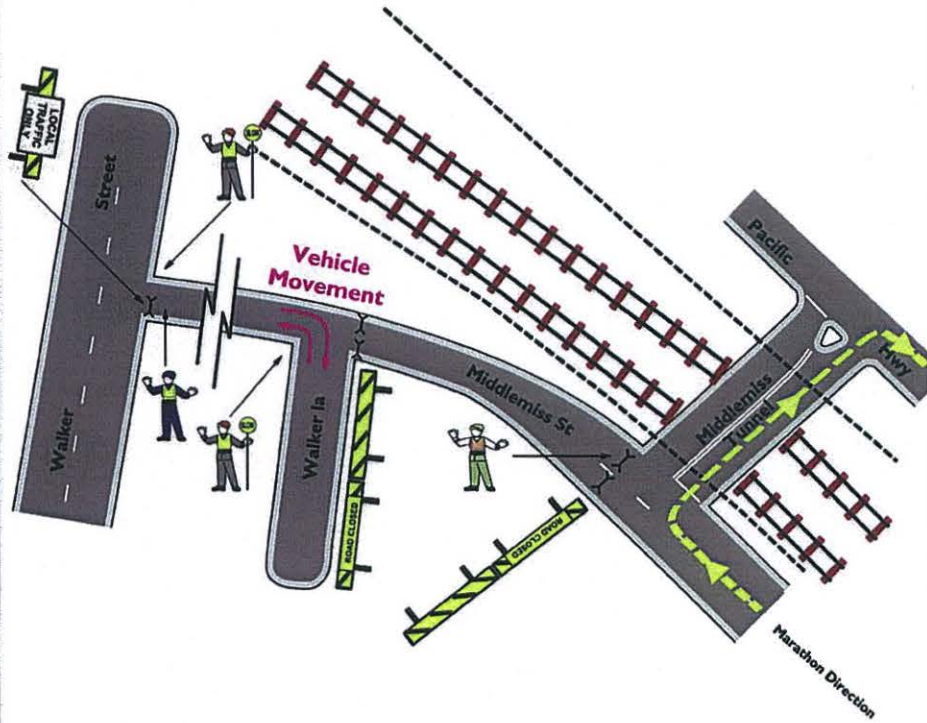


This Closure is to be undertaken by 4:00am and removed by 6:00am once TCP 8 is implemented

TCP No.: 6	Half Closure of Alfred St Southern Side of Lavender St, Lavender Bay				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400-0600	Date Updated: 29.06.12
POLICE	1	Point Duty		0400-0600	Drawn: Major Events
TRAFFIC MARSHALS	2	Manage Access for Event vehicles		0400-0600	Scale: Not to Scale

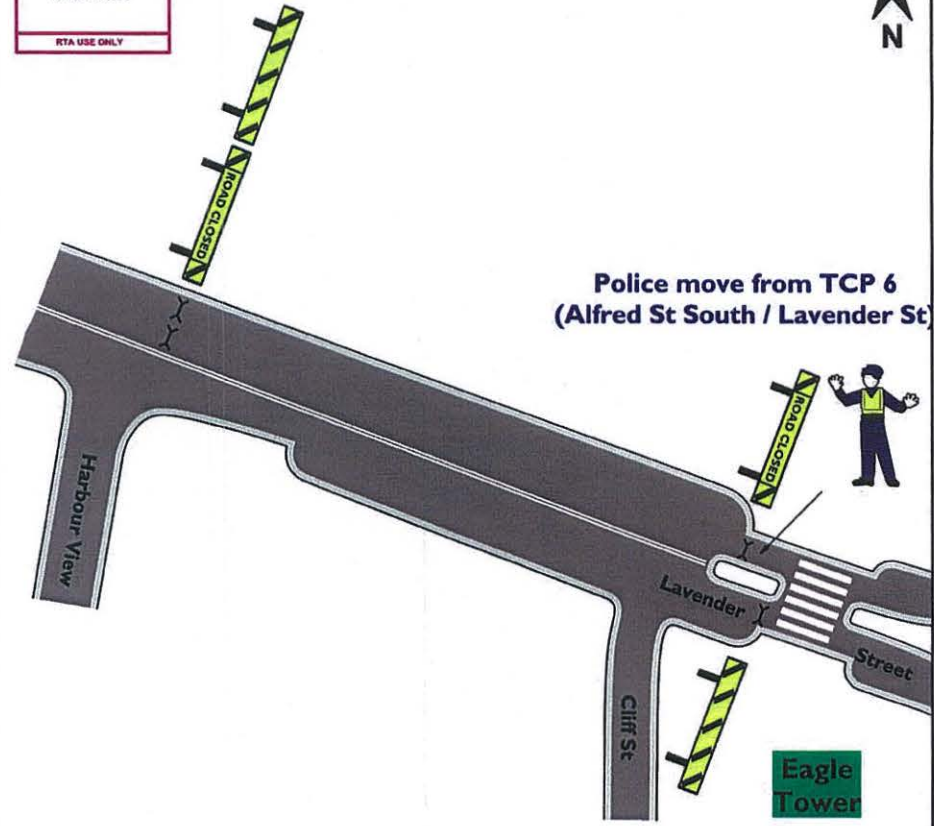


Crew Number
RTA USE ONLY



TCP No.: 7		Full Closure of Middlemiss St southern side of Middlemiss Tunnel, North Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS	2	Supply & setup barricades & signs	Stop/ slow traffic control	0400	Date Updated: 29.06.12	
POLICE	1	Maintain closure	Monitor traffic flow	0400	Drawn: Major Events	
TRAFFIC MARSHALS	1	Maintain closure		0400	Scale: Not to Scale	

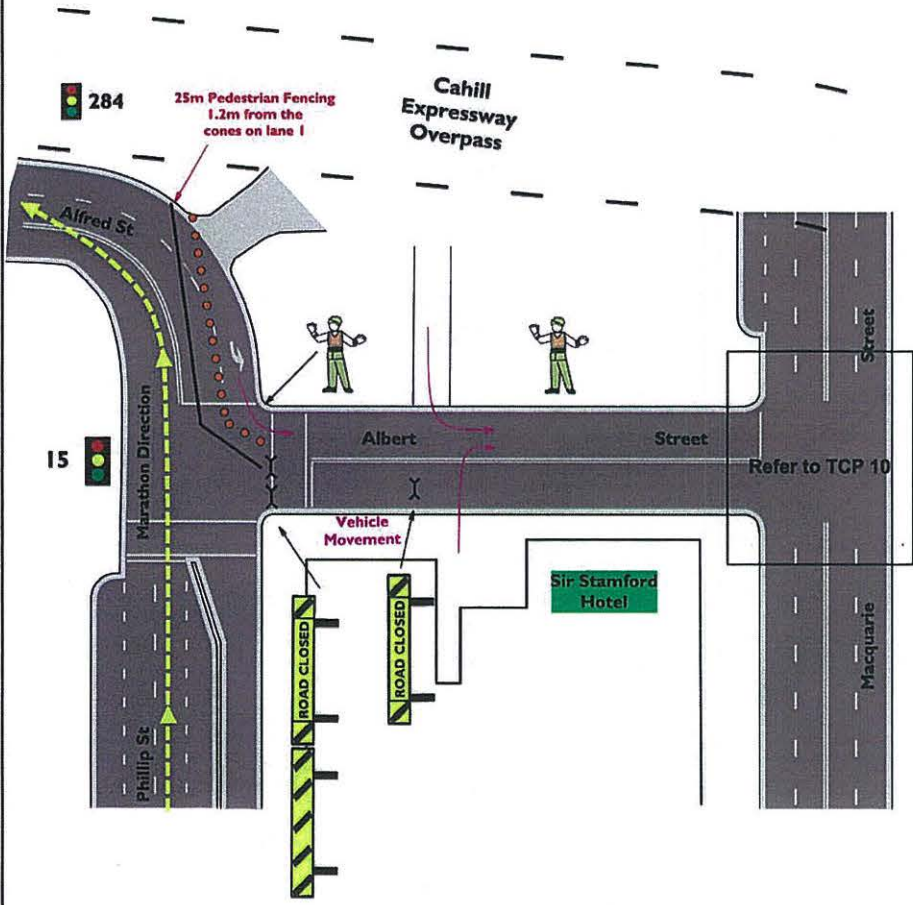
Crew Number
RTA USE ONLY



This Closure is to be undertaken by 6:00am

TCP No.: 8		Full Closure of Lavender St at Middlemiss St, Harbourview St & Cliff St, Lavender Bay				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0600	Date Updated: 29.06.12	
POLICE	1	Maintain closure	Monitor traffic flow	0600	Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

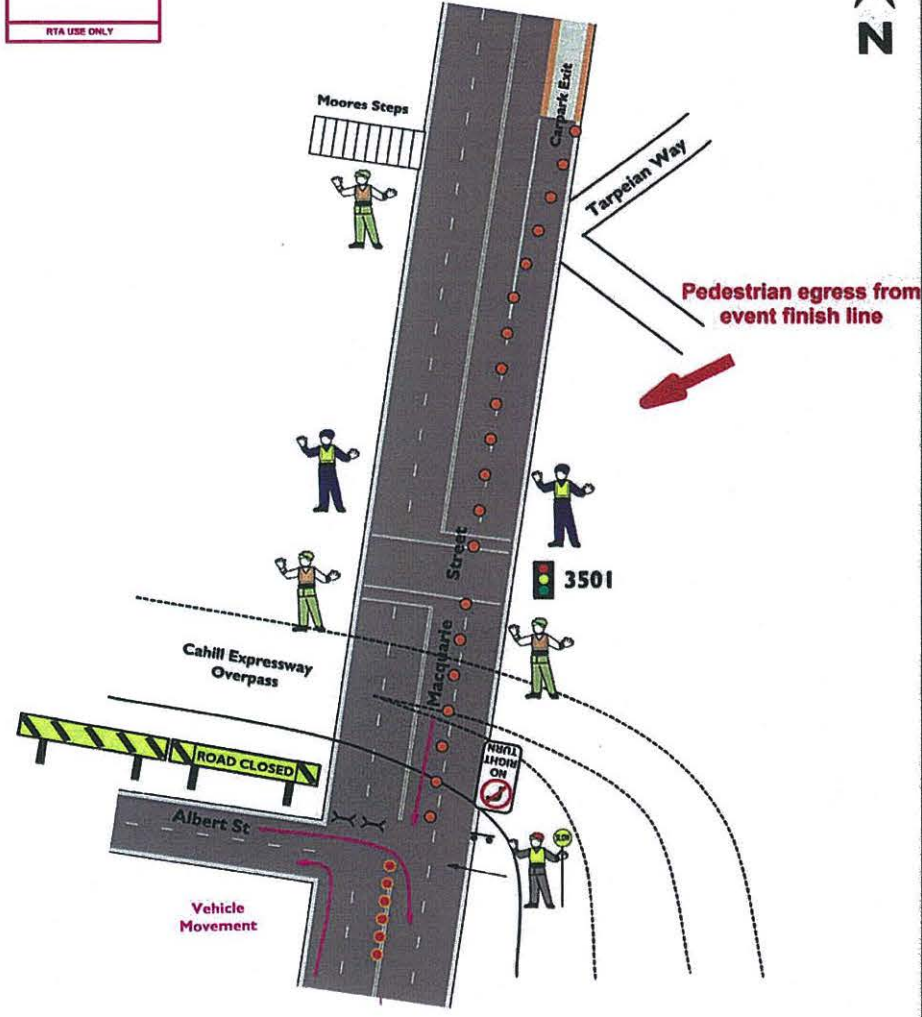
Crew Number
RTA USE ONLY



TCP No.: 9		Road Closure of Phillip St at Albert St, Circular Quay			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	2	Maintain closure		0400	Scale: Not to Scale



Crew Number
RTA USE ONLY

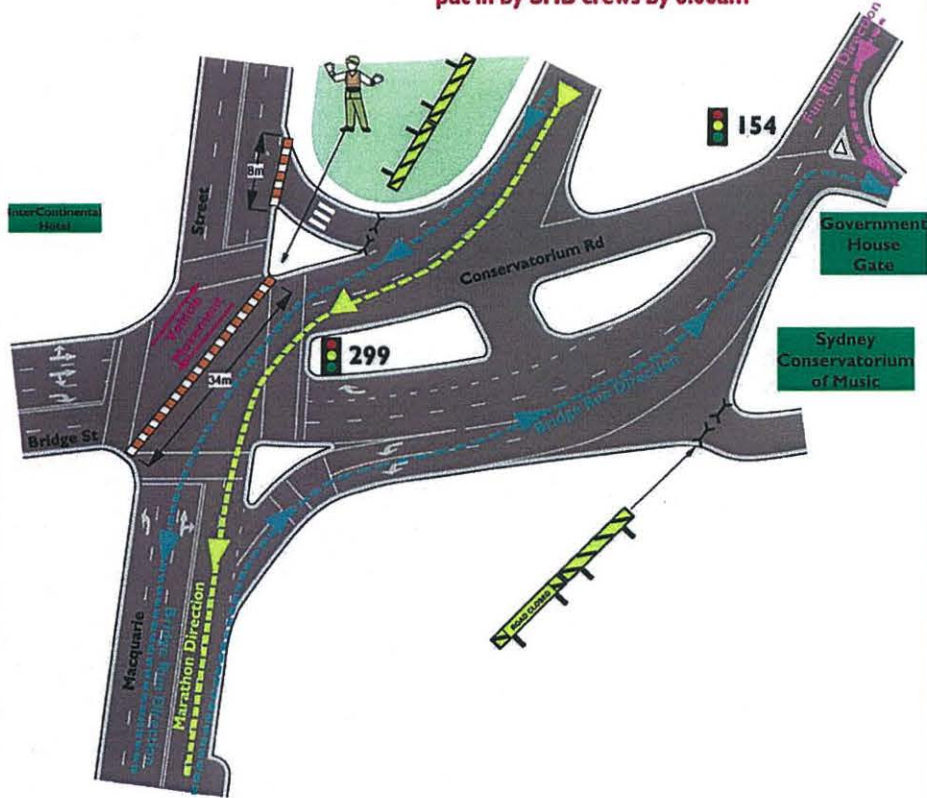


TCP No.: 10		Lane 1 Southbound closure on Macquarie St for Vehicles to Exit Carpark, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup cones		0400	Date Updated: 29.06.12
POLICE	2	Pedestrian Management at crossing points		0630	Drawn: Major Events
TRAFFIC MARSHALS	4	Stop/slow traffic control (TC) x1	Pedestrian Management at crossing points (PM) x3	0400 (TC x1) 0630 (PM x3)	Scale: Not to Scale



Crew Number
RTA USE ONLY

Remove existing closure (TCP SHB 162) put in by SHB crews by 6:00am

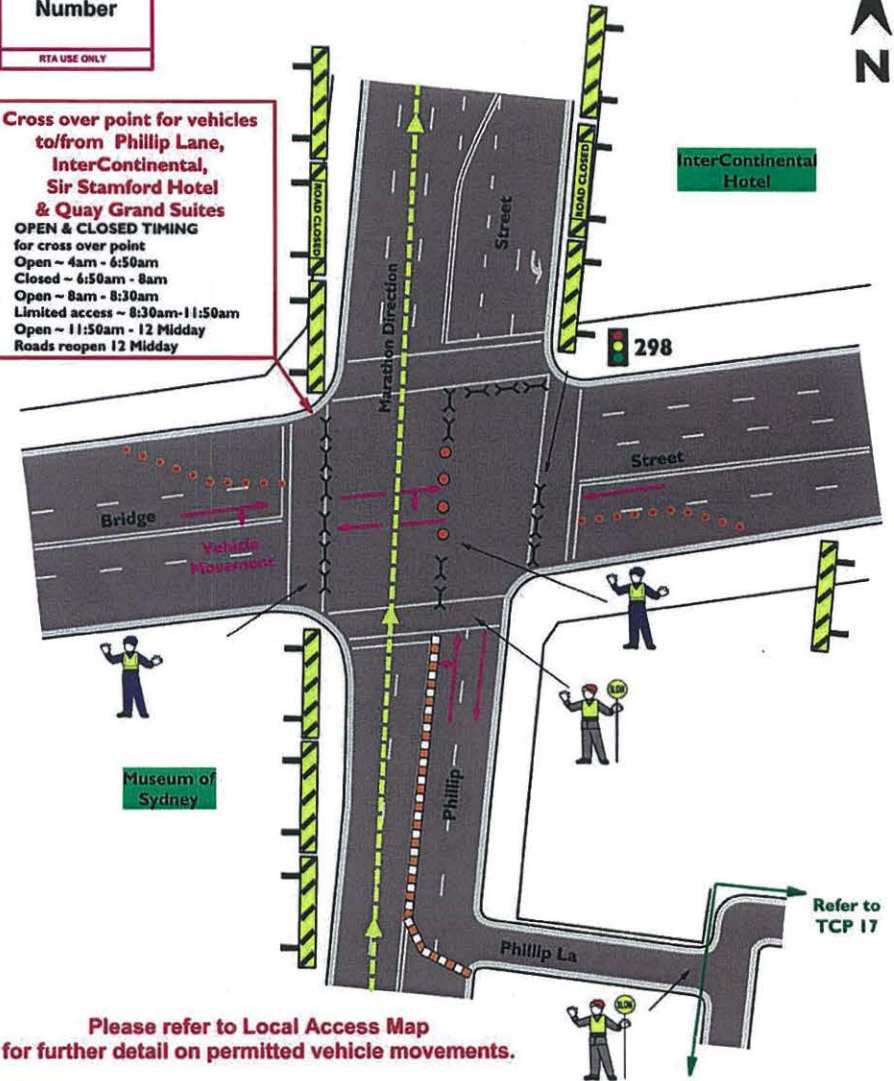


TCP No.:		11 Full Road Conservatorium Rd, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs	Supply & setup 10 water filled barriers	0400	Date Updated:	29.06.12
POLICE					Drawn:	Major Events
TRAFFIC MARSHALS	1	Monitor closure		0400	Scale:	Not to Scale

Crew Number
RTA USE ONLY

Cross over point for vehicles to/from Phillip Lane, InterContinental, Sir Stamford Hotel & Quay Grand Suites

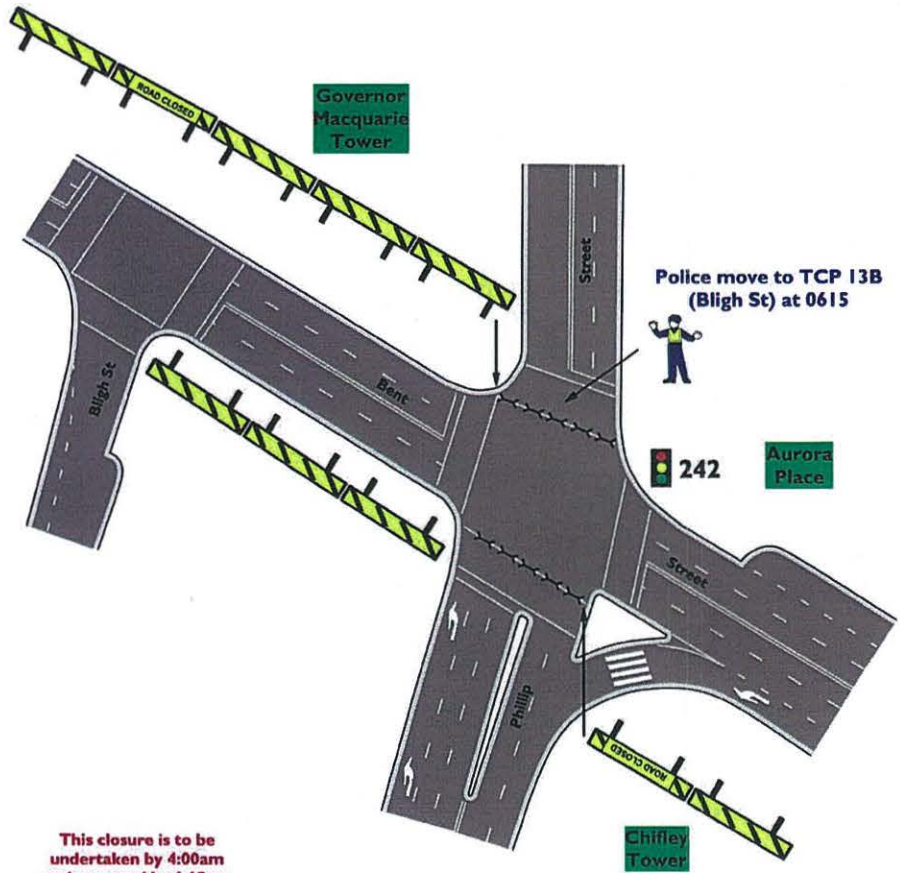
OPEN & CLOSED TIMING
for cross over point
Open ~ 4am - 6:50am
Closed ~ 6:50am - 8am
Open ~ 8am - 8:30am
Limited access ~ 8:30am-11:50am
Open ~ 11:50am - 12 Midday
Roads reopen 12 Midday



Please refer to Local Access Map for further detail on permitted vehicle movements.

TCP No.:		12 Half Closure of Bridge St eastern side of Phillip St, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	2	Manage cross over traffic		0400	Drawn:	Major Events
TRAFFIC MARSHALS	2	Monitor traffic flow		0400	Scale:	Not to Scale

Crew Number
RTA USE ONLY

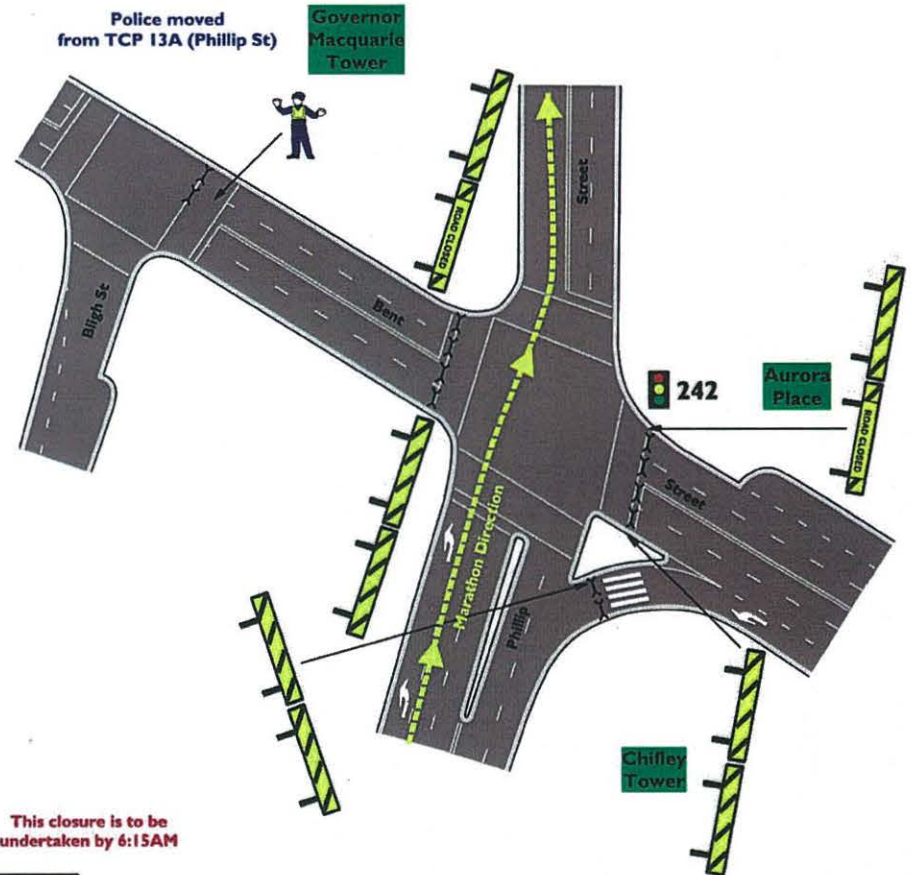


This closure is to be undertaken by 4:00am and removed by 6:15am once 13B & 14B are implemented

EAST/WEST CROSSING POINT UNTIL 6:15AM

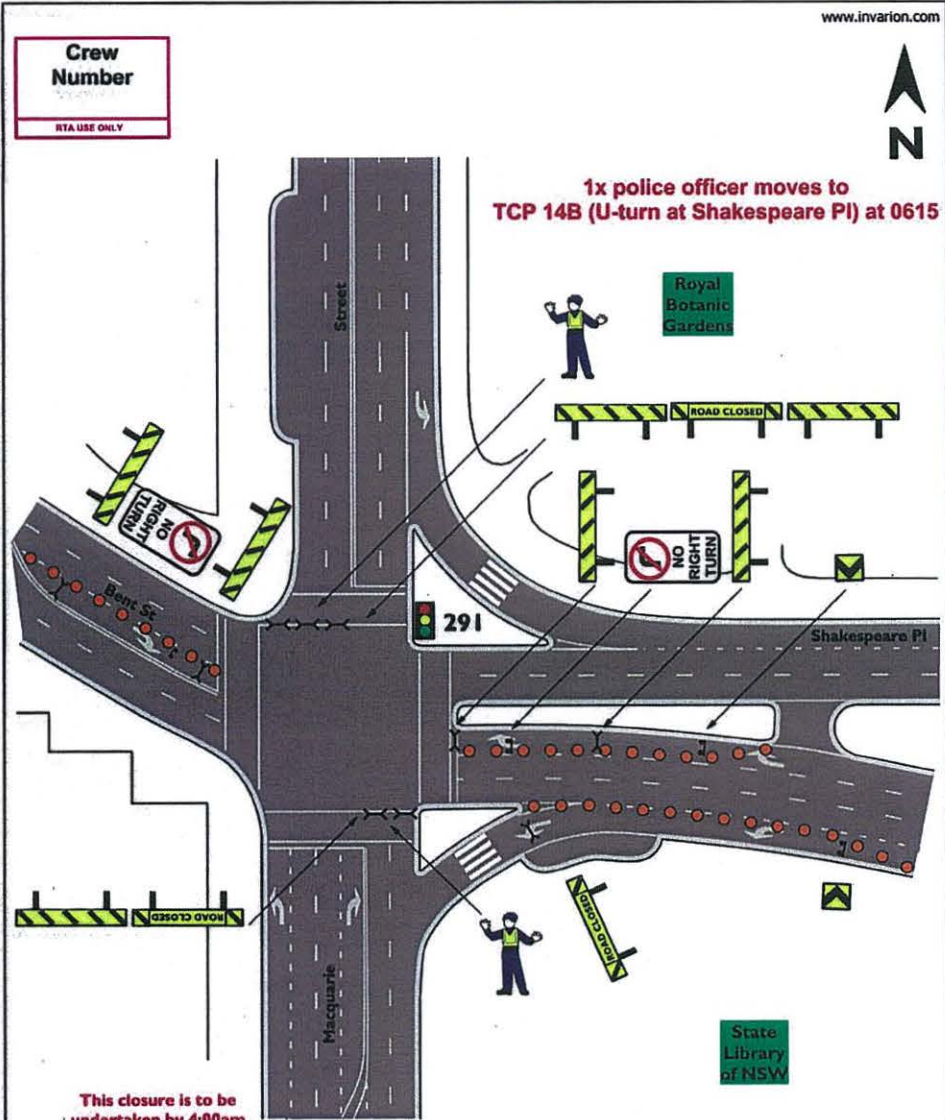
TCP No.: 13A		Closure of Phillip St at Bent St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400-0615	Date Updated: 29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0400-0615	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

Crew Number
RTA USE ONLY



This closure is to be undertaken by 6:15AM

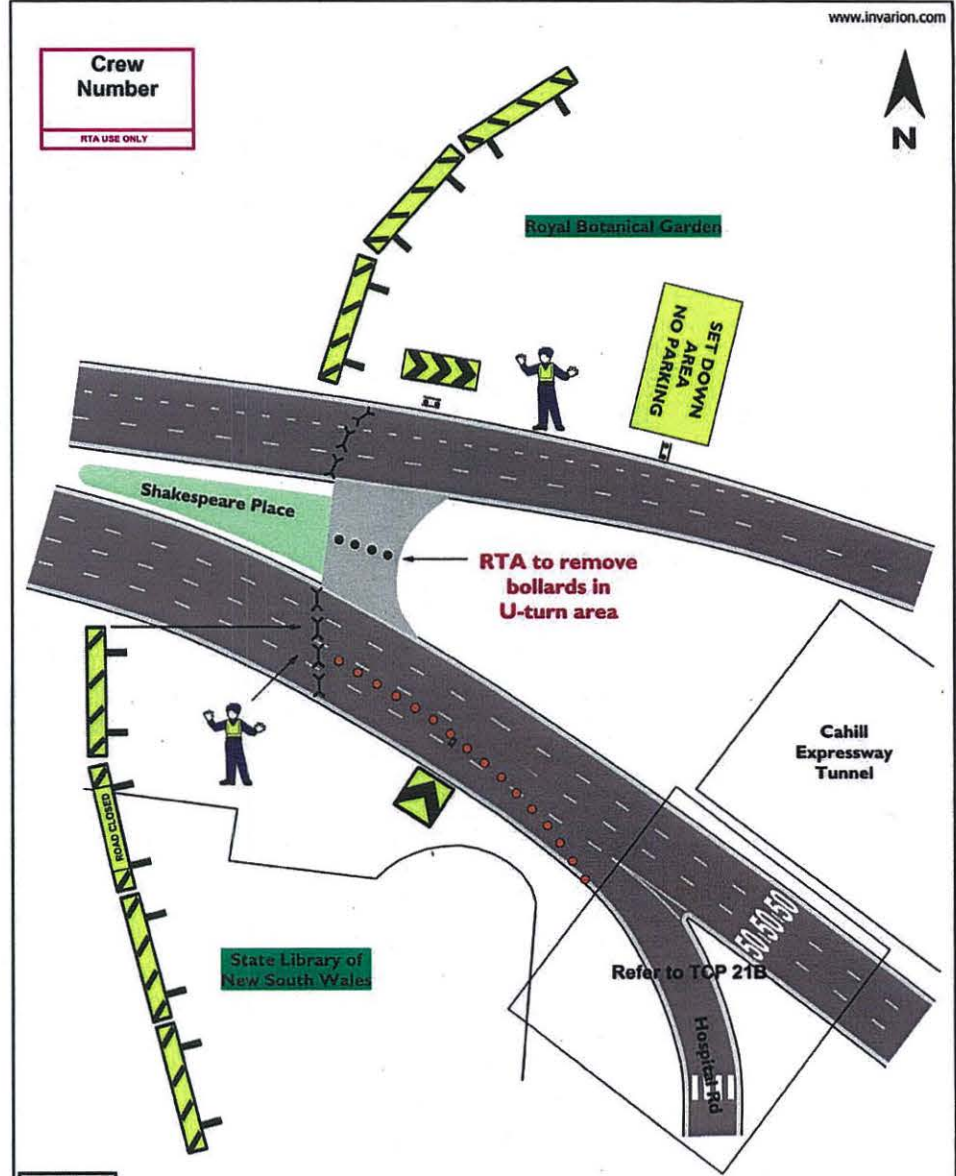
TCP No.: 13B		Closure of Bent St eastern side of Phillip St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0615	Date Updated: 29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0615	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



This closure is to be undertaken by 4:00am and removed by 6:15am once I3B & I4B are implemented

EAST/WEST CROSSING POINT UNTIL 6:15AM

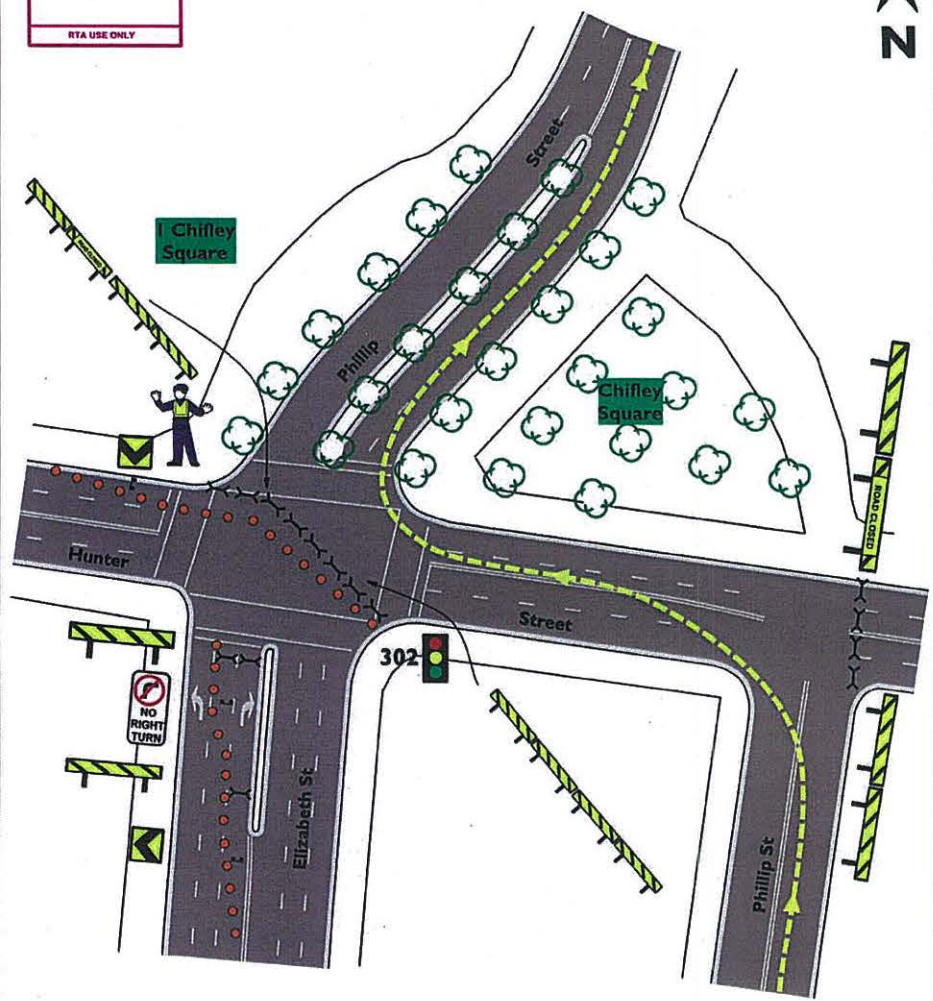
TCP No: I4A		Closure of Macquarie St at Shakespeare Pl & Bent St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400-0615	Date Updated: 29.06.12
POLICE	2	X Point. Manage traffic crossing Macquarie St		0400-0615	Drawn: Major Events NSW
TRAFFIC MARSHALS		Maintain closure			Scale: Not to Scale



RTA to remove bollards in U-turn area

TCP No: I4B		Closure of Shakespeare Pl east of Macquarie St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0615	Date Updated: 29.06.12
POLICE	2	Manage U turn movements at Shakespeare Pl		0615	Drawn: Major Events NSW
TRAFFIC MARSHALS					Scale: Not to Scale

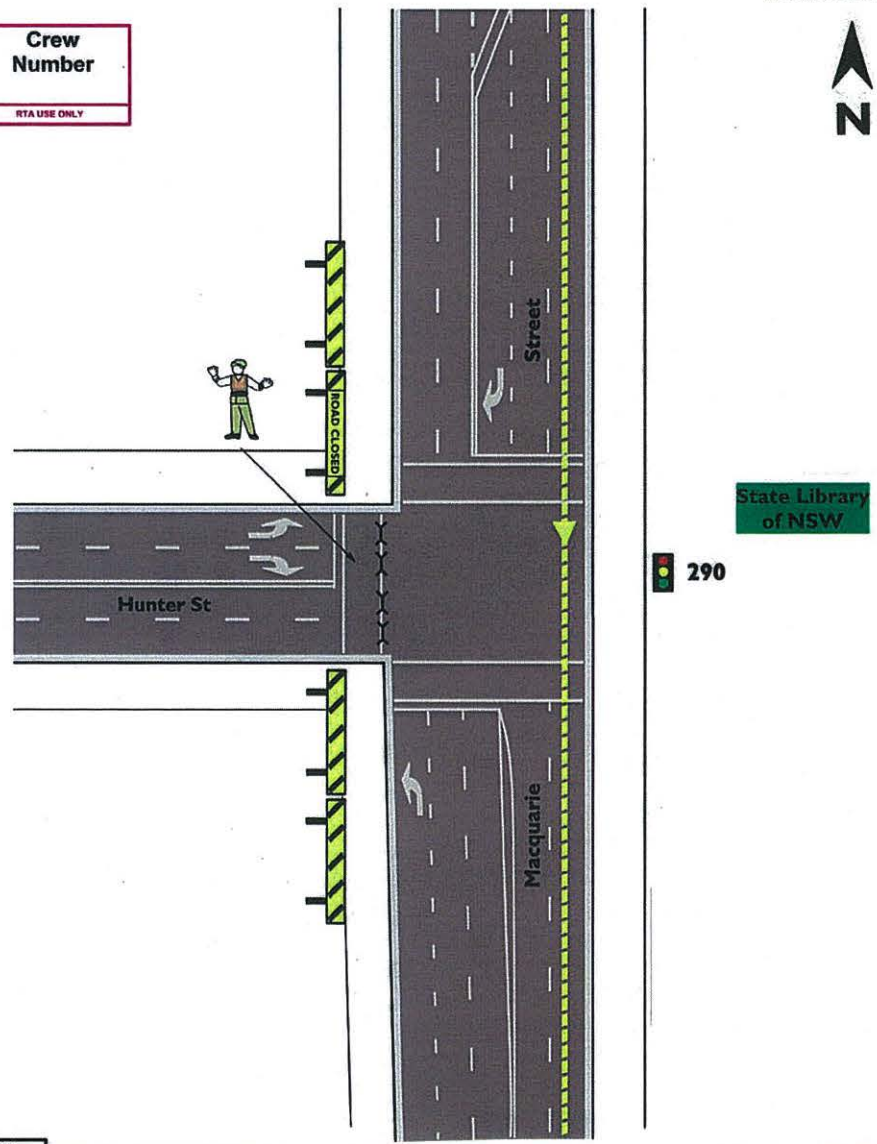
Crew Number
RTA USE ONLY



TCP No.: 15		Full closure of Phillip St and Hunter St eastern side of Elizabeth St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE	1	Manage traffic flow		0400	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



Crew Number
RTA USE ONLY



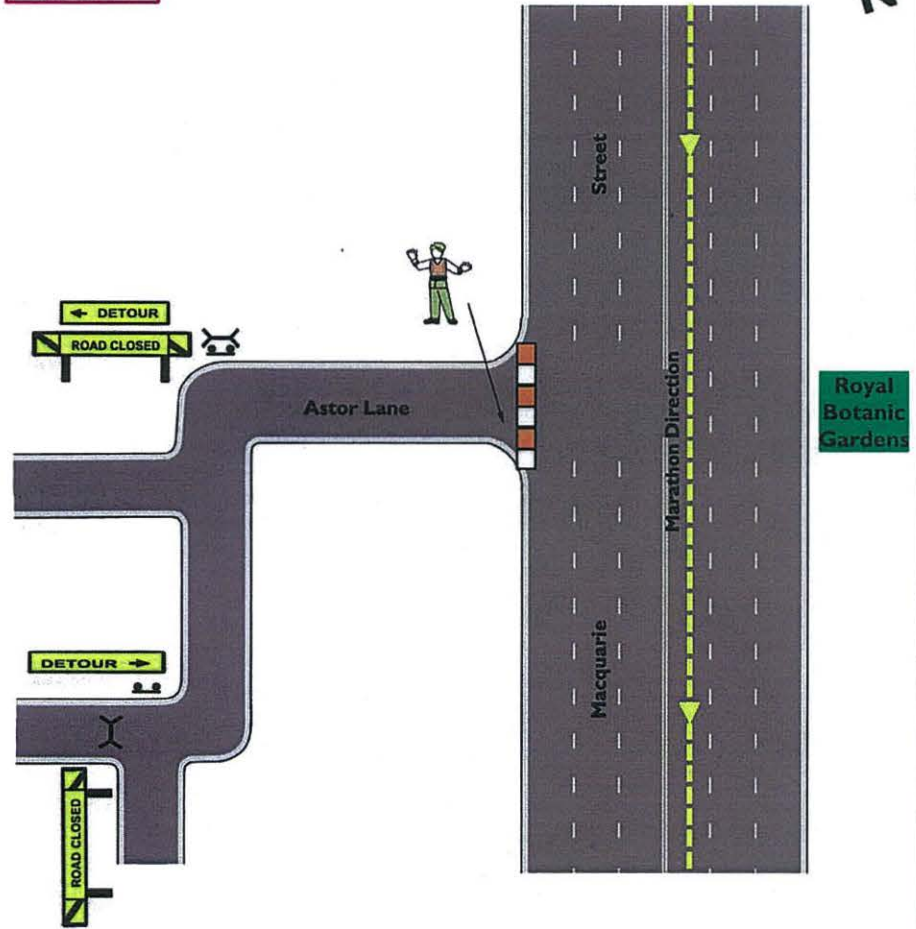
TCP No.: 16		Full Closure of Hunter St at Macquarie St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	1	Maintain Closure		0530	Scale: Not to Scale



290



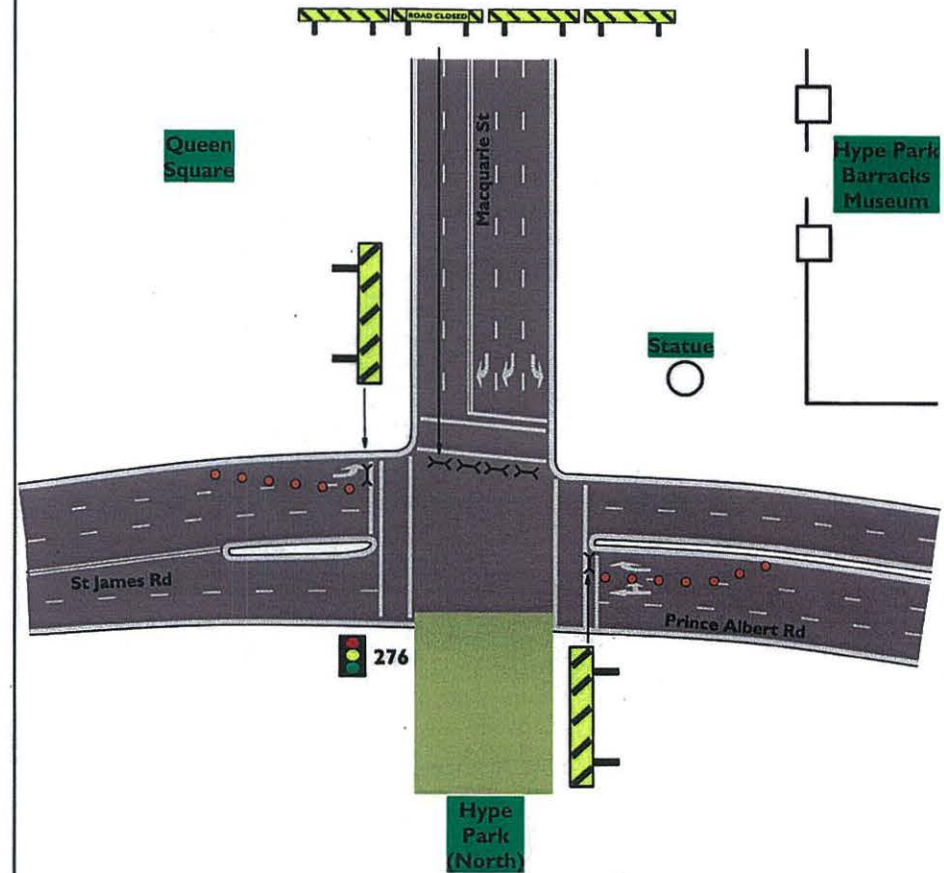
Crew Number
RTA USE ONLY



TCP No.: 17		Full Road of Astor Lane at Macquarie St, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs	Setup water filled barriers	0400	Date Updated: 29.06.12	Transport Management Centre
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	1	Maintain Closure	Monitor Traffic Flow		Scale: Not to Scale	

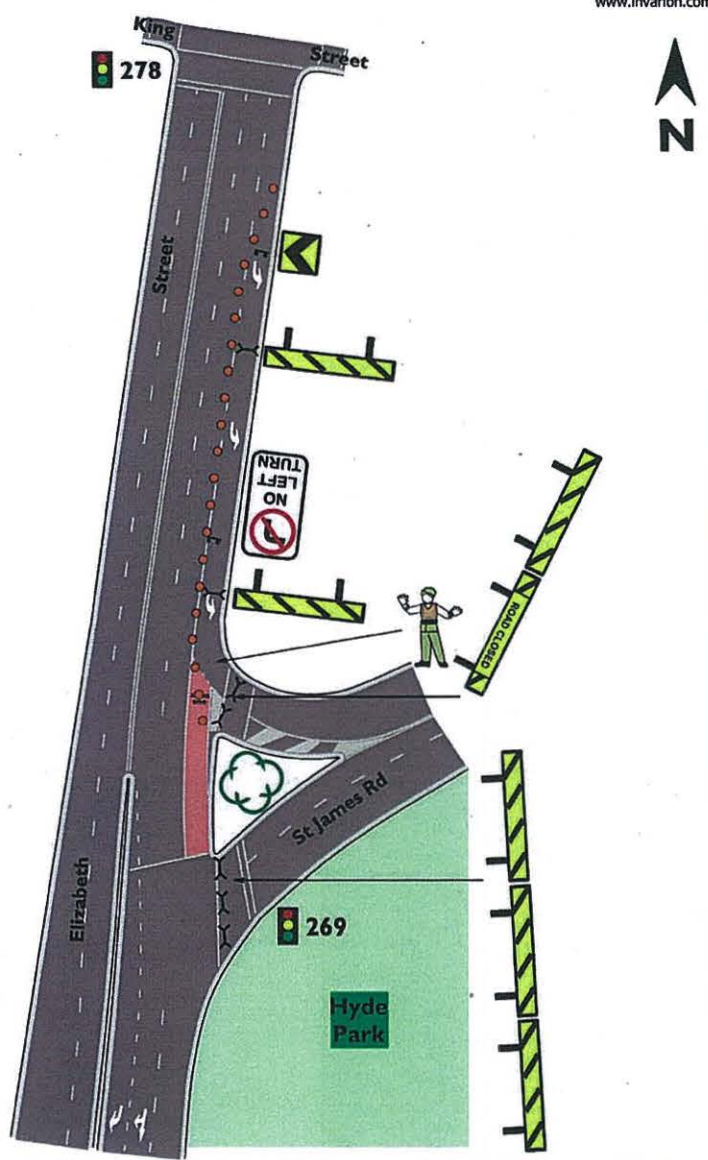
Crew Number
RTA USE ONLY

CONTINGENCY ROAD CLOSURE/REOPENING



TCP No.: 18		Half Closure of St James & Prince Albert Rds Eastbound at Macquarie St, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs			Date Updated: 29.06.12	Transport Management Centre
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

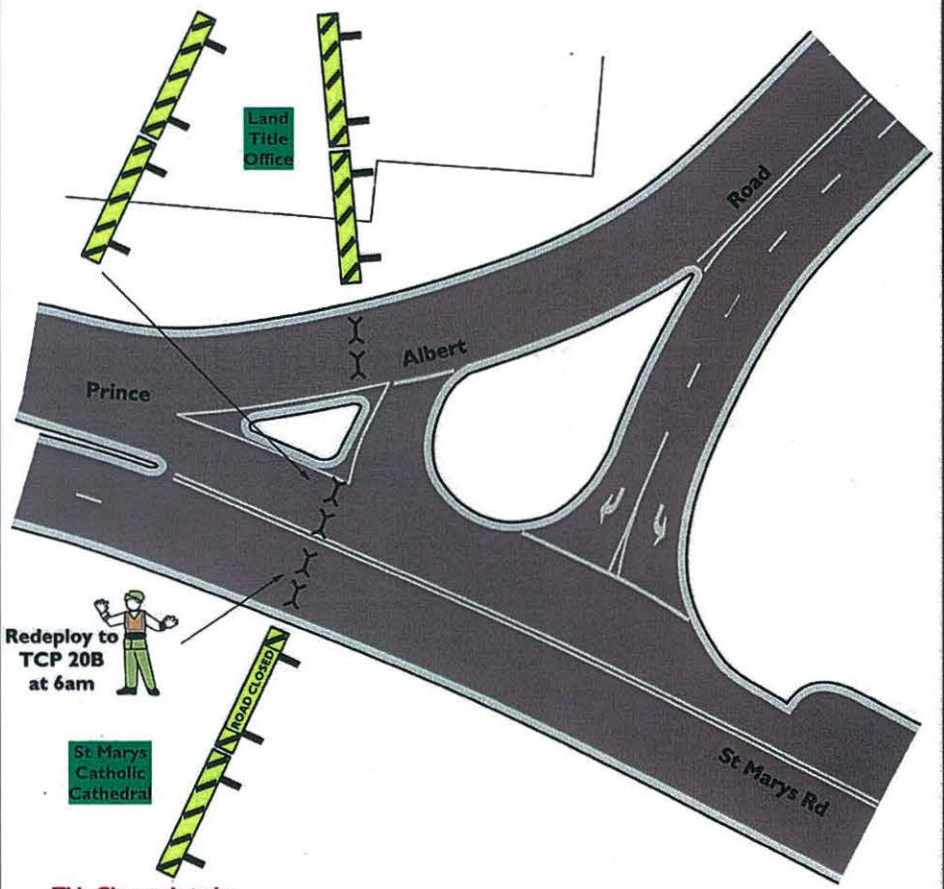
Crew Number
RTA USE ONLY



David Jones

TCP No.:		19				
		Full Road Closure St James Rd at Elizabeth St, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE					Drawn:	Major Events
TRAFFIC MARSHALS	1	Maintain Closure		0400	Scale:	Not to Scale

Crew Number
RTA USE ONLY



Redeploy to TCP 20B at 6am

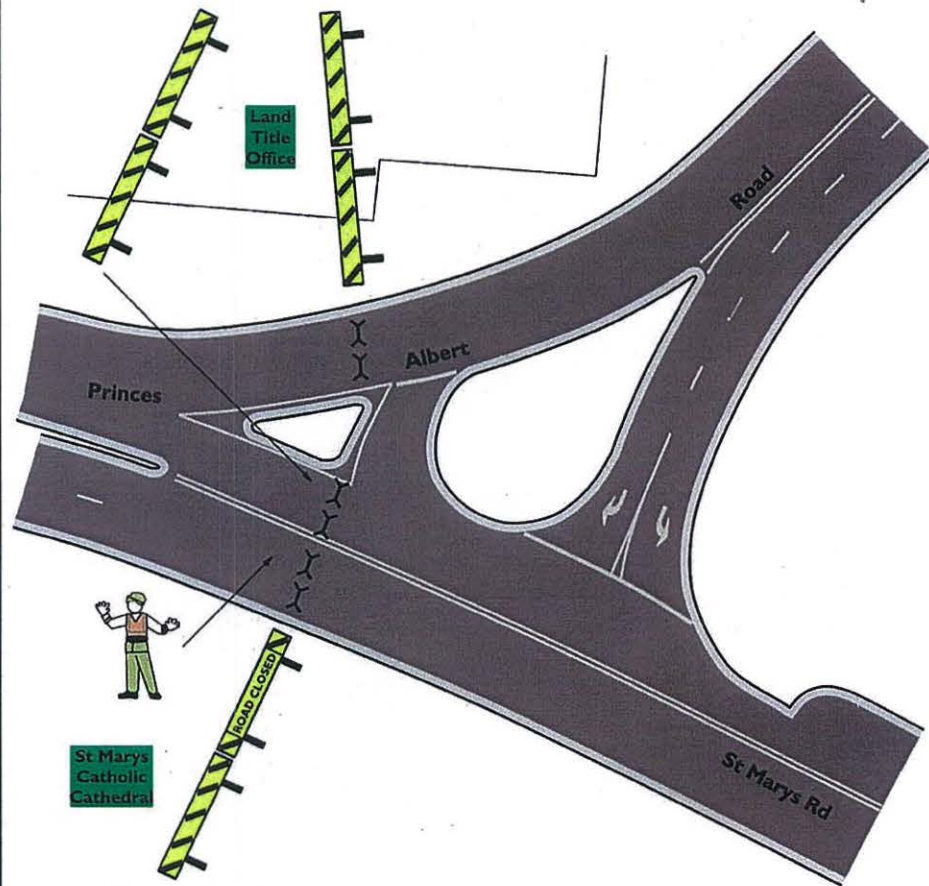
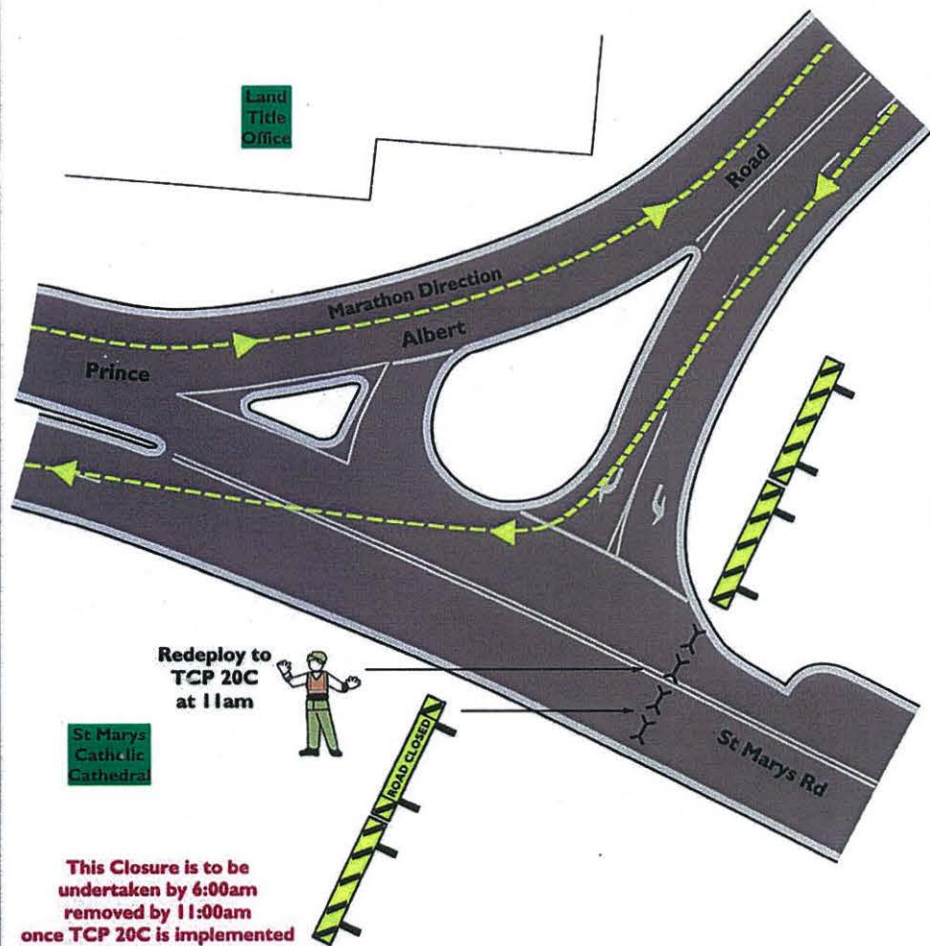
St Marys Catholic Cathedral

This Closure is to be undertaken by 4:00am and removed at 6:00am once 20B is implemented

TCP No.:		20A				
		Closure of Prince Albert Rd at St Marys Rd, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400-0600	Date Updated:	29.06.12
POLICE					Drawn:	Major Events
TRAFFIC MARSHALS	1	Monitor traffic flow		0400-0600	Scale:	Not to Scale

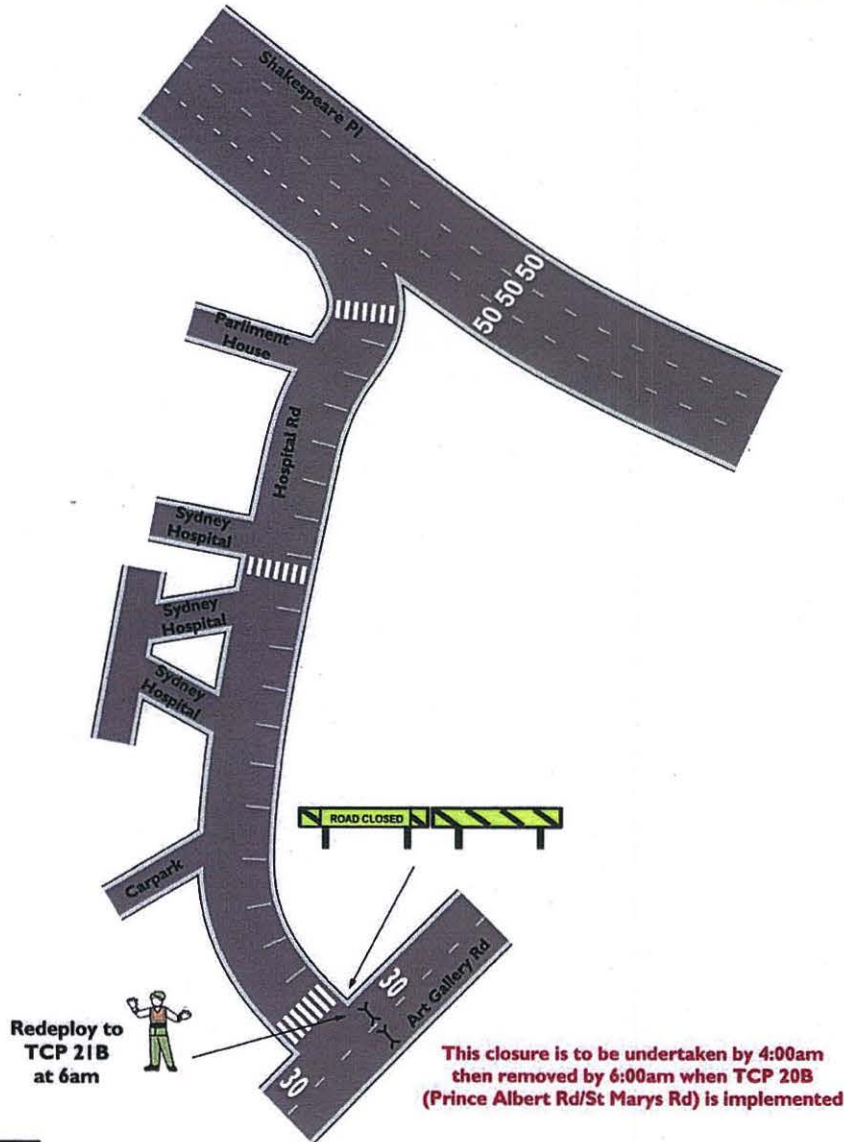
Crew Number
RTA USE ONLY

Crew Number
RTA USE ONLY

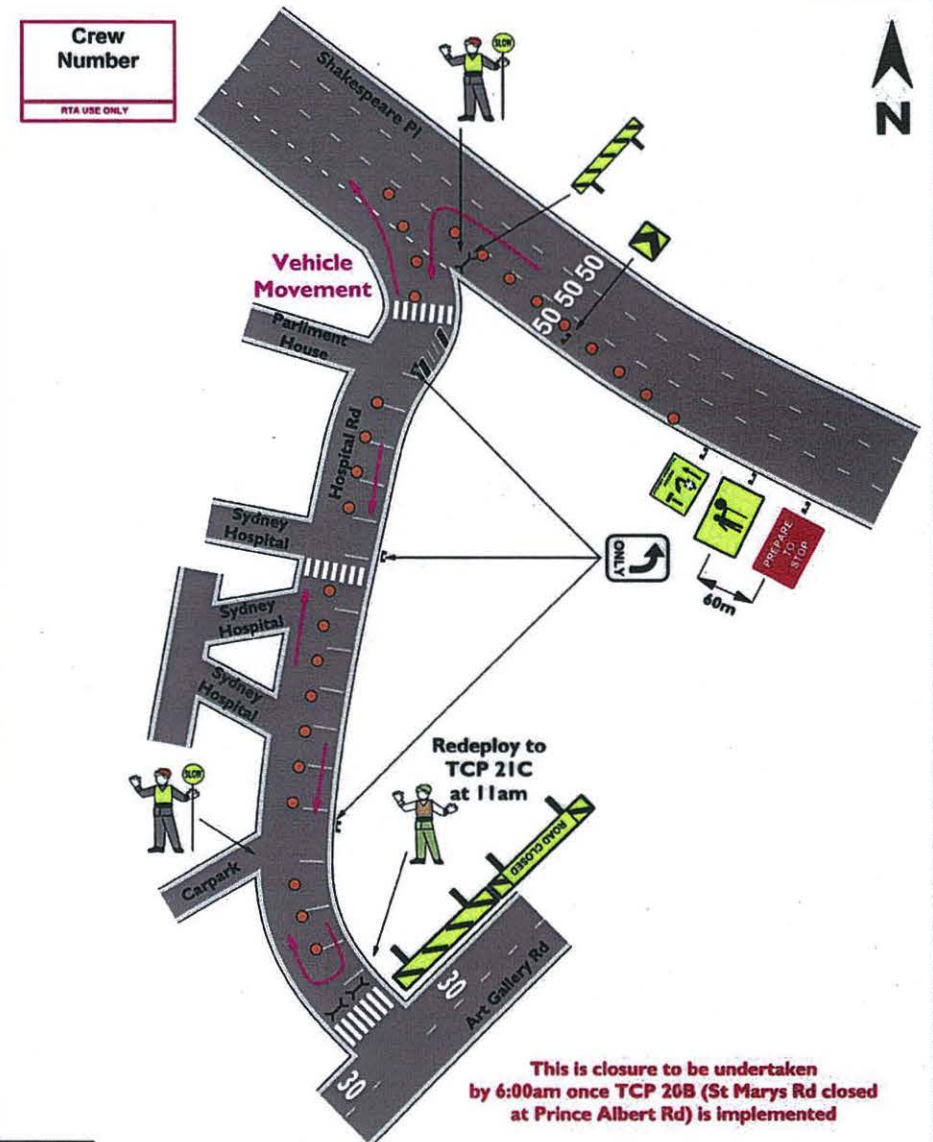


TCP No.: 20B		Closure of Prince Albert Rd at St Marys Rd, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0600-1100	Date Updated: 29.06.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	1	Monitor traffic flow		0600-1100	Scale: Not to Scale	

TCP No.: 20C		Closure of Prince Albert Rd at St Marys Rd, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		Approx 1100	Date Updated: 29.06.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	1	Monitor traffic flow		Approx 1100	Scale: Not to Scale	

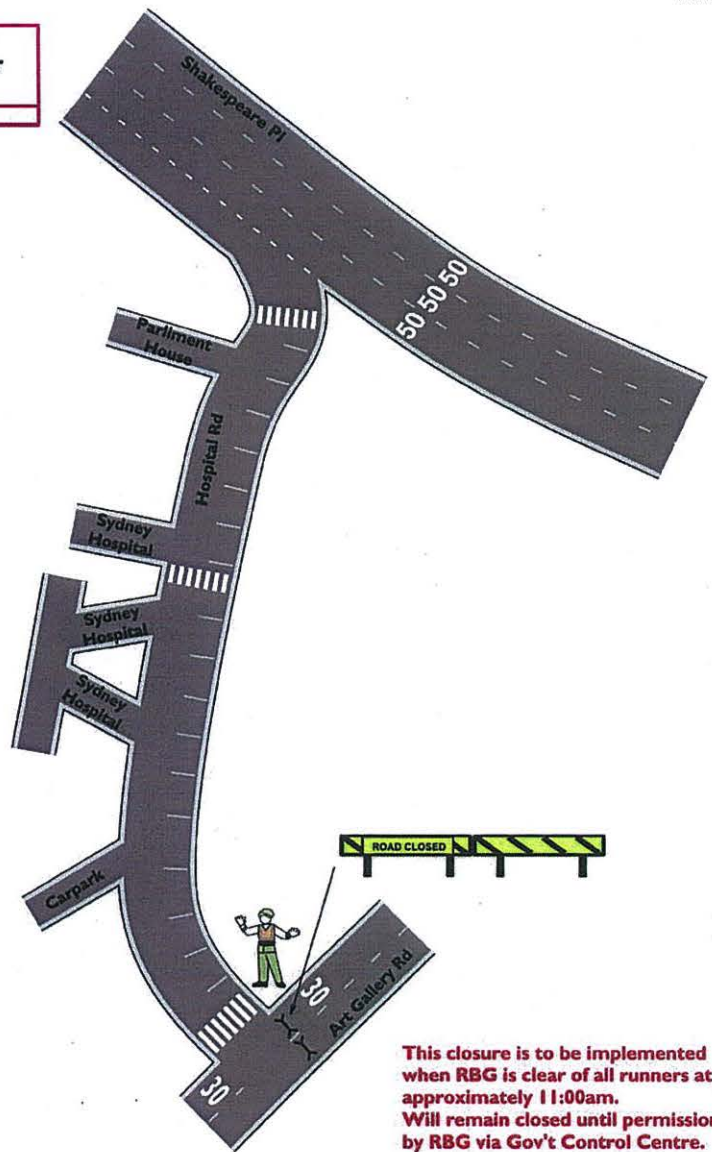


TCP No.: 21A		Closure of Art Gallery Rd at Hospital Rd, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs	Remove SEC Signage through RBG	0400-0600	Date Updated: 29.06.12	Transport Management Centre
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	1	Maintain Closure		0400-0600	Scale: Not to Scale	



TCP No.: 21B		Closure of Hospital Rd at Art Gallery Rd, Sydney Two way on Hospital Rd from Shakespeare Pl, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS	2	Supply & setup barricades & signs	Stop/Slow Traffic Control	0600-1100	Date Updated: 29.06.12	Transport Management Centre
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	1	Monitor traffic flow		0600-1100	Scale: Not to Scale	

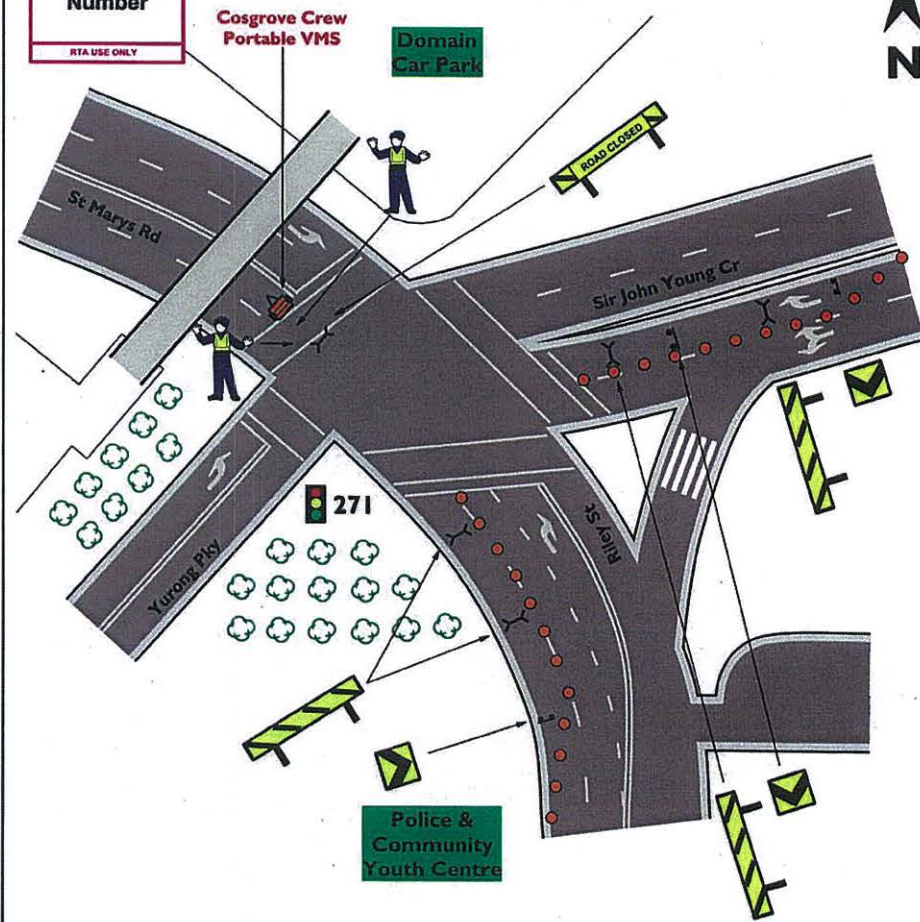
Crew Number
RTA USE ONLY



This closure is to be implemented when RBG is clear of all runners at approximately 11:00am. Will remain closed until permission is given by RBG via Gov't Control Centre.

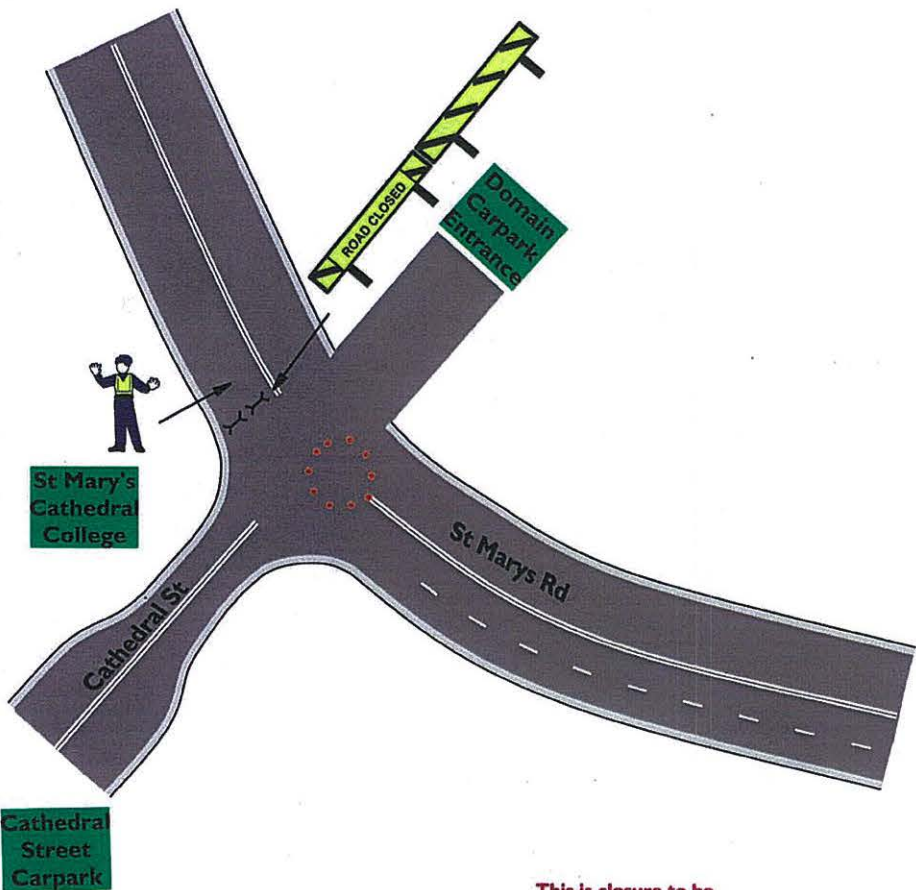
TCP No.: 21C		Closure of Art Gallery Rd at Hospital Rd, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs			Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	1	Setup barricades	Maintain closure	Approx 1100	Scale: Not to Scale

Crew Number
RTA USE ONLY



TCP No.: 22		St Marys Rd, Riley St & Sir John Young Cr, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0600	Date Updated: 29.06.12
POLICE	2	Screen Vehicles Cathedral St & Carpark only	Monitor traffic flow	0600	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

Crew Number
RTA USE ONLY

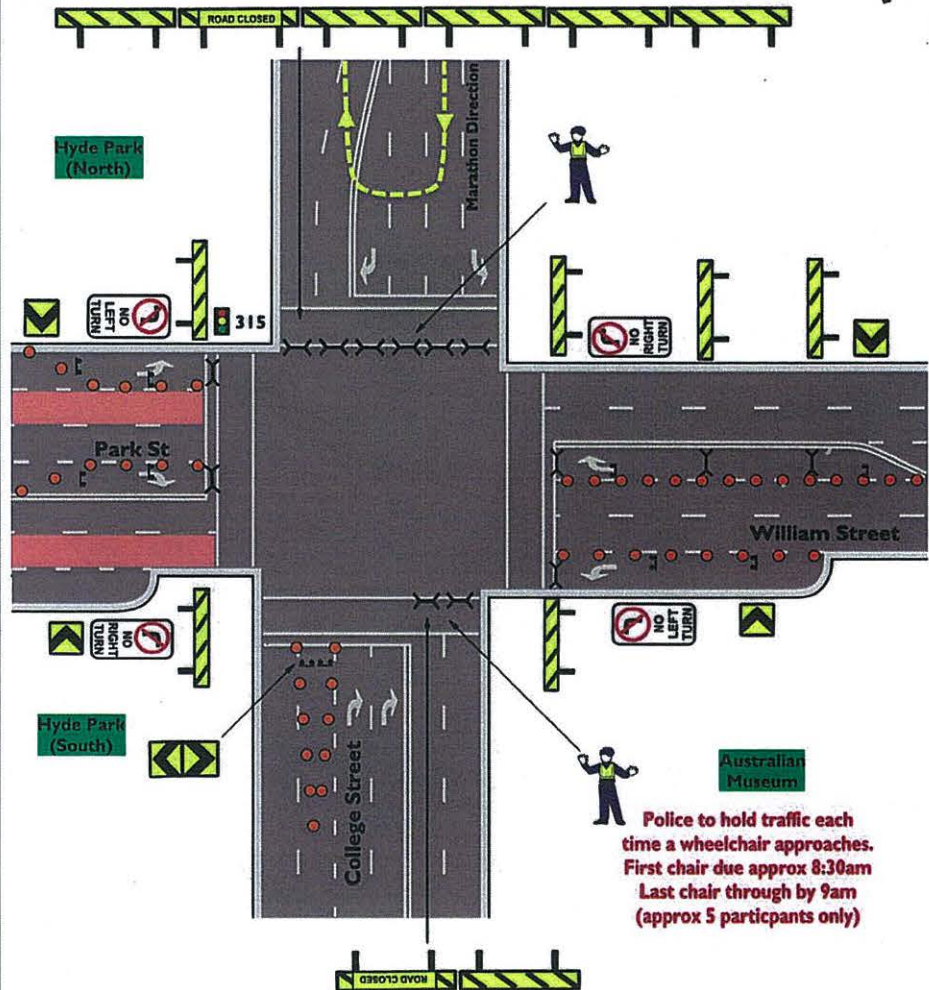


This is closure to be undertaken by 6:00am and removed at approx. 11:00am once TCP 20C & 21C are implemented

TCP No.: 23		Half Closure of St Mary's Rd western side of Cathedral St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0600-approx. 1100 Date Updated: 29.06.12	
POLICE	1	Monitor traffic flow		0600-approx. 1100 Drawn: Major Events	
TRAFFIC MARSHALS				Scale: Not to Scale	

Crew Number
RTA USE ONLY

Phase I of 3: 4am-8:30am

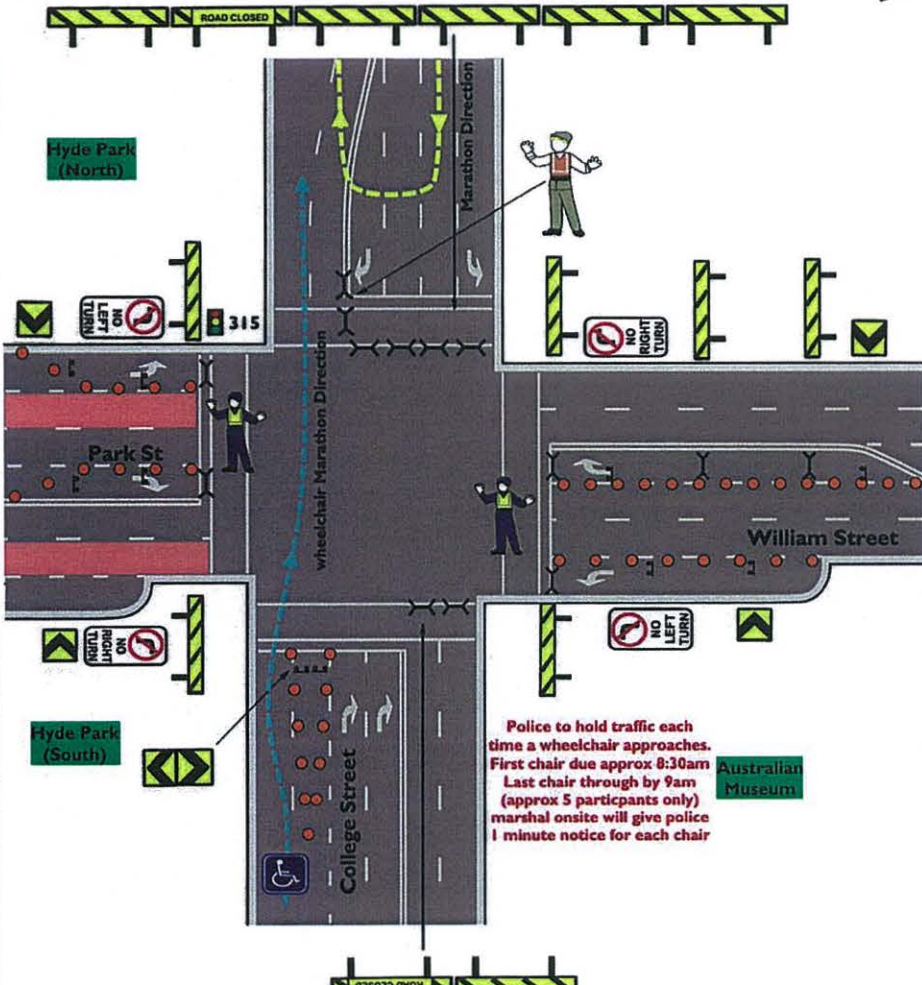


Police to hold traffic each time a wheelchair approaches. First chair due approx 8:30am Last chair through by 9am (approx 5 participants only)

TCP No.: 24A		Half Closure College St at Park and William St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400-0830 Date Updated: 29.06.12	
POLICE	2	Monitor traffic flow		0400-0830 Drawn: Major Events	
TRAFFIC MARSHALS				Scale: Not to Scale	

Crew Number
RTA USE ONLY

Phase 2 of 3: 8:30am-9am
Hold Traffic periodically
for wheelchair return

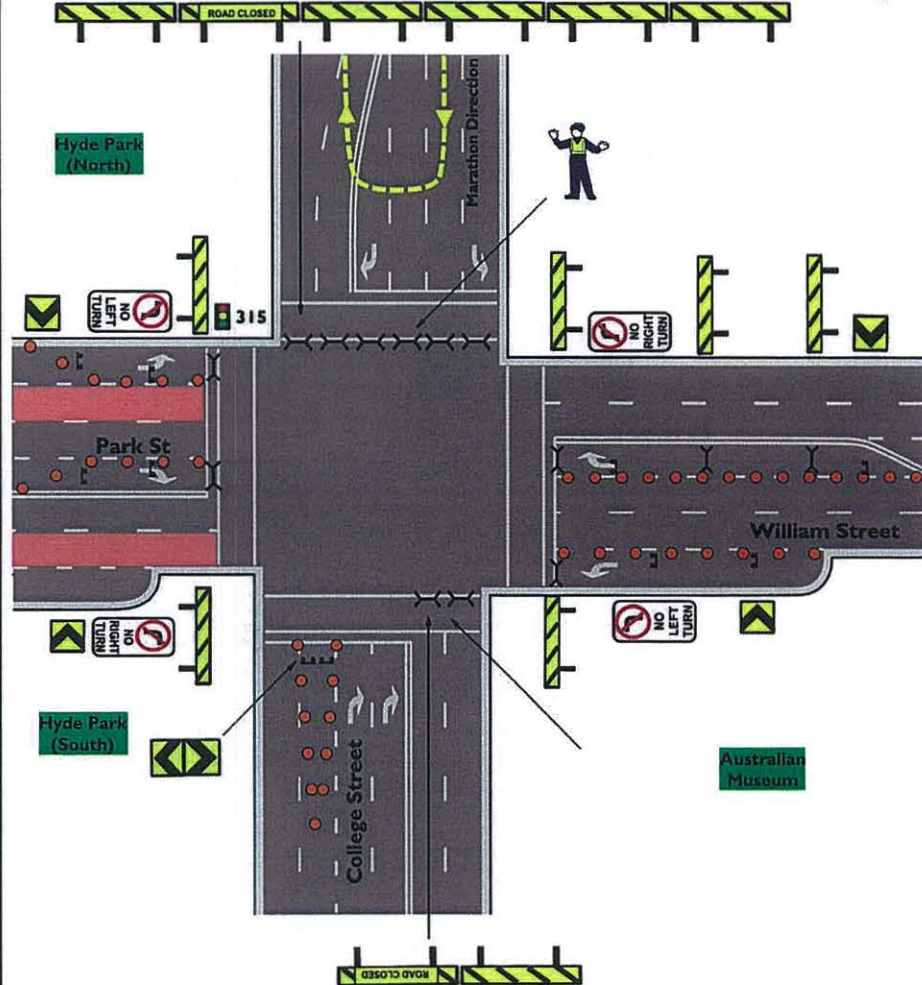


Police to hold traffic each time a wheelchair approaches. First chair due approx 8:30am. Last chair through by 9am (approx 5 participants only) marshal onsite will give police 1 minute notice for each chair

TCP No.: 24B		Half Closure College St at Park and William St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0830-0900	Date Updated: 29.06.12
POLICE	2	Monitor traffic flow		0830-0900	Drawn: Major Events
TRAFFIC MARSHALS		Give police 3min & 1min notice before each chair approaches	Move barriers to allow wheelchair access	0800	Scale: Not to Scale

Crew Number
RTA USE ONLY

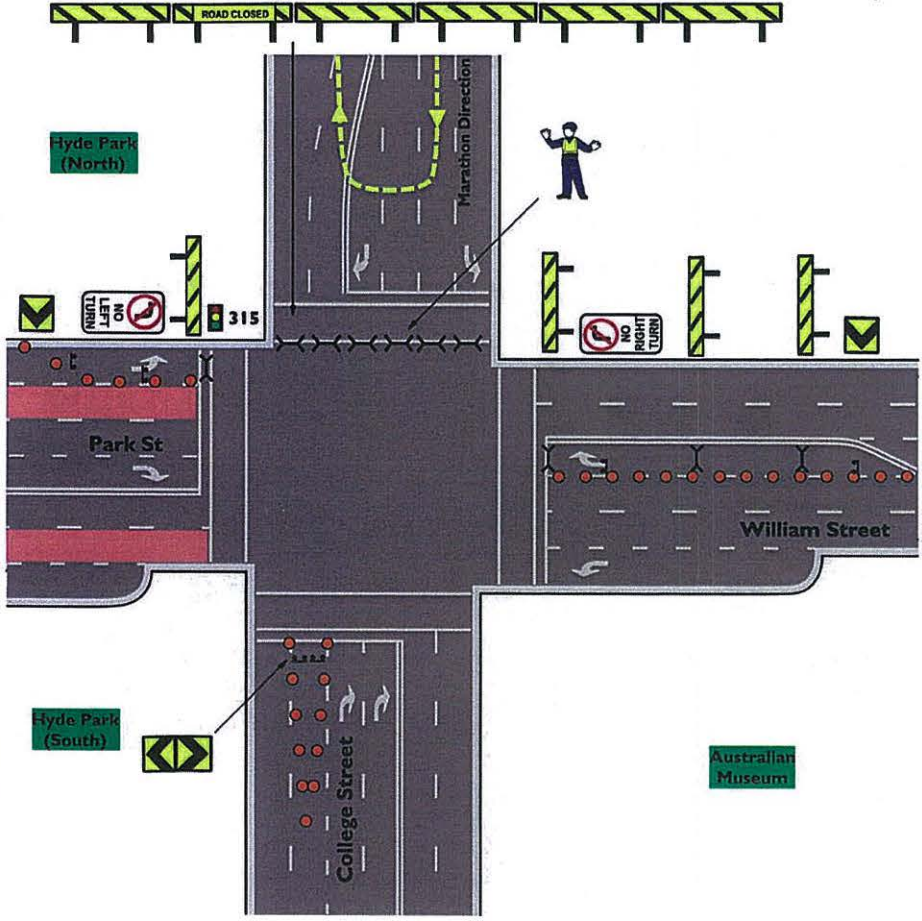
Phase 3 of 3: 9am-approx midday



TCP No.: 24C		Half Closure College St at Park and William St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0900	Date Updated: 29.06.12
POLICE	2	Monitor traffic flow		0900	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

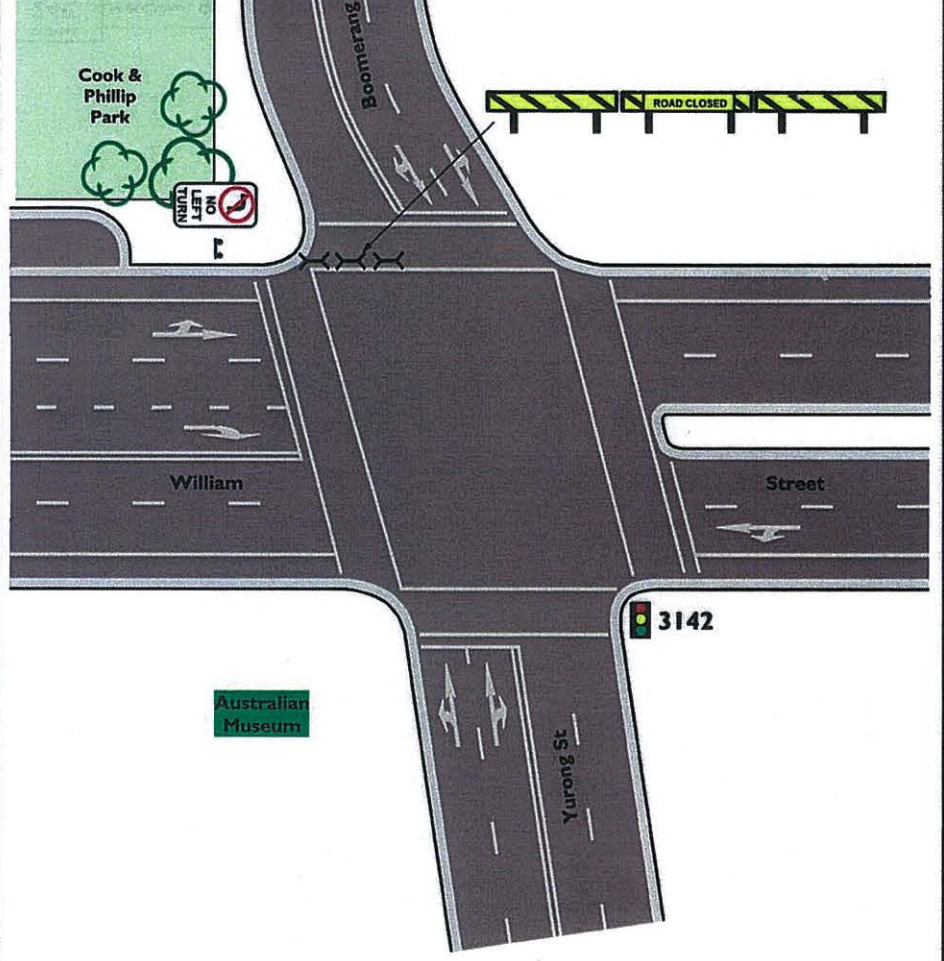
Crew Number
RTA USE ONLY

CONTINGENCY ROAD CLOSURE/REOPENING



TCP No.: 24D		Half Closure College St at Park and William St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs			Date Updated: 29.06.12
POLICE	1	Monitor traffic flow			Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

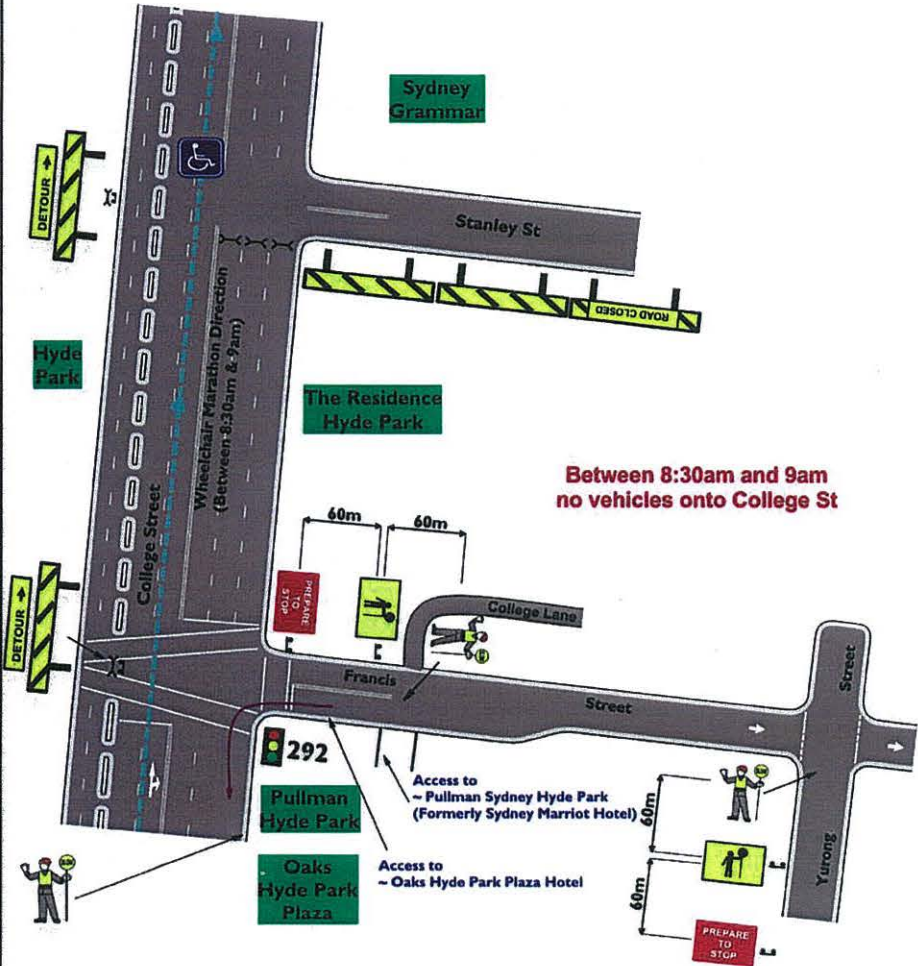
Crew Number
RTA USE ONLY



TCP No.: 25		Half Road Closure Boomerang PI at William St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs	Remove barricades & signs at approx. 12pm	0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



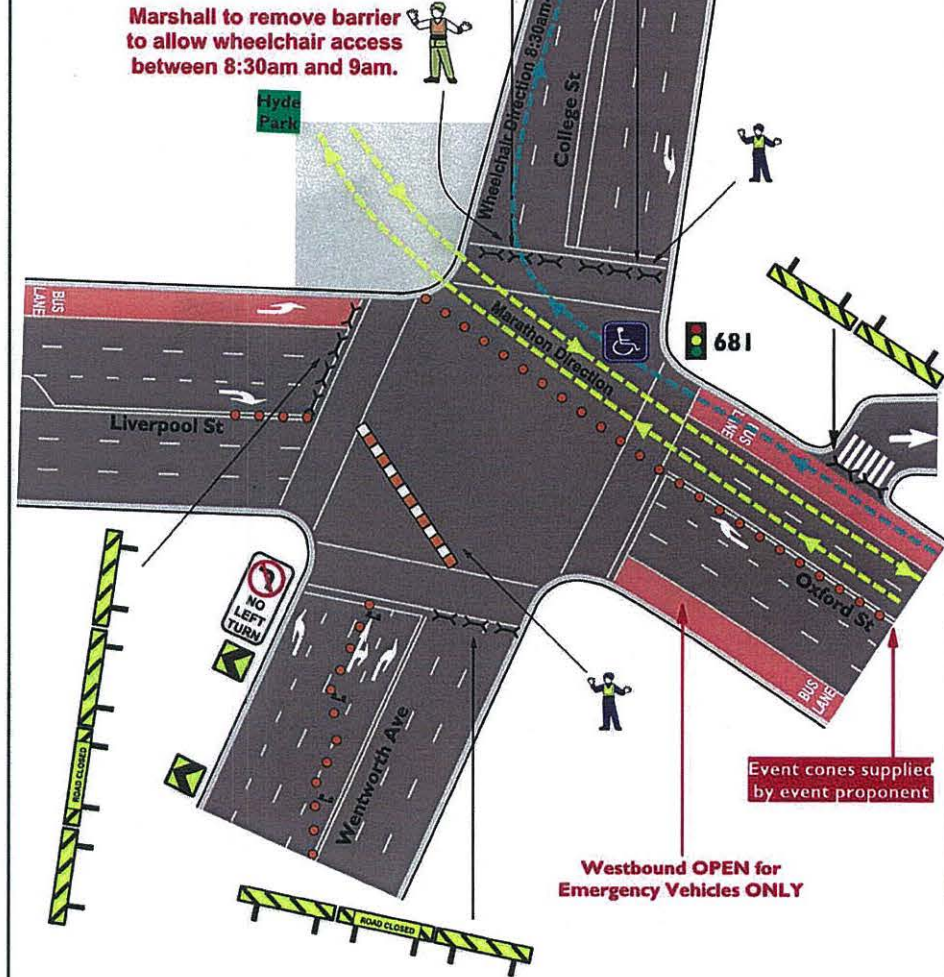
Crew Number
RTA USE ONLY



TCP No.: 26		Full Closure of Stanley St & Francis St at College St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	3	Stop/ Slow traffic control	Allow vehicles to access hotel	0400	Scale: Not to Scale

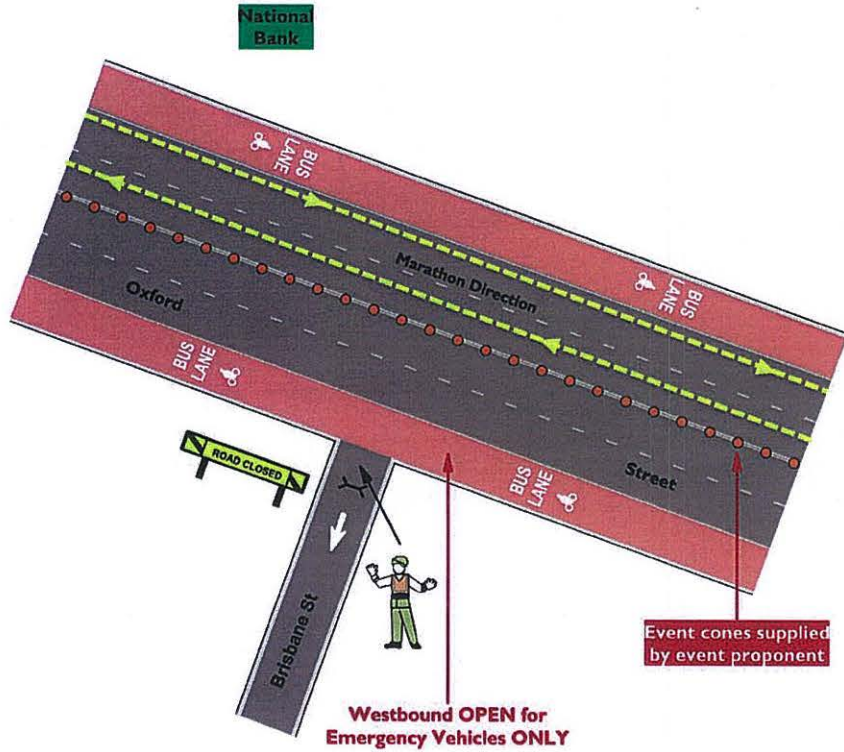


Crew Number
RTA USE ONLY



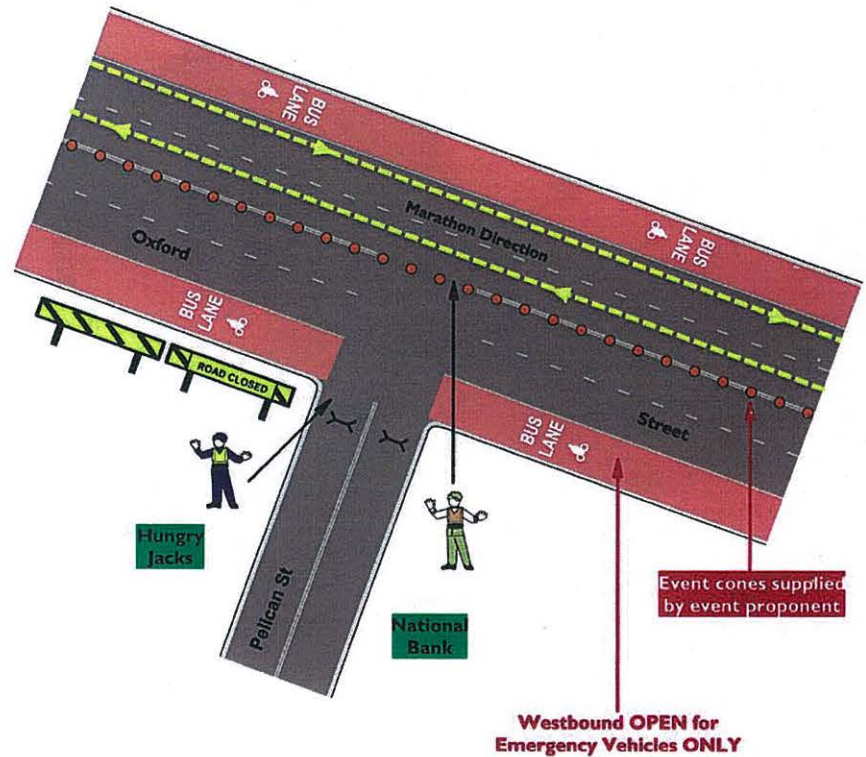
TCP No.: 27		Closure of Wentworth Ave, Oxford St, College St & Liverpool St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs	Supply & setup 10 water filled barriers	0400	Date Updated: 29.06.12
POLICE	2	Monitor traffic flow		0400	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

Crew Number
RTA USE ONLY



TCP No.: 28		Closure of Pelican St at Oxford St, Surry Hills					
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival		
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12	Transport Management Centre	
POLICE					Drawn: Major Events		
TRAFFIC MARSHALS	1	Monitor traffic flow		0400	Scale: Not to Scale		

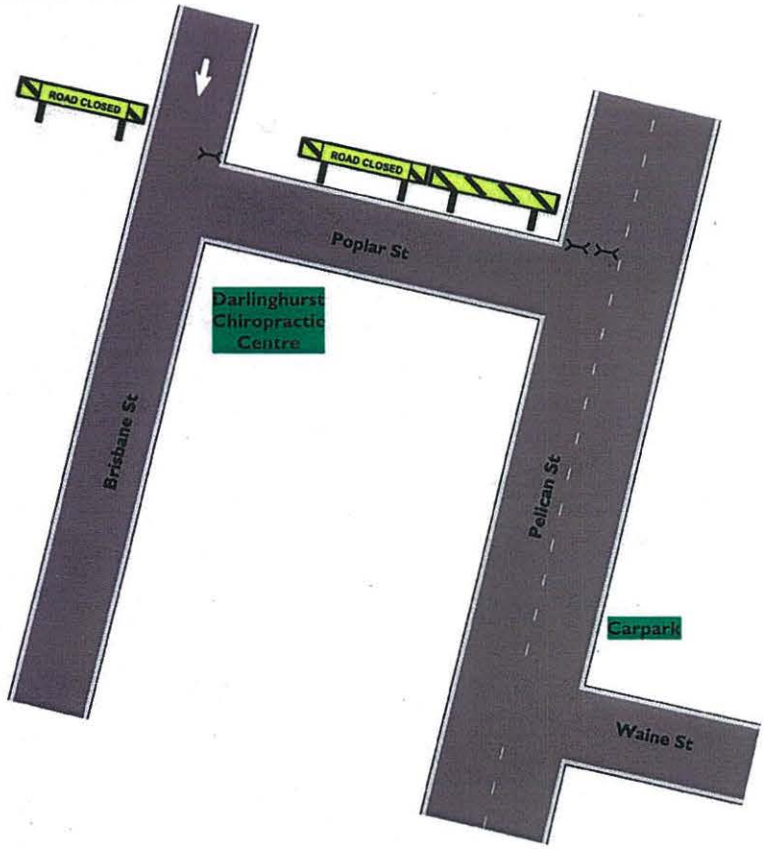
Crew Number
RTA USE ONLY



TCP No.: 29		Sydney Running Festival Closure of Pelican St at Oxford St, Surry Hills					
AGENCY	STAFF ON-SITE	PRIMARY TASK	SECONDARY TASK	TIMES	Drawn:	RTA	
RTA		Supply & setup barricades & signs		0400	Sheet No.: 1 of 1	Transport Management Centre	
POLICE	1	Maintain Closure		0400	Date Modified: 11.07.11		
TRAFFIC MARSHALS	1	Maintain infrastructure		0400	Scale: Not to Scale		

Crew Number

RTA USE ONLY



TCP No.: 30		Closure of Pelican St South of Waine St and Brisbane St South of Poplar St, Surry Hills			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs	Remove barricades & signs approx. 12pm	0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

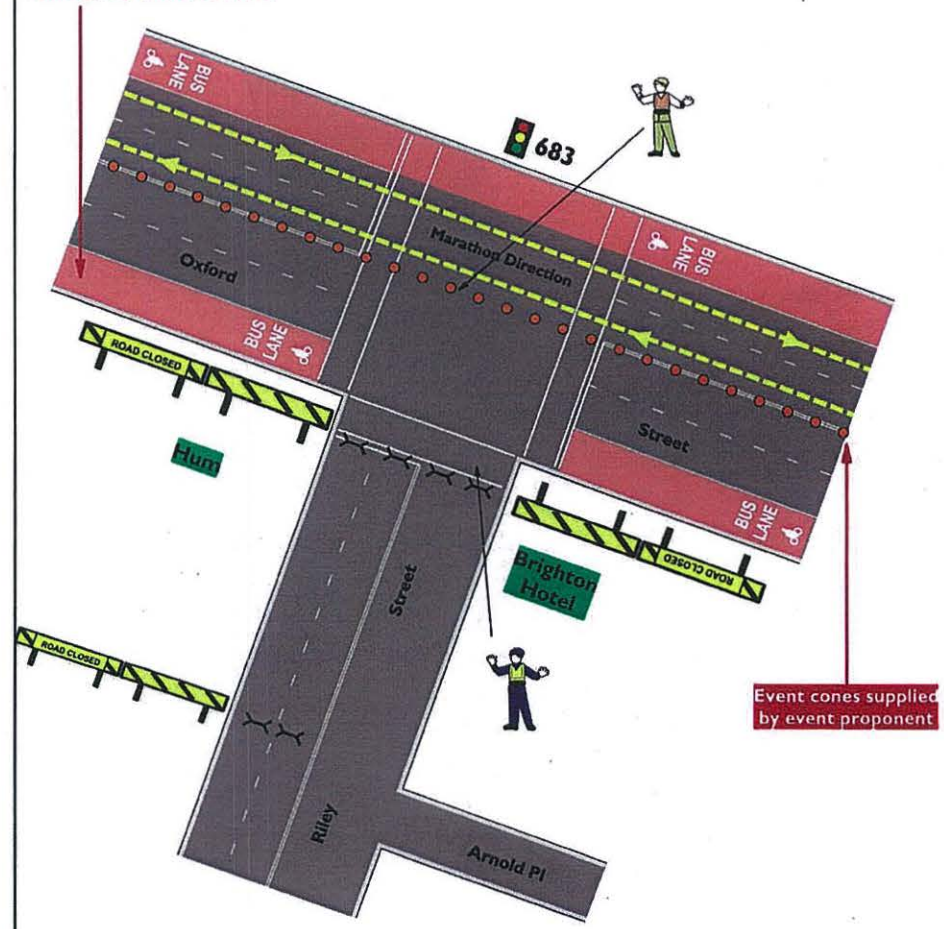


Crew Number

RTA USE ONLY



Westbound OPEN for Emergency Vehicles ONLY



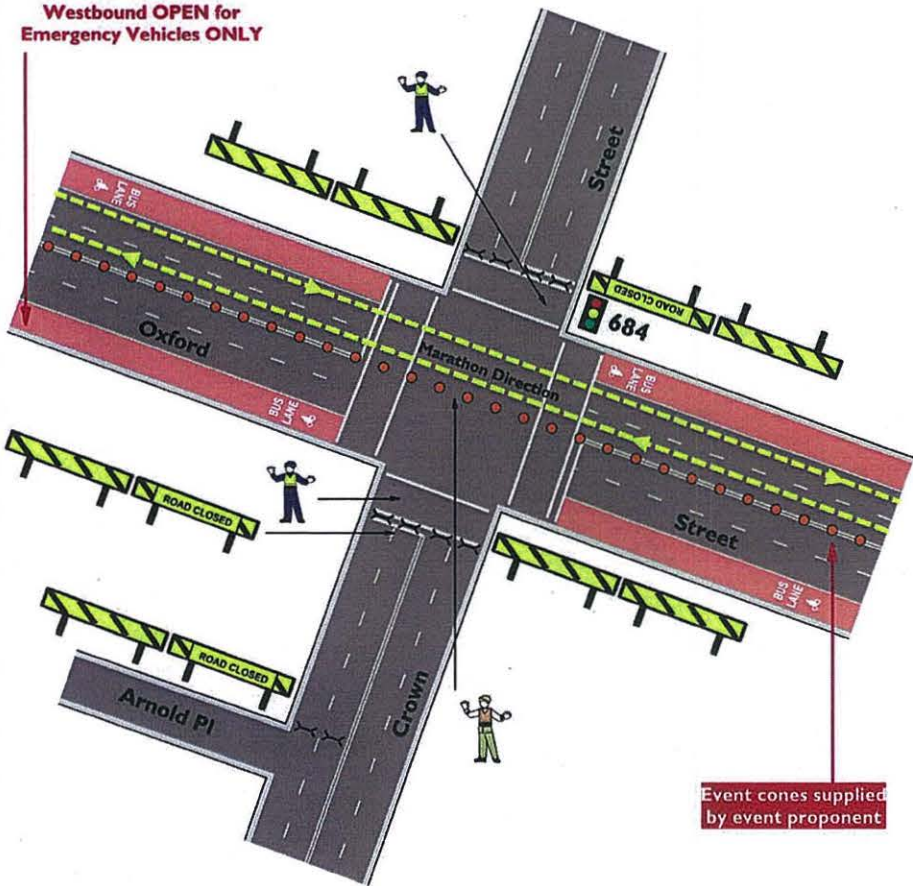
TCP No.: 31		Closure of Riley St at Oxford St, Darlinghurst / Surry Hills			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE	1	Maintain closure		0400	Drawn: Major Events
TRAFFIC MARSHALS	1	Maintain Infrastructure		0400	Scale: Not to Scale



Crew Number
RTA USE ONLY



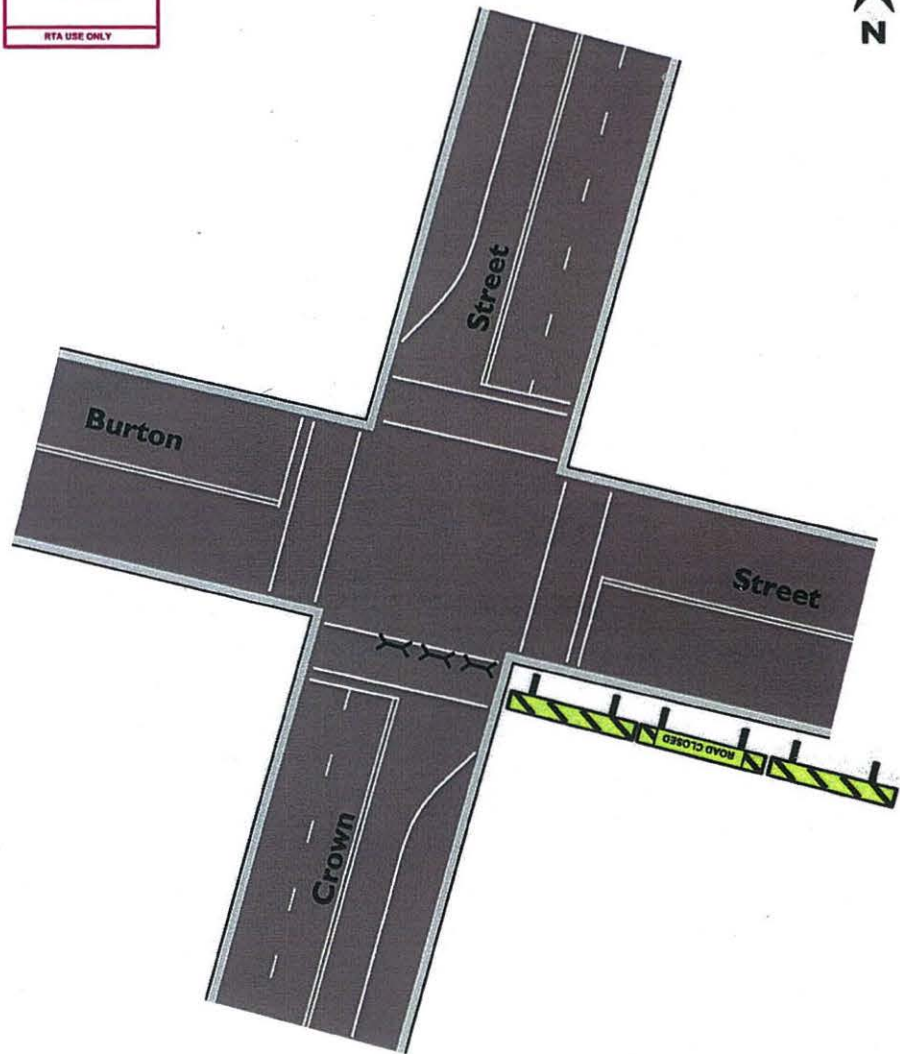
**Westbound OPEN for
Emergency Vehicles ONLY**



Event cones supplied
by event proponent

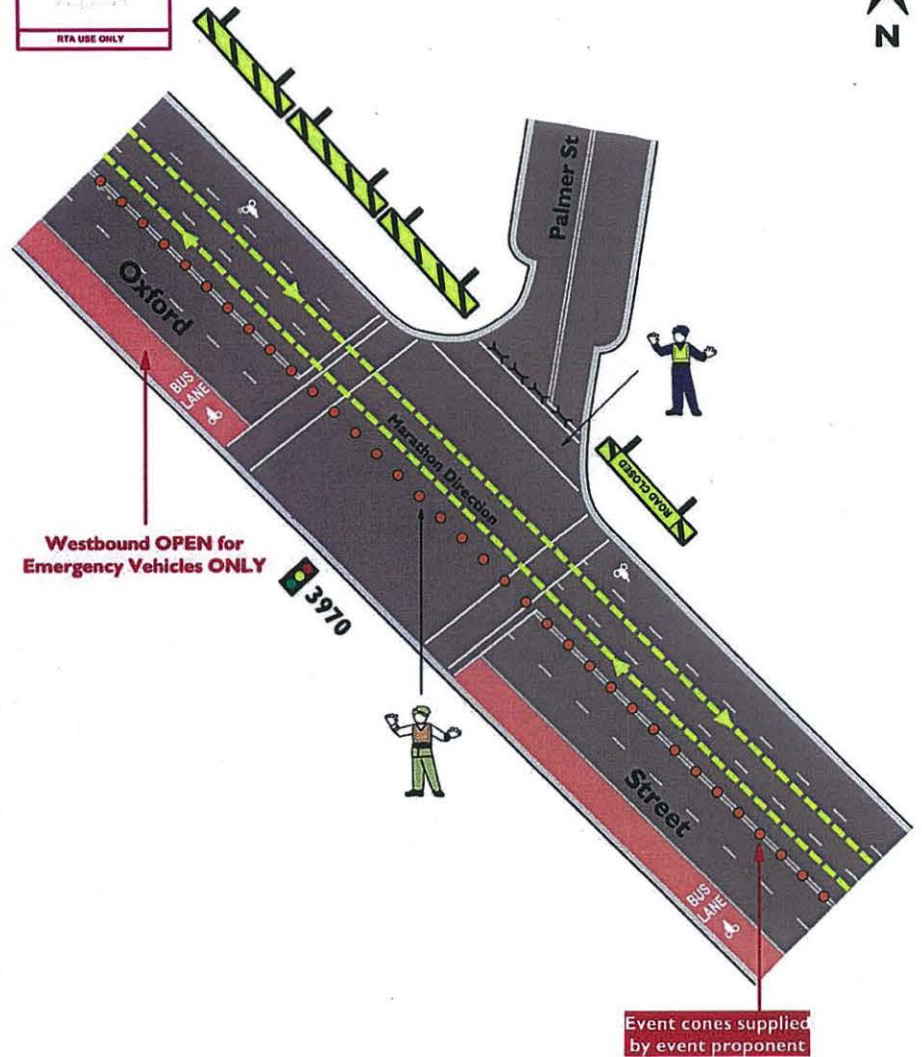
TCP No.: 32		Closure of Crown St at Oxford St, Darlinghurst				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	2	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS	1	Stop/ slow traffic control		0400	Scale:	Not to Scale
					Transport Management Centre	

Crew Number
RTA USE ONLY



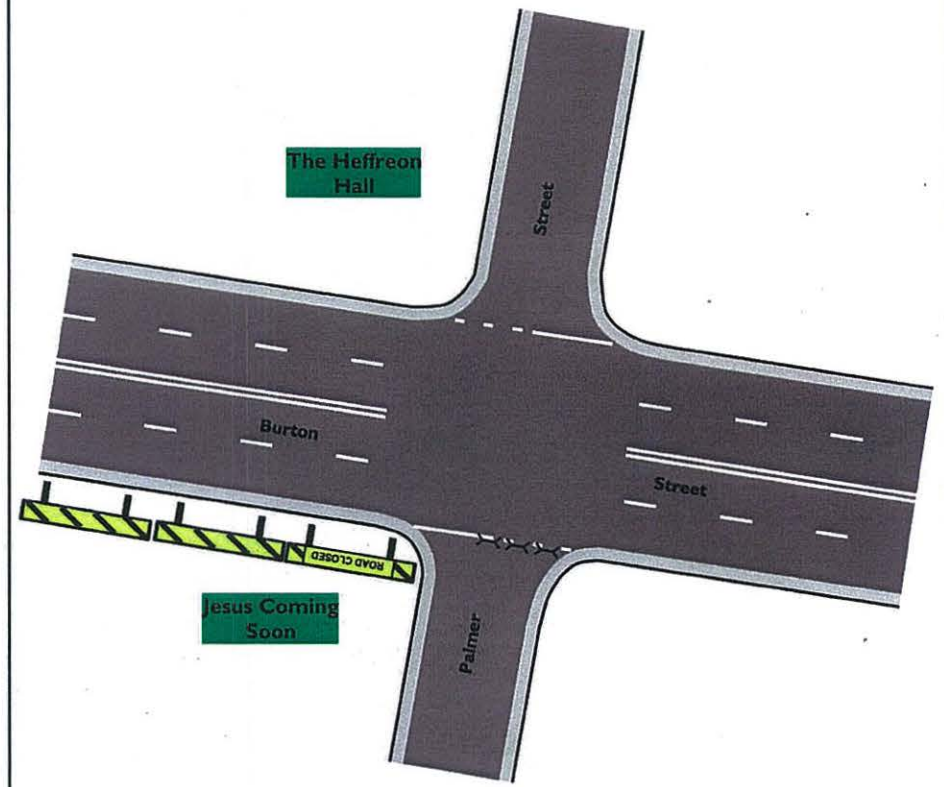
TCP No.: 33		Closure of Crown St Southern Side of Burton St, Darlinghurst				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs	Remove barricades & signs approx. 12pm	0400	Date Updated:	29.06.12
POLICE	1				Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale
					Transport Management Centre	

Crew Number
RTA USE ONLY



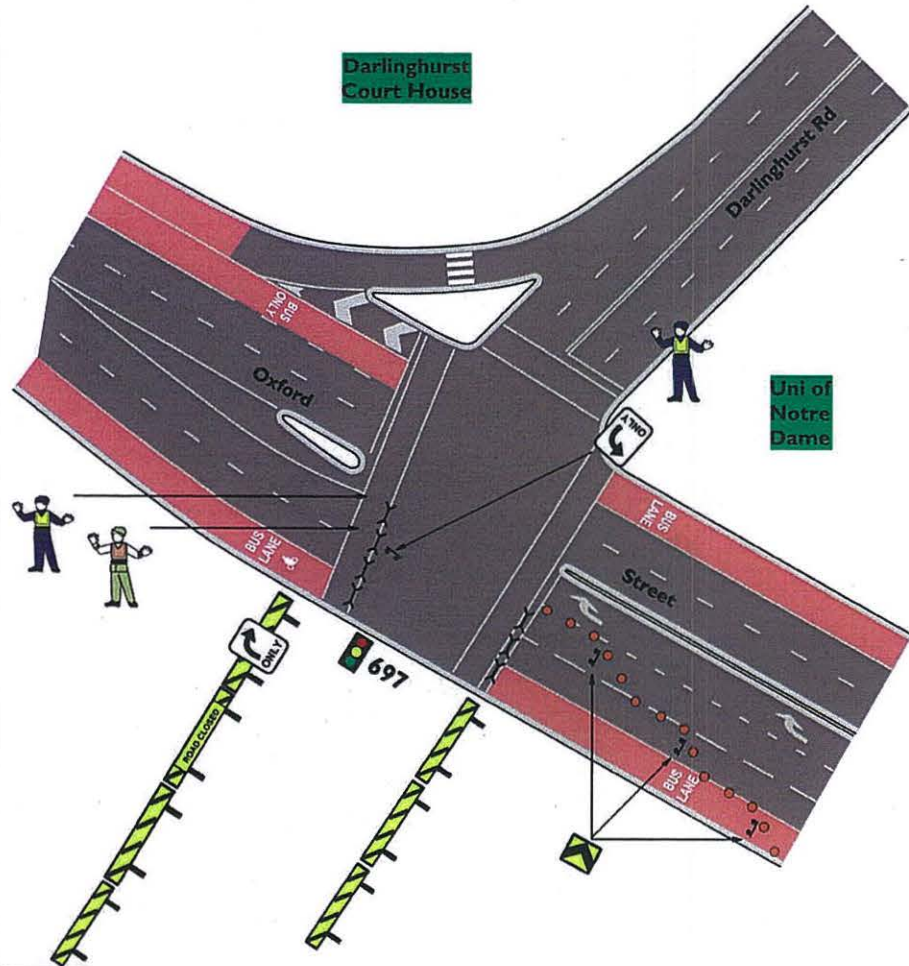
TCP No.: 34		Closure of Palmer St at Oxford St, Darlinghurst				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12	
POLICE	1	Maintain traffic flow	Maintain closure	0400	Drawn: Major Events	
TRAFFIC MARSHALS	1	Maintain Infrastructure		0400	Scale: Not to Scale	

Crew Number
RTA USE ONLY



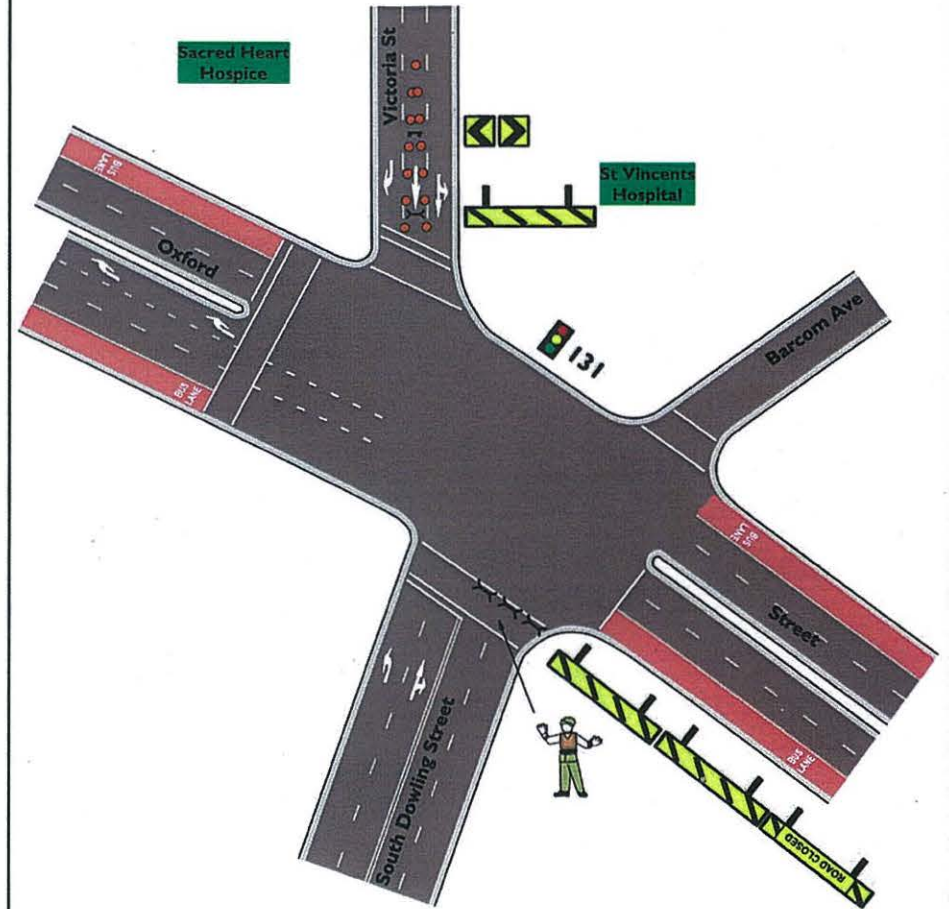
TCP No.: 35		Closure of Palmer St Southern Side of Burton St, Darlinghurst				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs	Remove barricades & signs approx. 12pm	0400	Date Updated: 29.06.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

Crew Number
RTA USE ONLY



TCP No.: 36		Half Closure of Oxford St Western Side of Darlinghurst Rd, Darlinghurst				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12	
POLICE	2	Maintain closure	Monitor traffic flow	0400	Drawn: Major Events	
TRAFFIC MARSHALS	1	Stop/ slow traffic control		0400	Scale: Not to Scale	

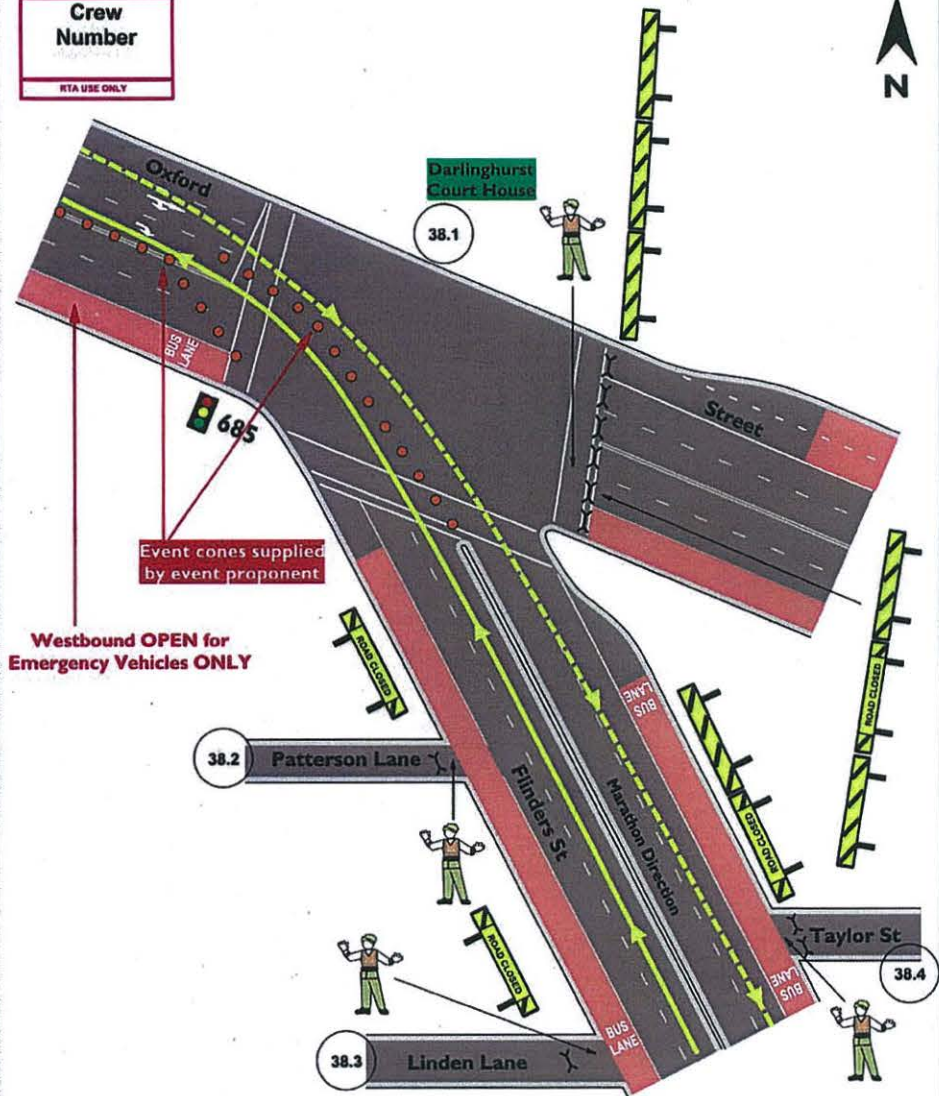
Crew Number
RTA USE ONLY



This TCP is to be removed when TCP 40C (South Dowling St / Flinders St) has been implemented.

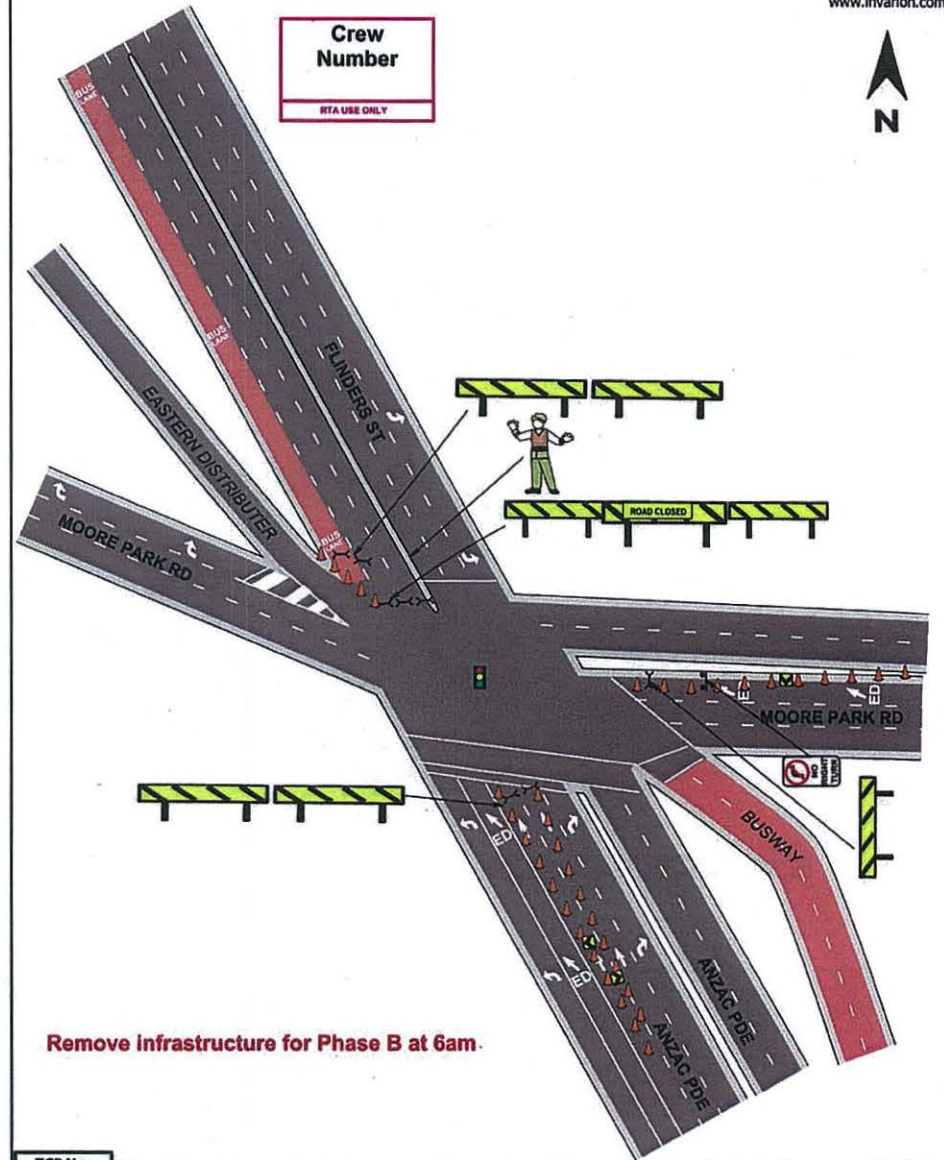
TCP No.: 37		Half Closure of South Dowling St Southern Side of Oxford St, Paddington				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0600	Date Updated: 29.06.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	1	Maintain closure		0600	Scale: Not to Scale	

Crew Number
RTA USE ONLY

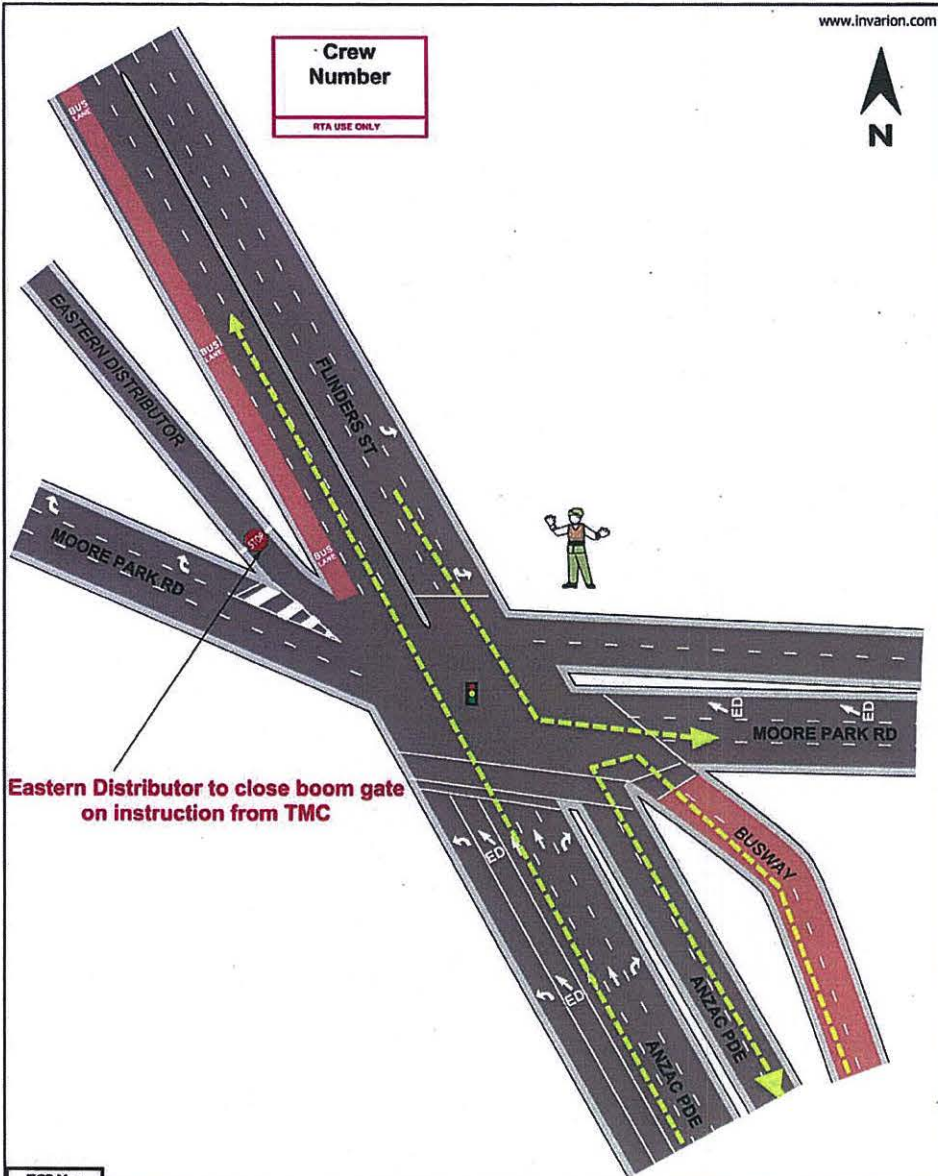


TCP No.: 38	Closure of Oxford St Eastern Side of Flinders St, Surry Hills Closure of Taylor St and Patterson Ln at Flinders St, Surry Hills			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES
TMC RMS		Supply & setup barricades & signs		0400
POLICE				
TRAFFIC MARSHALS	4	Maintain closures		0400
Sydney Running Festival Date Updated: 29.06.12 Drawn: Major Events Scale: Not to Scale				

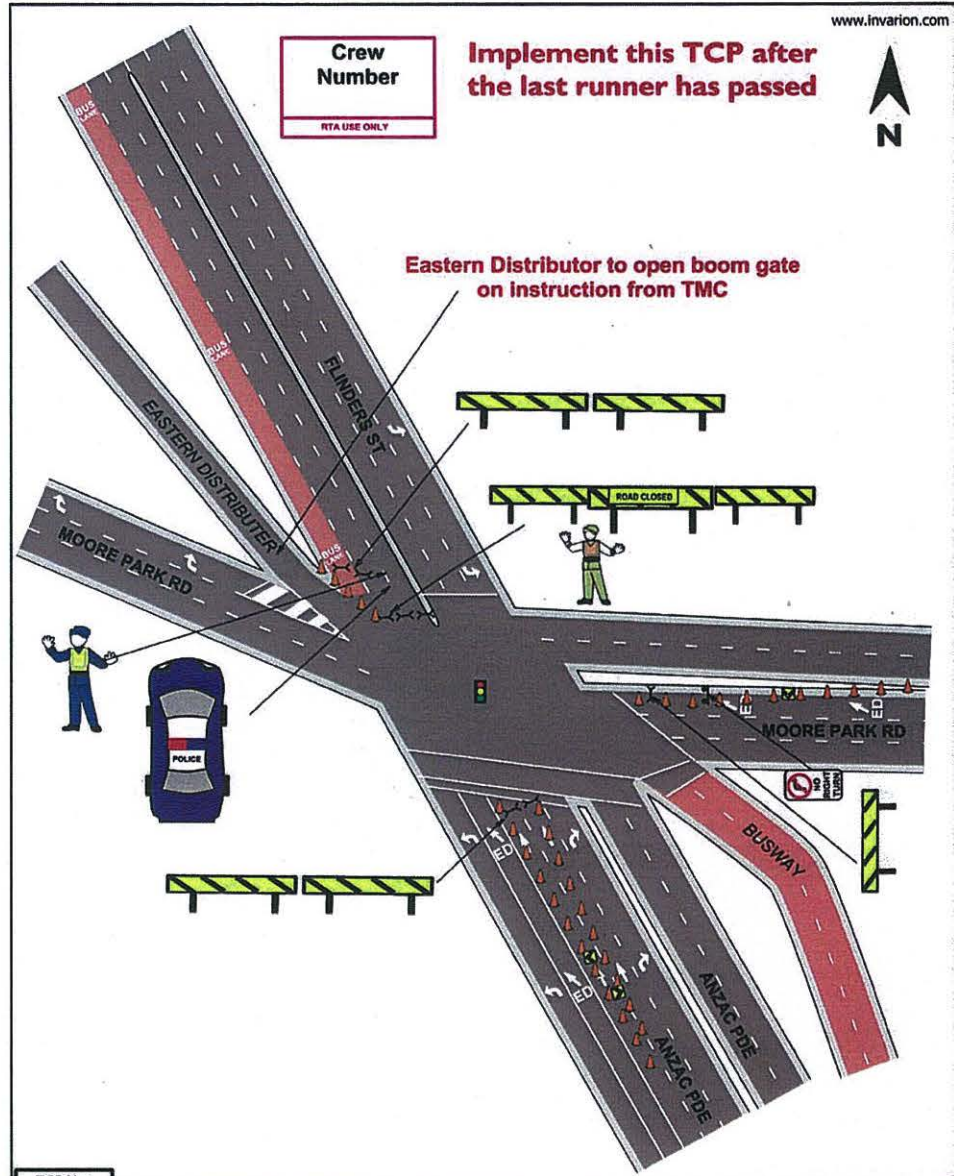
Crew Number
RTA USE ONLY



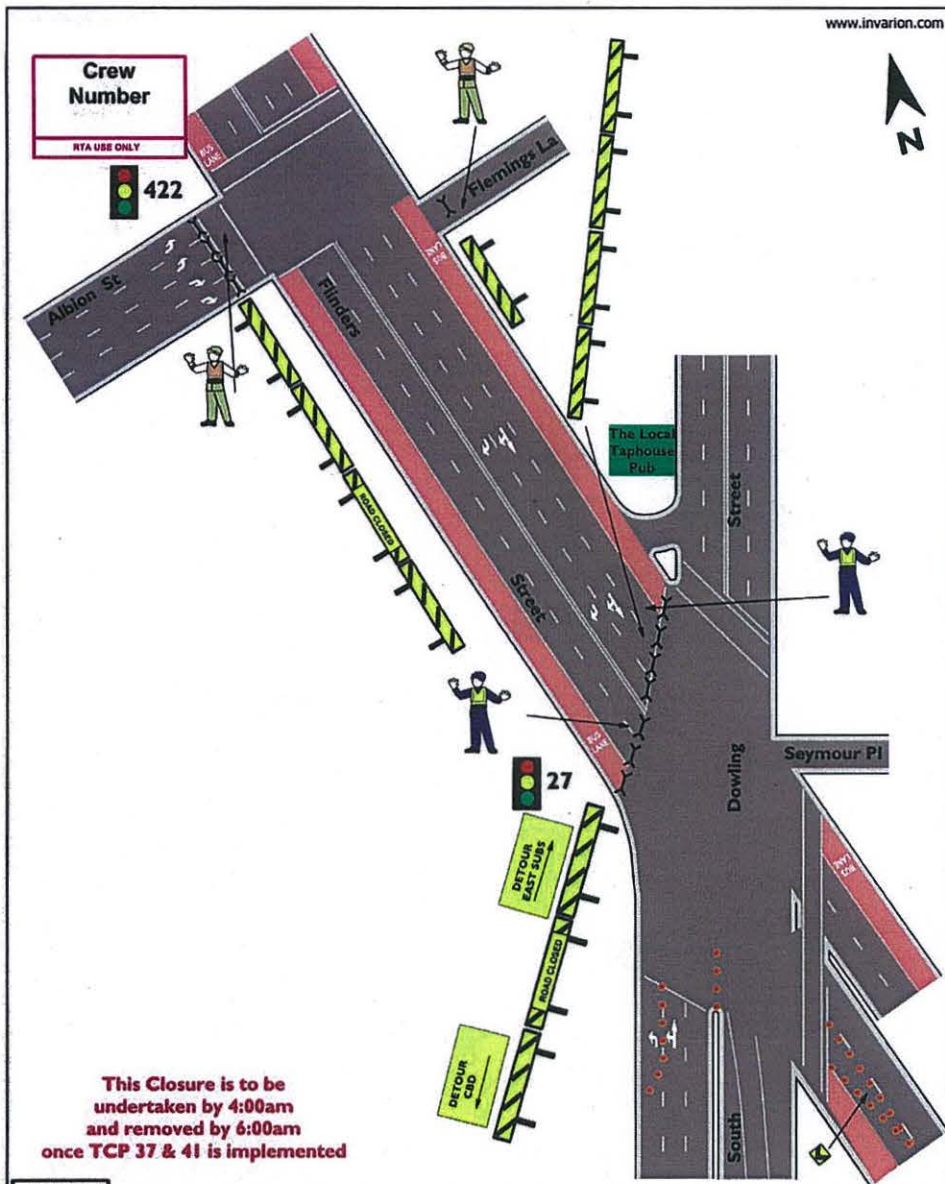
TCP No.: 39A	Closure of Flinders St at Moore park Rd, Moore Park			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES
TMC RMS		Supply & setup barricades & signs		0400-0600
POLICE		Assist with road closures		
TRAFFIC MARSHALS	1	Monitor traffic flow Implement road closures		0400-0600
Sydney Running Festival Date Updated: 29.06.12 Drawn: Major Events Scale: Not to Scale				




TCP No.: 39B		Closure of Flinders St at Moore park Rd, Moore Park			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Remove barricades & signs		0600	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	1	Field of Play Marshal		0600	Scale: Not to Scale

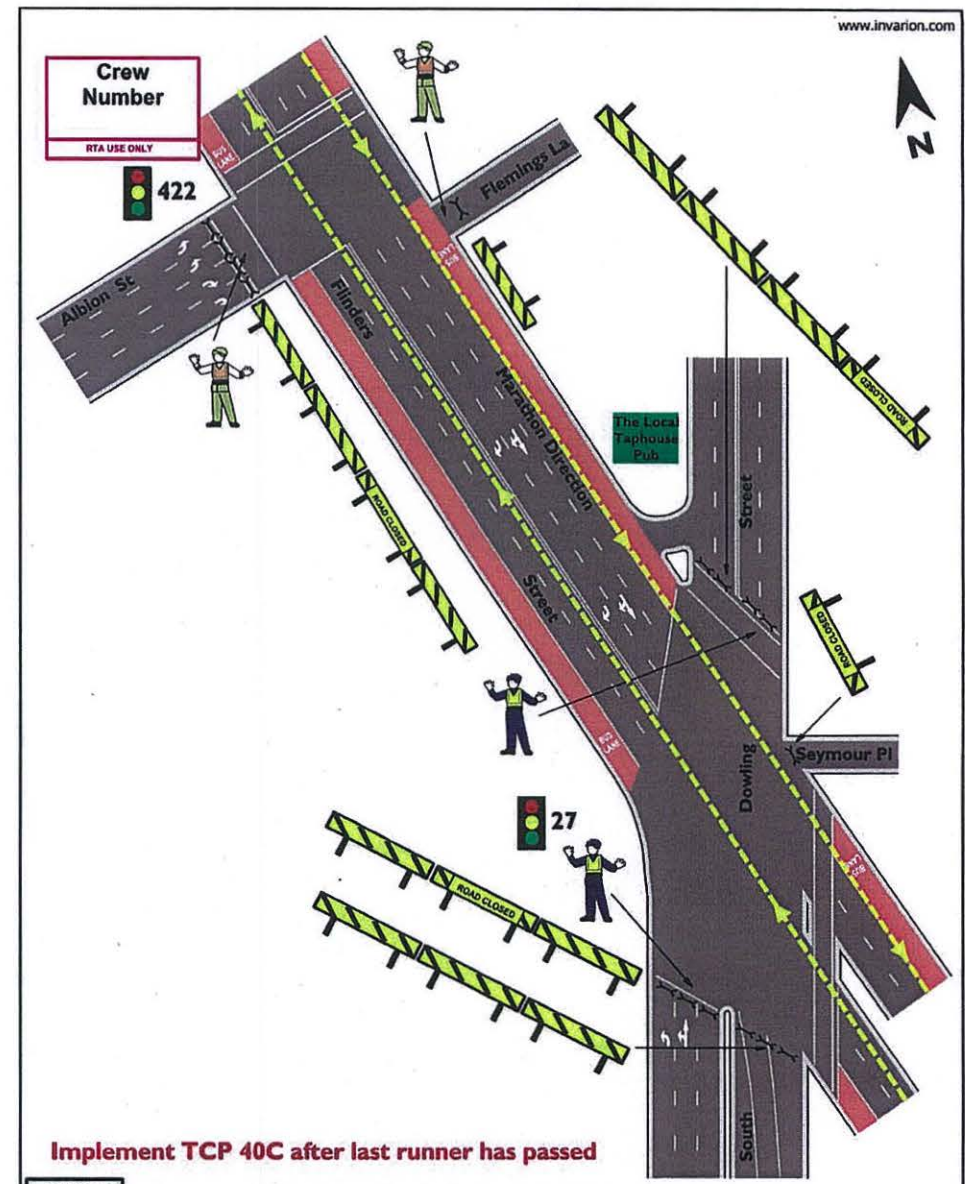


TCP No.: 39C		Closure of Flinders St at Moore park Rd, Moore Park			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		1130	Date Updated: 29.06.12
POLICE	1	Maintain closure		1130	Drawn: Major Events
TRAFFIC MARSHALS	1	Maintain closure		1130	Scale: Not to Scale




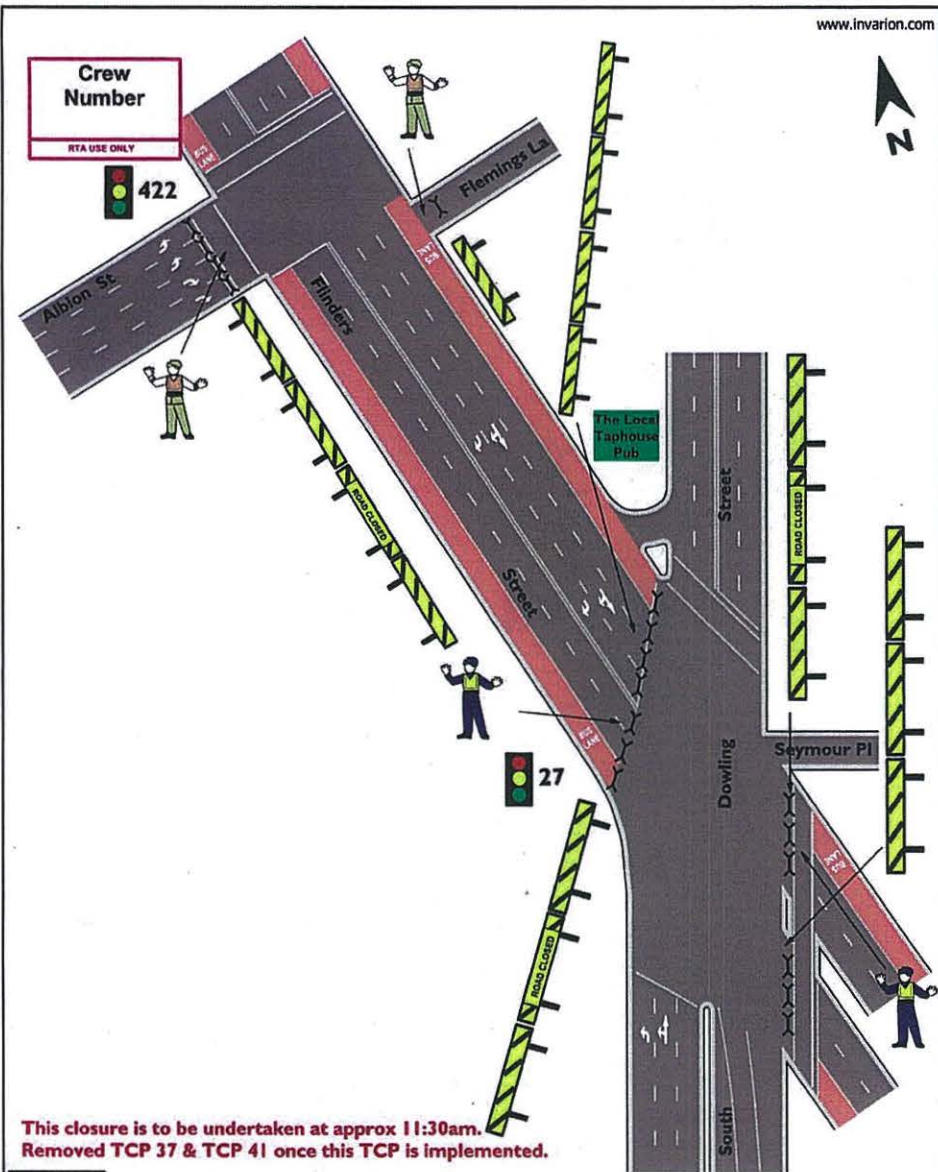
TCP No.: 40A		Full Road Closure South Dowling St Both Sides of Flinders St and Seymour Pl, Closure of Flemings Ln and Albion St, Moore Park			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400-0600	Date Updated: 29.06.12
POLICE	2	Monitor traffic flow		0400-0600	Drawn: Major Events
TRAFFIC MARSHALS	2	Maintain closure		0400-0600	Scale: Not to Scale

 Transport Management Centre



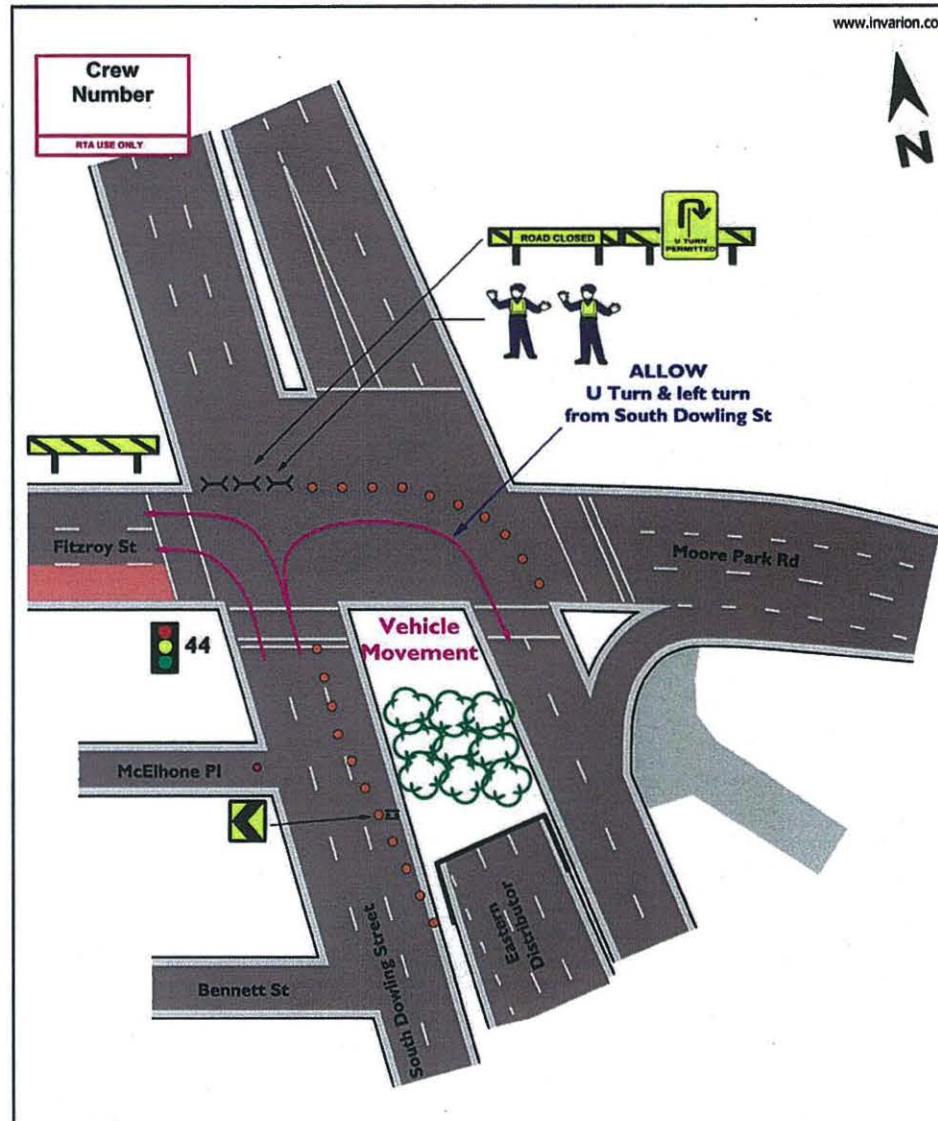
TCP No.: 40B		Full Road Closure South Dowling St Both Sides of Flinders St and Seymour Pl, Closure of Flemings Ln and Albion St, Moore Park			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0600	Date Updated: 29.06.12
POLICE	2	Monitor traffic flow		0600	Drawn: Major Events
TRAFFIC MARSHALS	2	Maintain closure		0600	Scale: Not to Scale

 Transport Management Centre



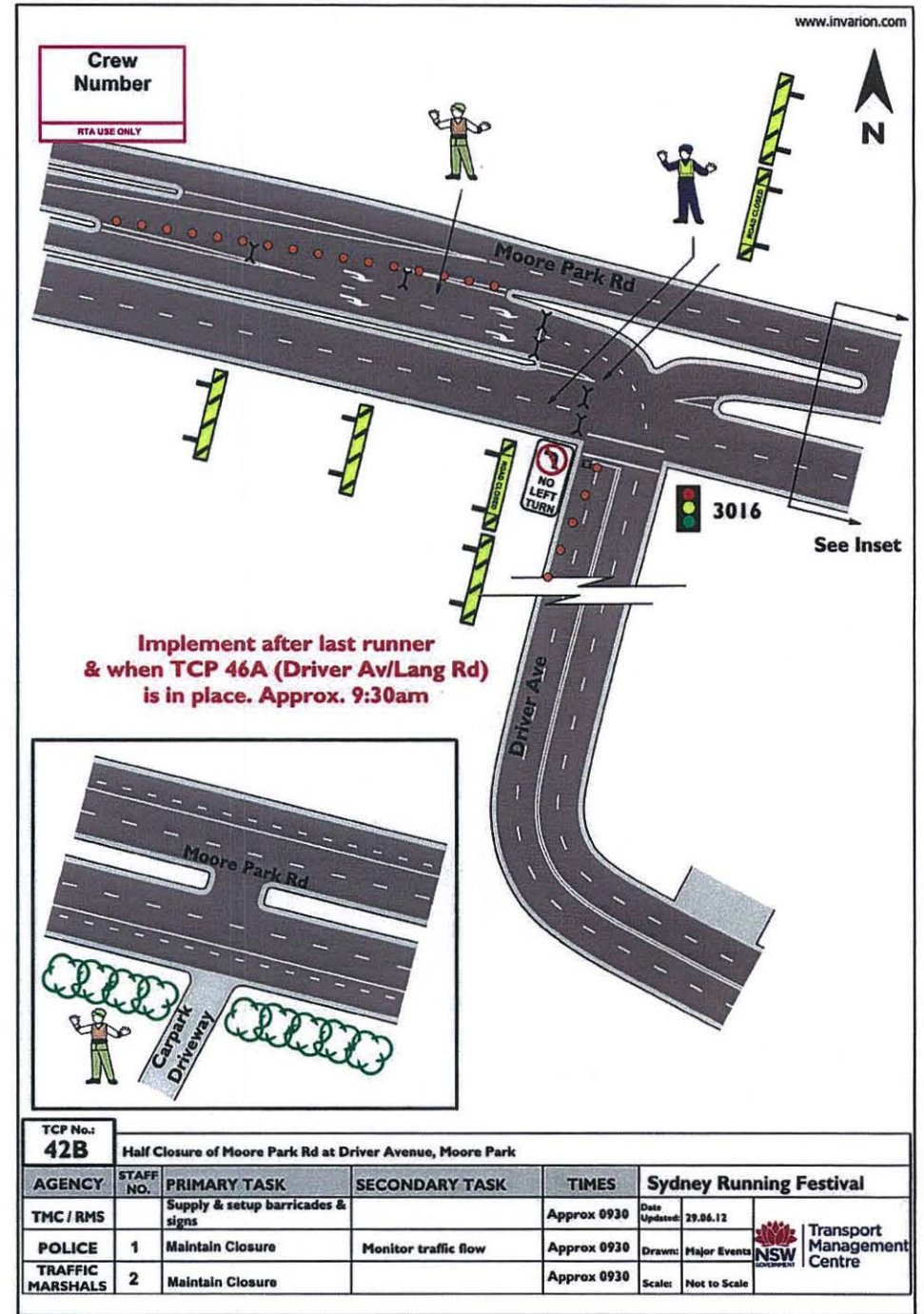
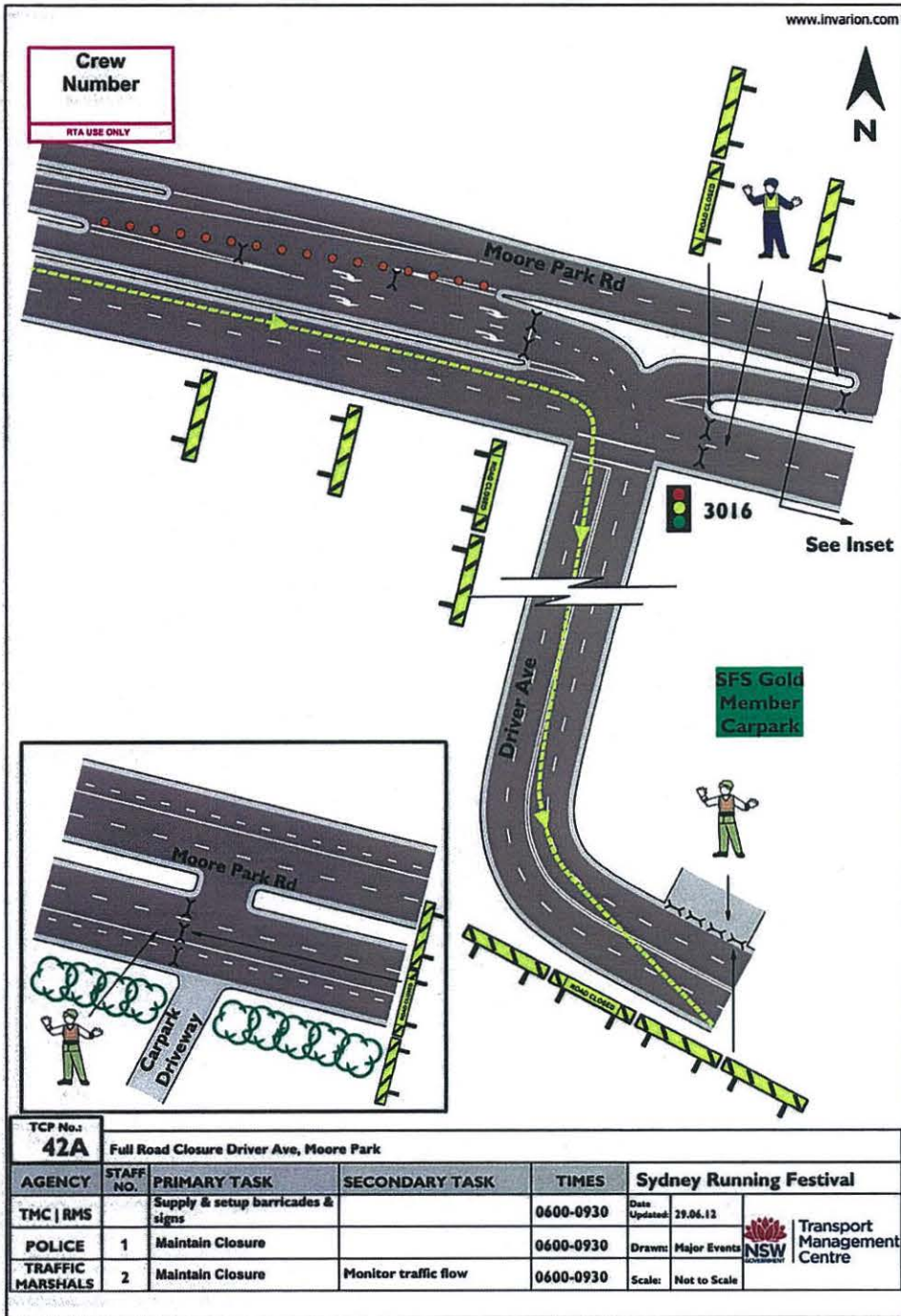
This closure is to be undertaken at approx 11:30am.
Removed TCP 37 & TCP 41 once this TCP is implemented.

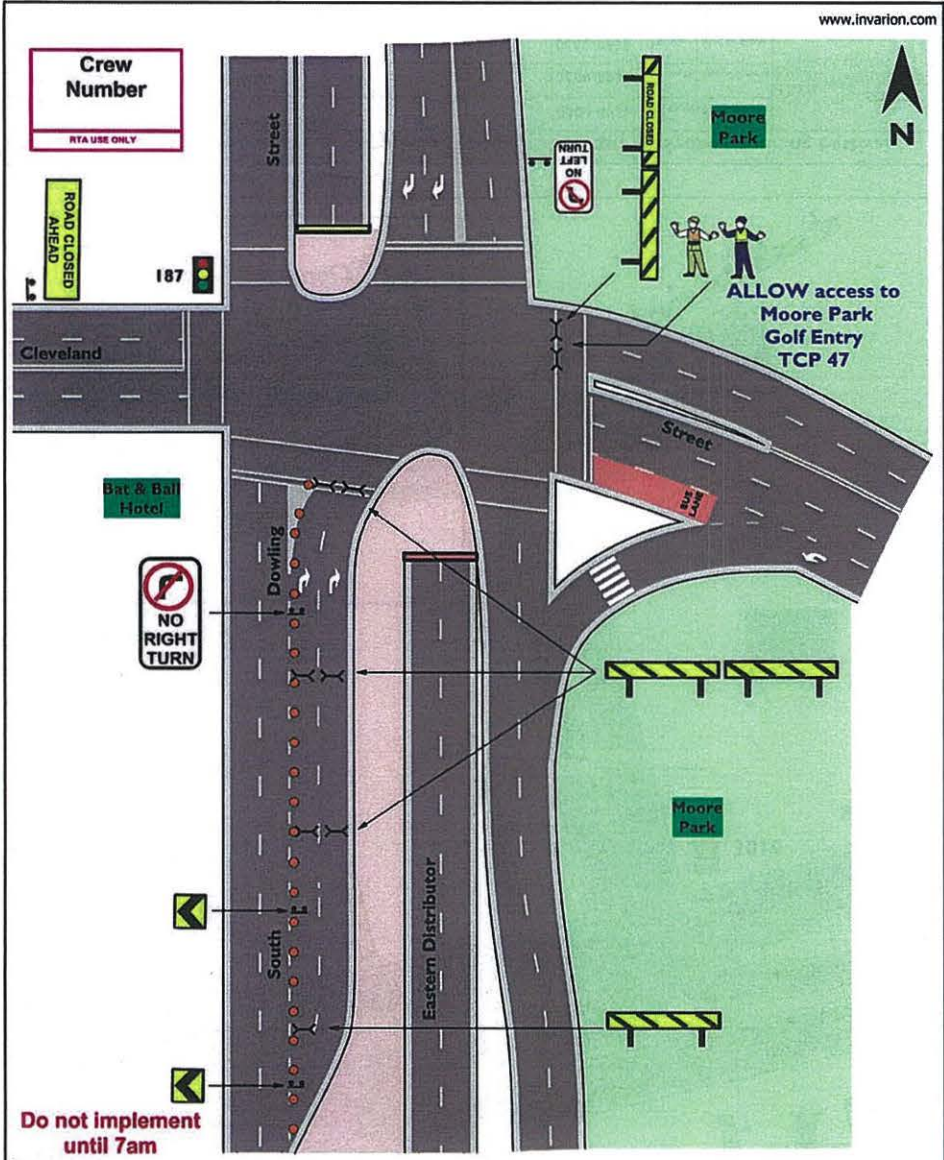
TCP No.: 40C		Full Road Closure South Dowling St Both Sides of Flinders St and Seymour Pl, Closure of Flemings Ln and Albion St, Moore Park				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		Approx 1130	Date Updated: 29.06.12	Transport Management Centre
POLICE	2	Monitor traffic flow		Approx 1130	Drawn: Major Events	
TRAFFIC MARSHALS	2	Maintain closure		Approx 1130	Scale: Not to Scale	



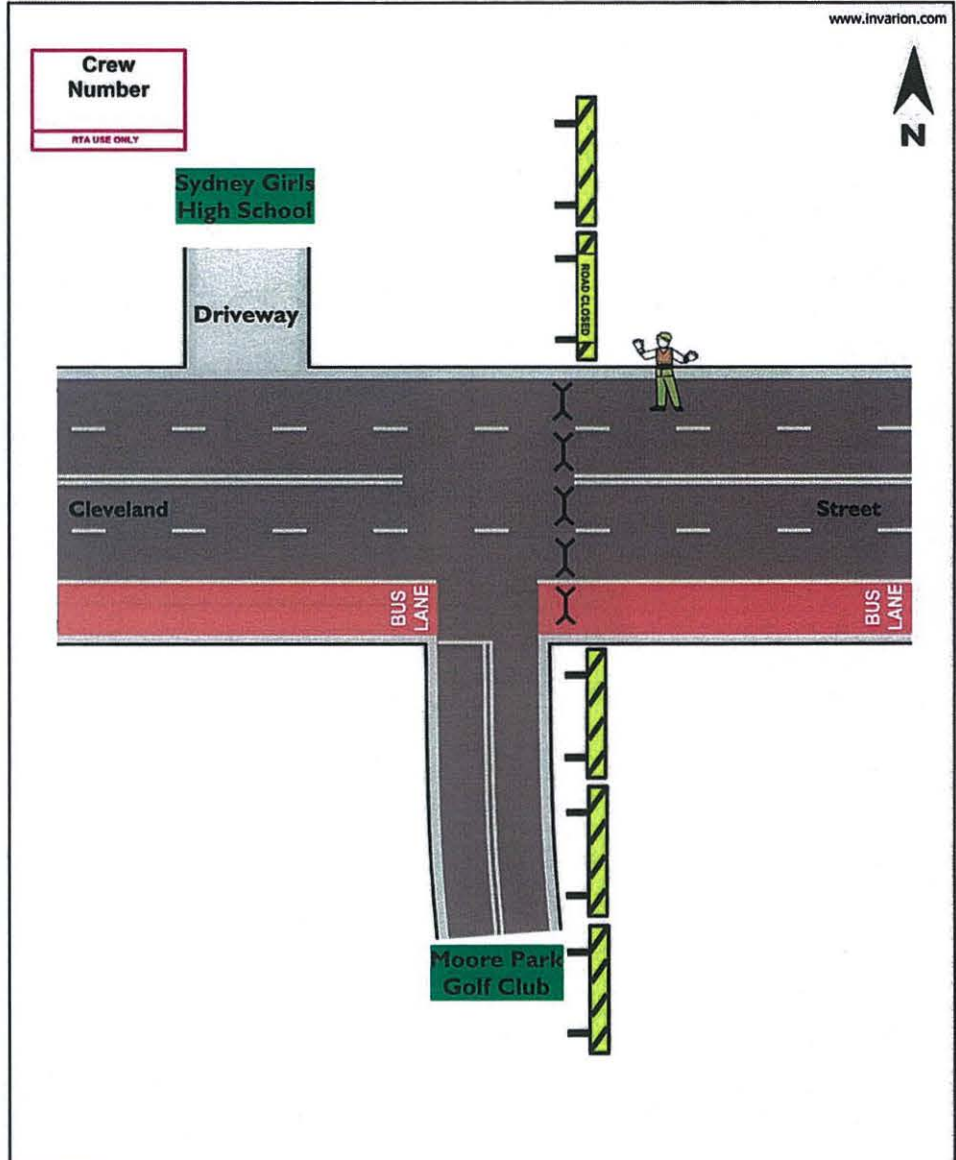
This TCP is to be removed at the same time as TCP 40C at approx. 11:30am

TCP No.: 41		Closure of South Dowling St Northern Side of Fitzroy St, Surry Hills				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0600	Date Updated: 29.06.12	Transport Management Centre
POLICE	2	Monitor traffic flow		0600	Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

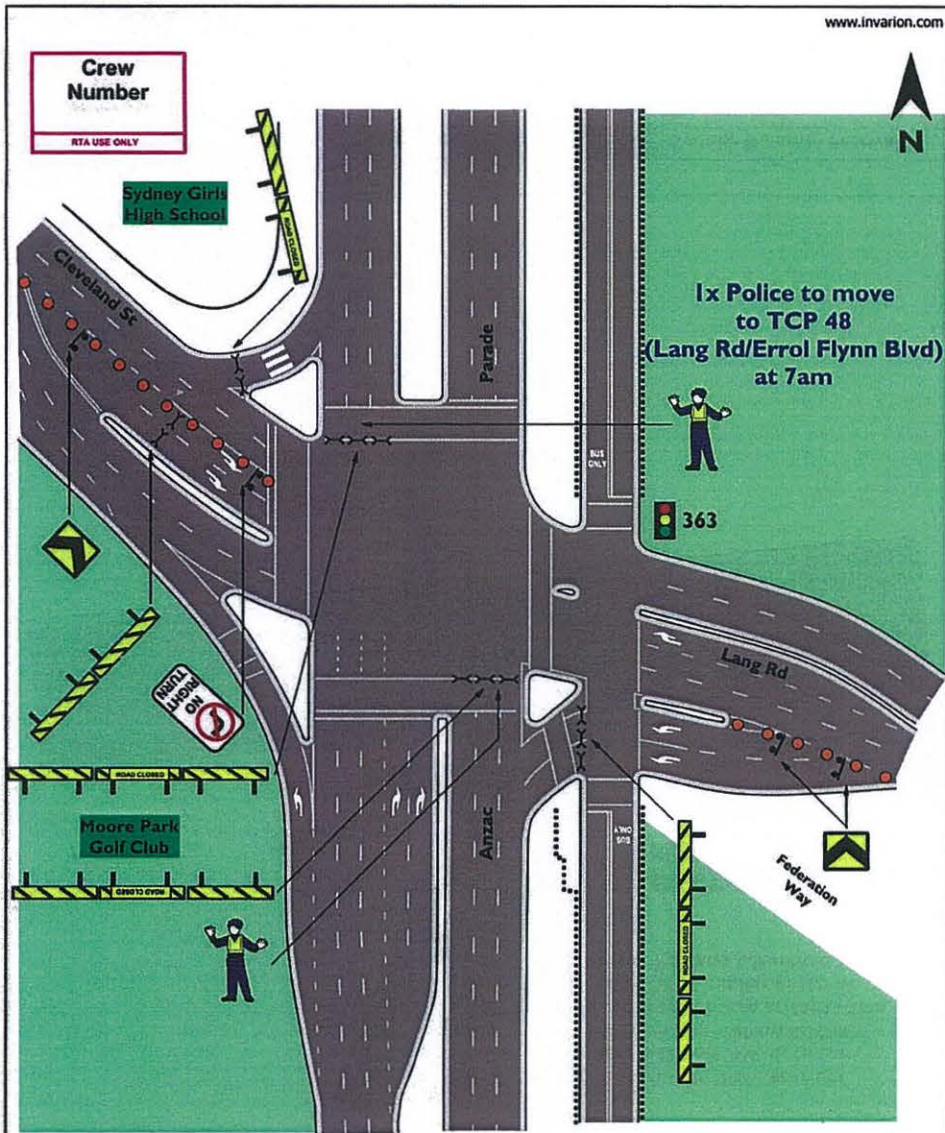




TCP No.: 43		Full Road Closure Cleveland St Eastern Side of South Dowling St, Moore Park			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs			Date Updated: 29.06.12
POLICE	1	Maintain Closure	Manage traffic flow	0700	Drawn: Major Events
TRAFFIC MARSHALS	1	Assist Police	Manage Access to Moore Pk Golf Club	0700	Scale: Not to Scale




TCP No.: 44		Full Road Closure Cleveland St Eastern Side of Golf Club Driveway, Moore Park			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs			Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	1	Monitor traffic flow		0700	Scale: Not to Scale

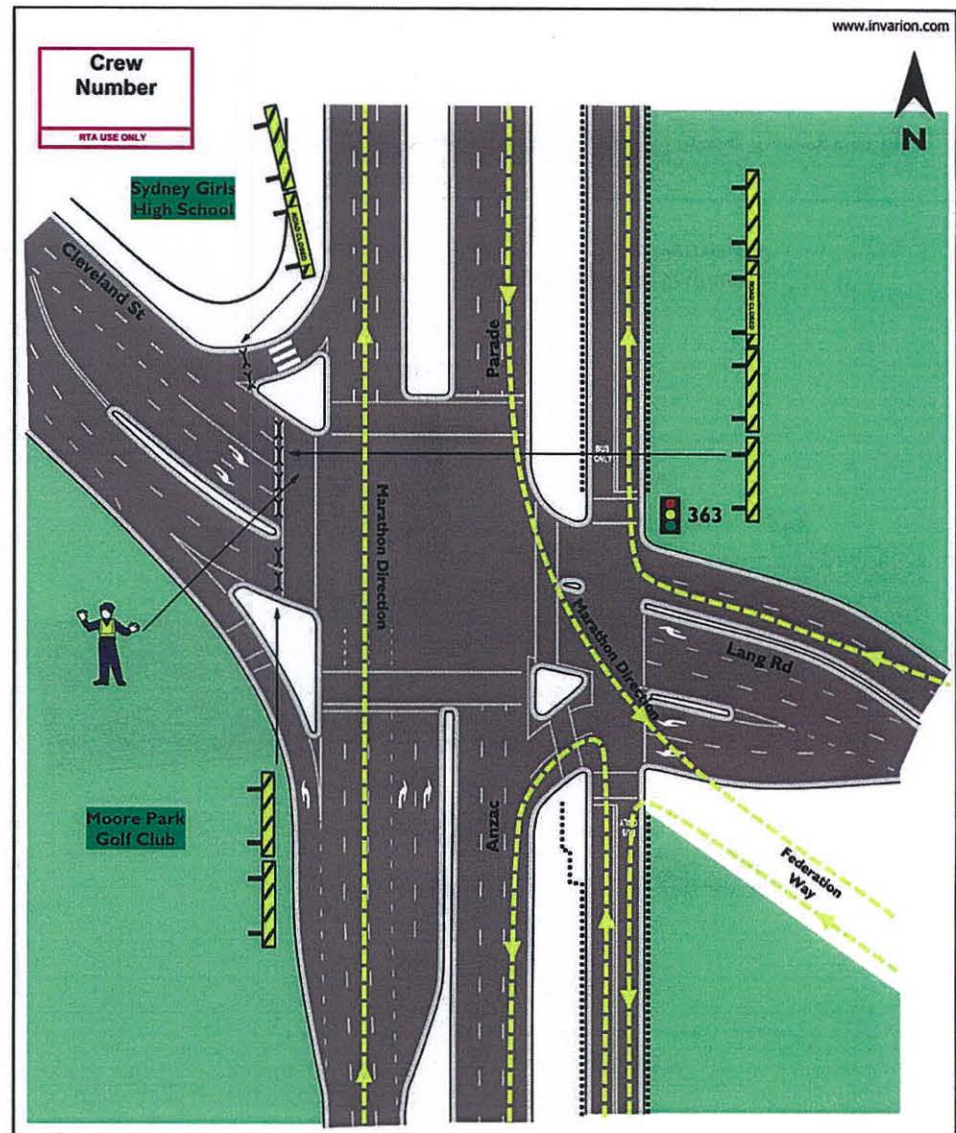


1x Police to move to TCP 48 (Lang Rd/Errol Flynn Blvd) at 7am


363

Allow Crossover until 7:00am

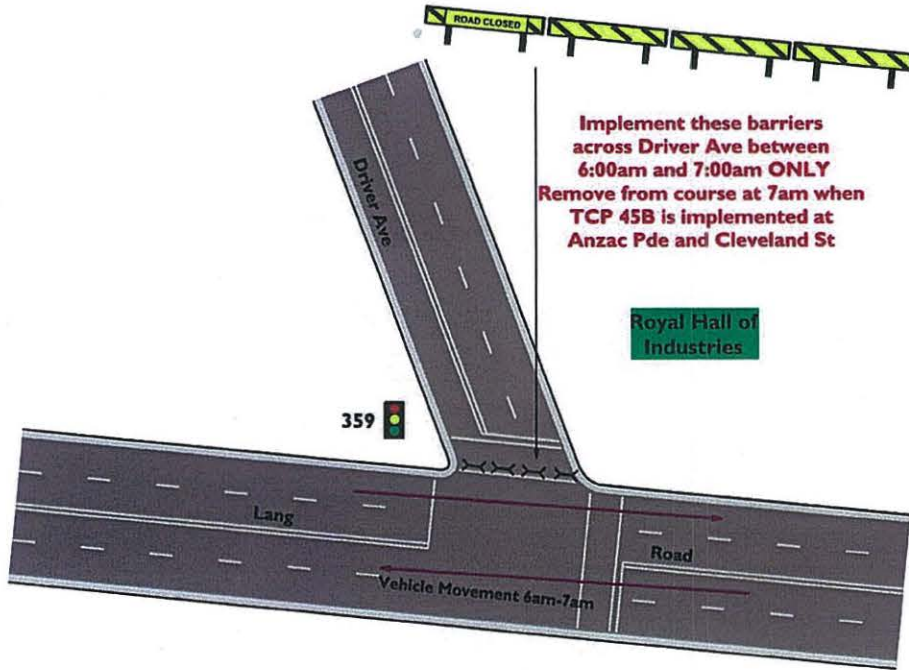
TCP No.: 45A		Full Road Closure Anzac Parade, Moore Park				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0600-0700	Date Updated: 29.04.12	 Transport Management Centre
POLICE	2	Maintain closure	Monitor traffic flow	0600-0700	Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	



Crew Number
RTA USE ONLY

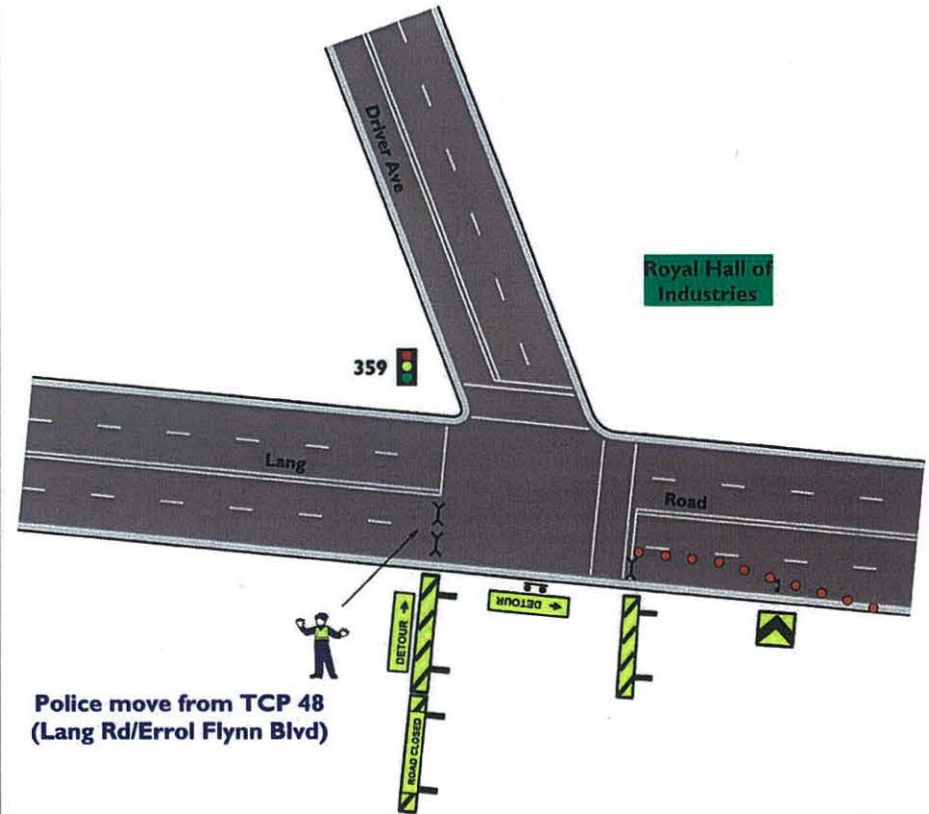
TCP No.: 45B		Full Road Closure Anzac Parade, Moore Park				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0700	Date Updated: 29.04.12	 Transport Management Centre
POLICE	1	Maintain closure		0700	Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

Crew Number
RTA USE ONLY



TCP No.: 46A		Closure Lang Rd Western Side of Driver Ave, Moore Park				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs	Remove barricades & signs at 7am	0600 - 0700	Date Updated: 29.04.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

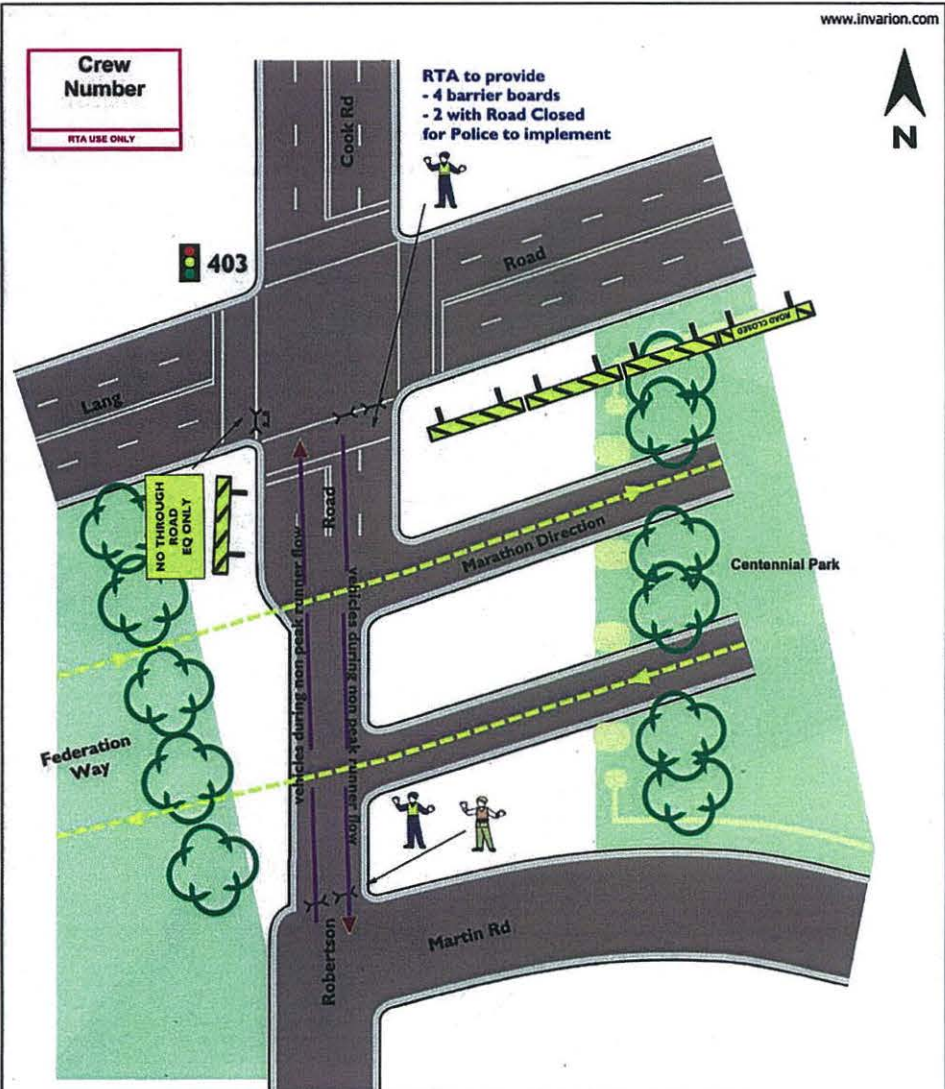
Crew Number
RTA USE ONLY



Police move from TCP 48 (Lang Rd/Errol Flynn Blvd)

Implement after last runner has passed Approx 9:30am
Ensure TCP 42B (Moore Park Rd/Driver Av) is implemented

TCP No.: 46B		Closure Lang Rd Western Side of Driver Ave, Moore Park				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		Approx 0930	Date Updated: 29.04.12	
POLICE	1	Maintain closure	Monitor traffic flow	Approx 0930	Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

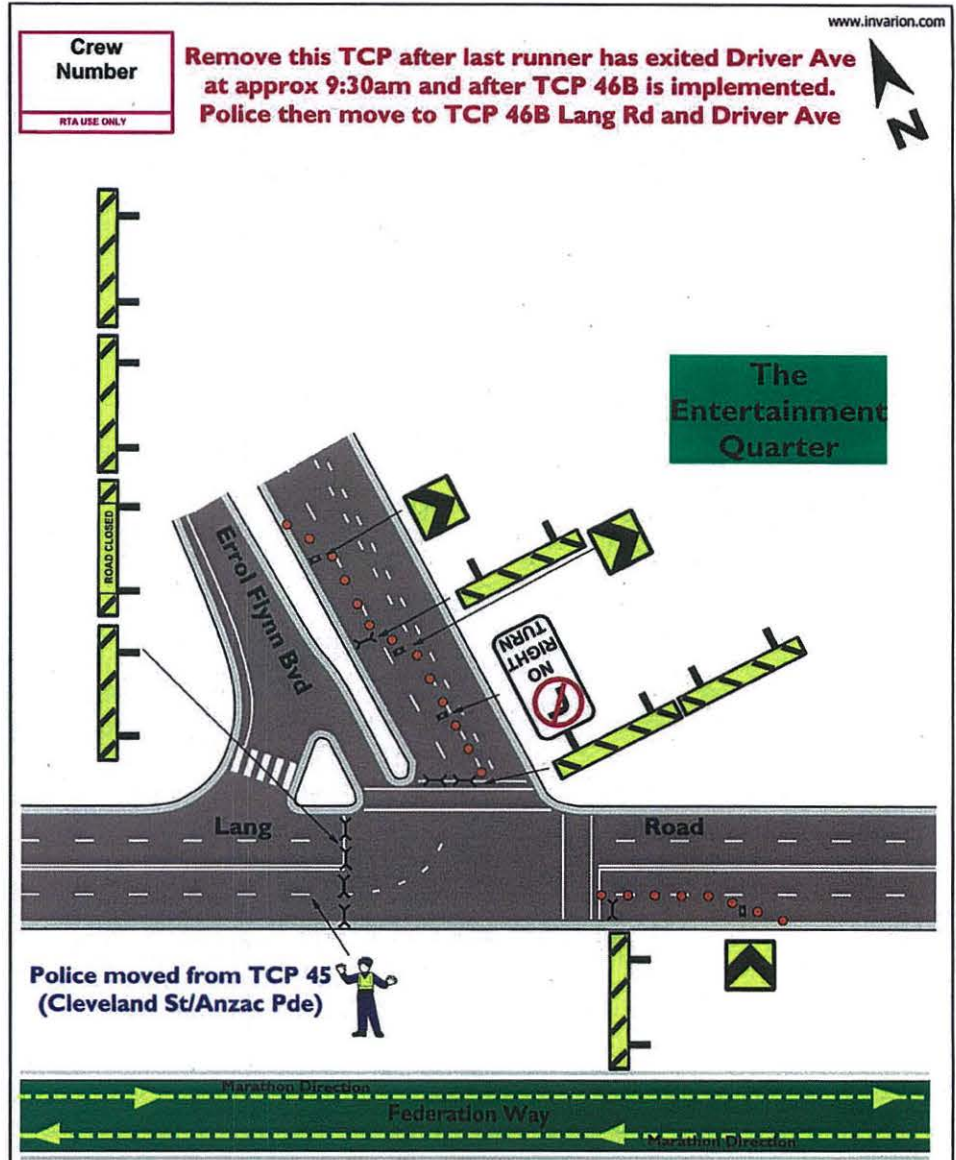


RTA to provide
 - 4 barrier boards
 - 2 with Road Closed for Police to implement

Crew Number
 RTA USE ONLY

Lockdown Robertson Rd between Lang Rd and Martin Rd during 2 way runner flow (approx time 8:45am to 9:45am) Manage access to Robertson Rd for Residents at all other times

TCP No.:	47				
	Half Road Closure Robertson Rd Southern Side of Lang Rd, Moore Park				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply barricades & signs for Police to setup		0700	Date Updated: 29.06.12
POLICE	2	Full Closure 0845 - 0945	Manage cross over traffic at all other times	0700	Drawn: Major Events
TRAFFIC MARSHALS	1	Maintain closure 0845 - 0945	Manage cross over traffic at all other times	0700	Scale: Not to Scale

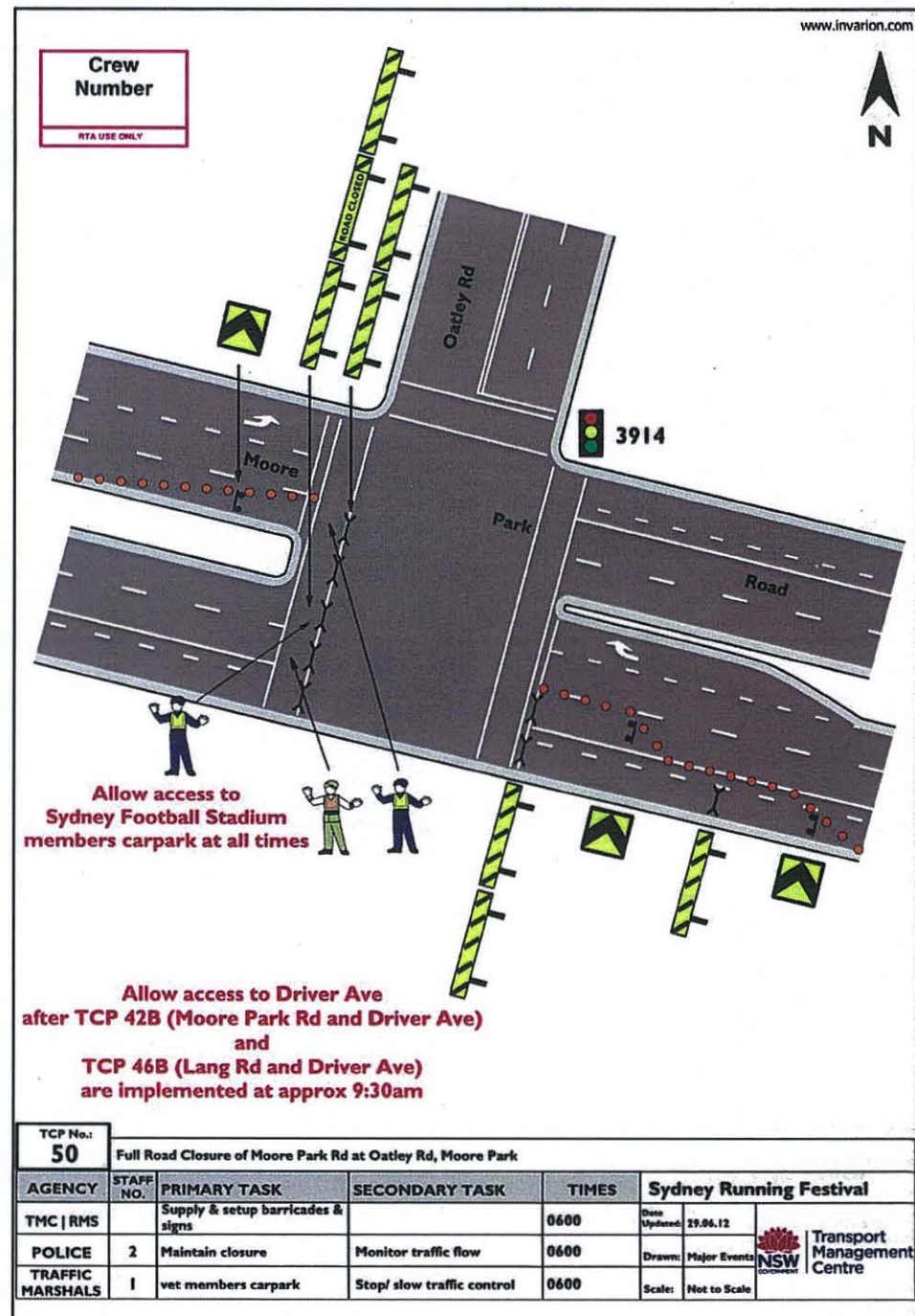
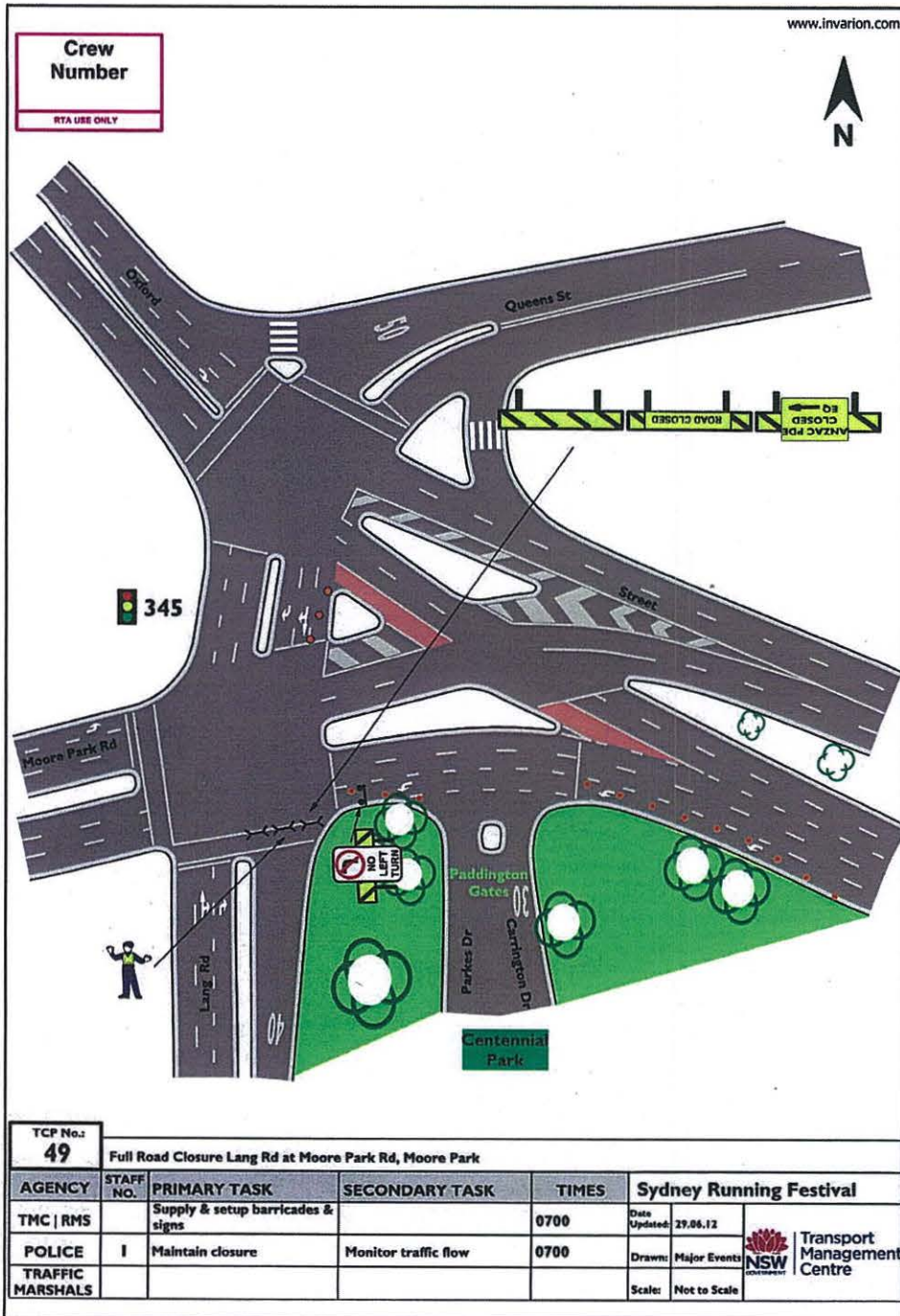


Remove this TCP after last runner has exited Driver Ave at approx 9:30am and after TCP 46B is implemented. Police then move to TCP 46B Lang Rd and Driver Ave

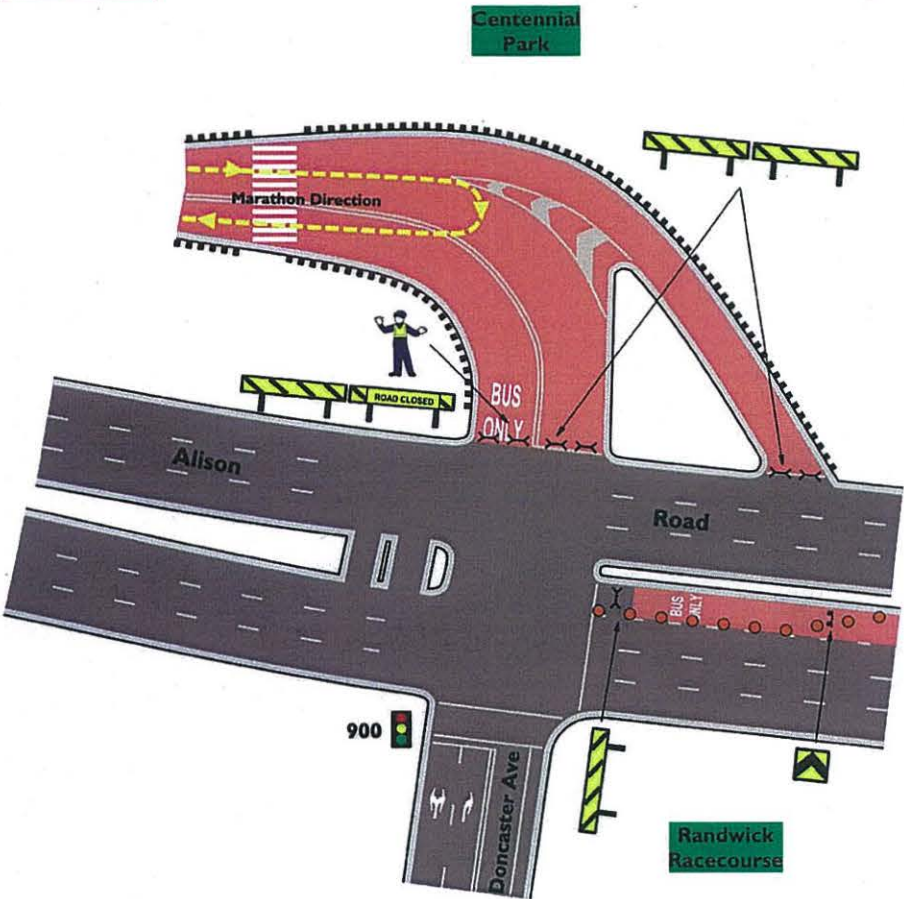
Crew Number
 RTA USE ONLY

Police moved from TCP 45 (Cleveland St/Anzac Pde)

TCP No.:	48				
	Full Closure of Lang Rd western side of Errol Flynn Bvd, Moore Park				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0700 to approx 0930	Date Updated: 29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0700 to approx 0930	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



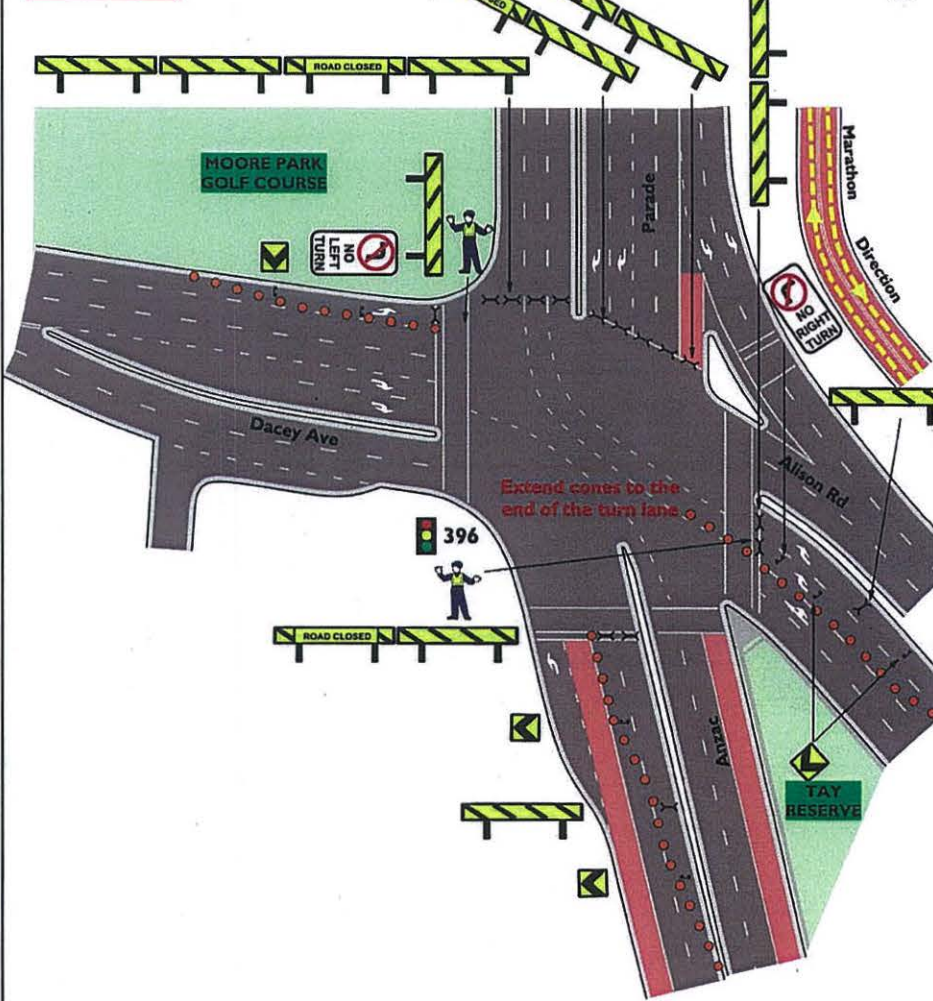
Crew Number
RTA USE ONLY



TCP No.: 51		Full Closure of Bus Roadway, Kensington			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0600	Date Updated: 29.06.12
POLICE	1	Maintain traffic flow		0600	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



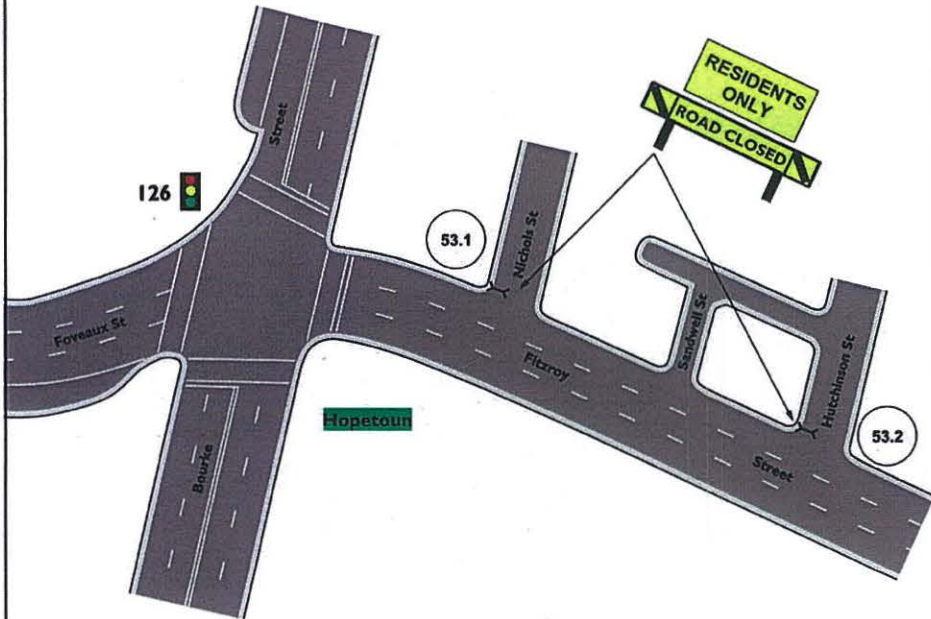
Crew Number
RTA USE ONLY



TCP No.: 52		Full Road Closure Anzac Pde Northern Side of Dacey Ave, Kensington			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0600	Date Updated: 29.06.12
POLICE	2	Maintain closure	Monitor traffic flow	0600	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

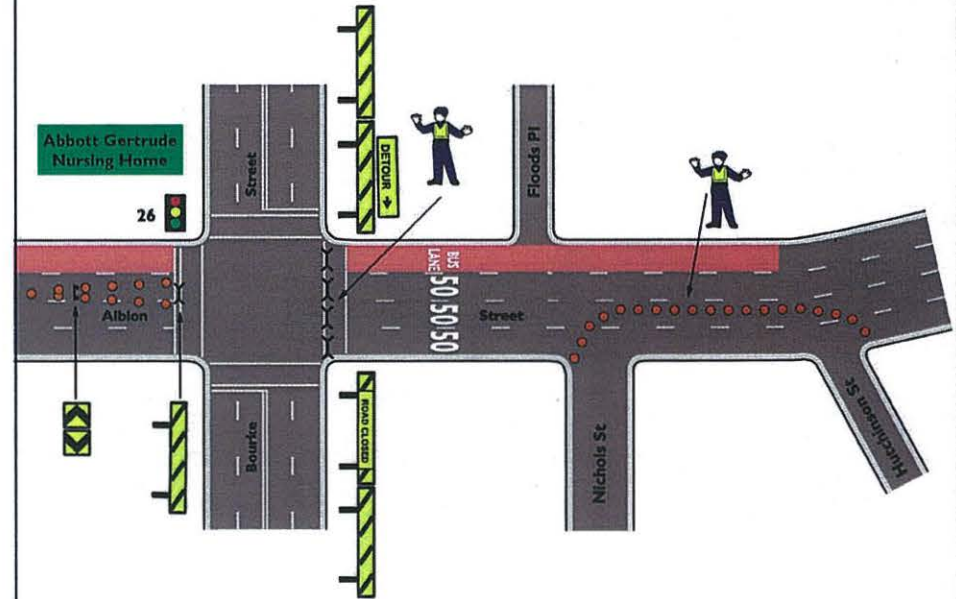


Crew Number
RTA USE ONLY



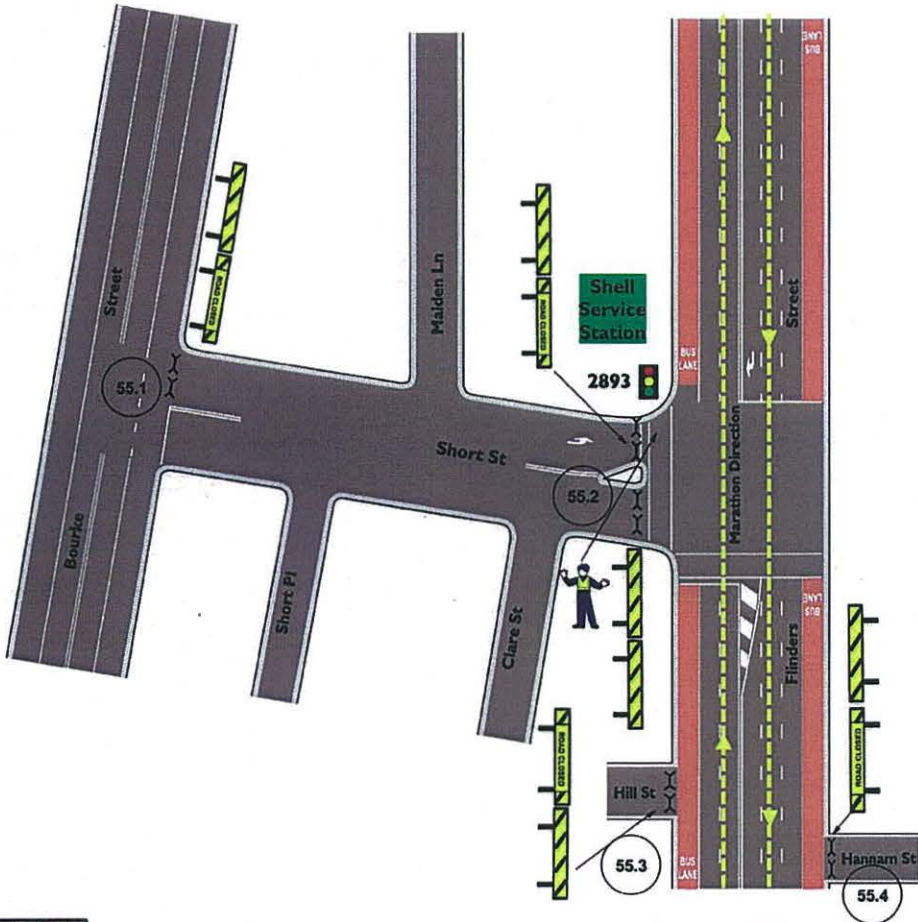
TCP No.: 53		Closure of Nichols St and Hutchinson St at Fitzroy St, Surry Hills				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs	Remove barricades & signs at approx 1200	0400	Date Updated:	29.06.12
POLICE					Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale
					Transport Management Centre	

Crew Number
RTA USE ONLY



TCP No.: 54		Full Closure of Albion St East of Bourke St, Surry Hills Access for residents between Hutchinson St and Nichols St				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	2	Maintain closure	Monitor traffic flow	0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale
					Transport Management Centre	

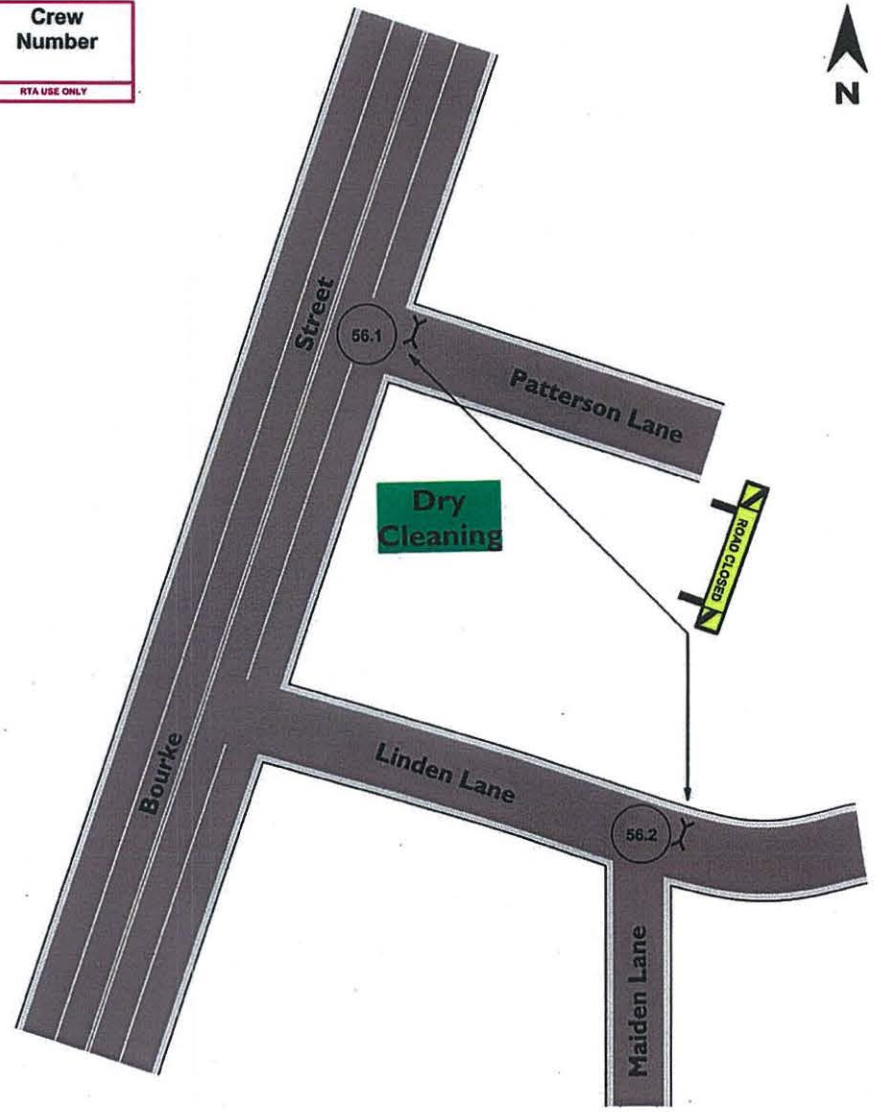
Crew Number
RTA USE ONLY



TCP No.: 55		Closure of Short St at Bourke St and Flinders St, Surry Hills				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale



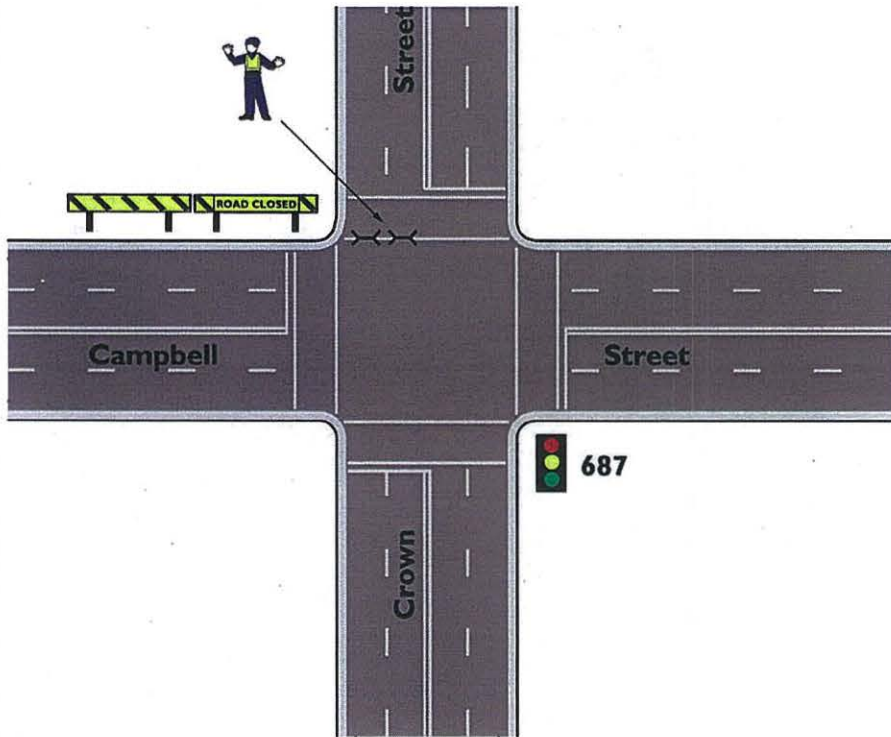
Crew Number
RTA USE ONLY



TCP No.: 56		Closure of Linden Lane and Patterson Lane, Surry Hills				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs	Remove barricades & signs at approx. 12pm	0400	Date Updated:	29.06.12
POLICE					Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale



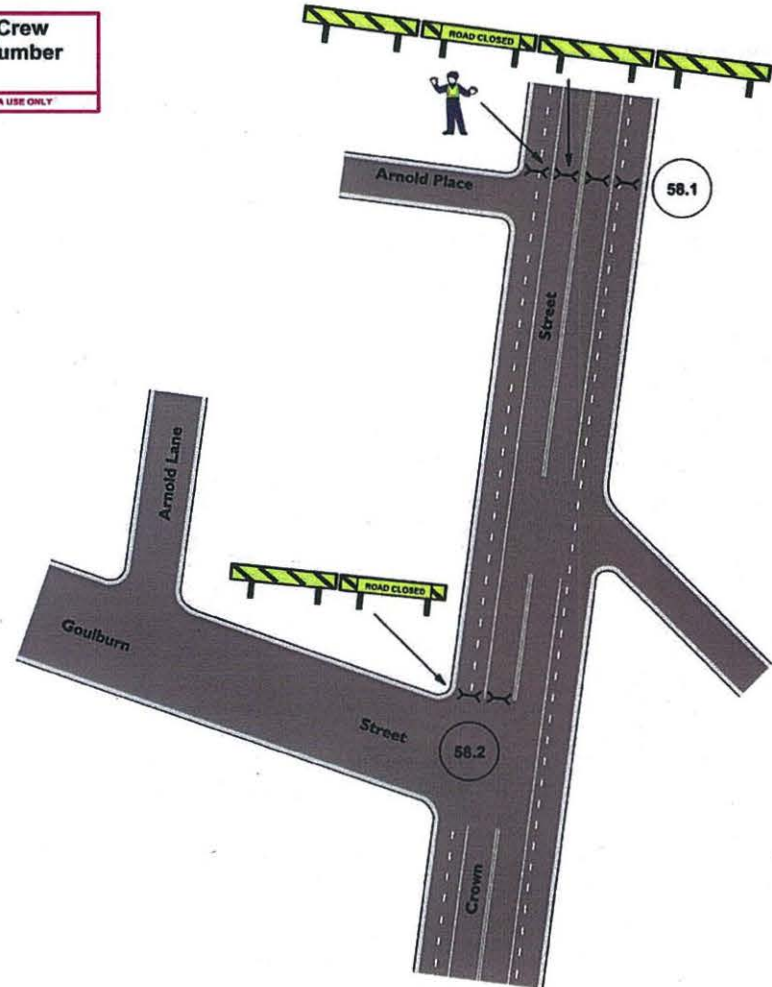
Crew Number
RTA USE ONLY



TCP No.: 57		Half Closure of Crown St northern side of Campbell St, Surry Hills				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale



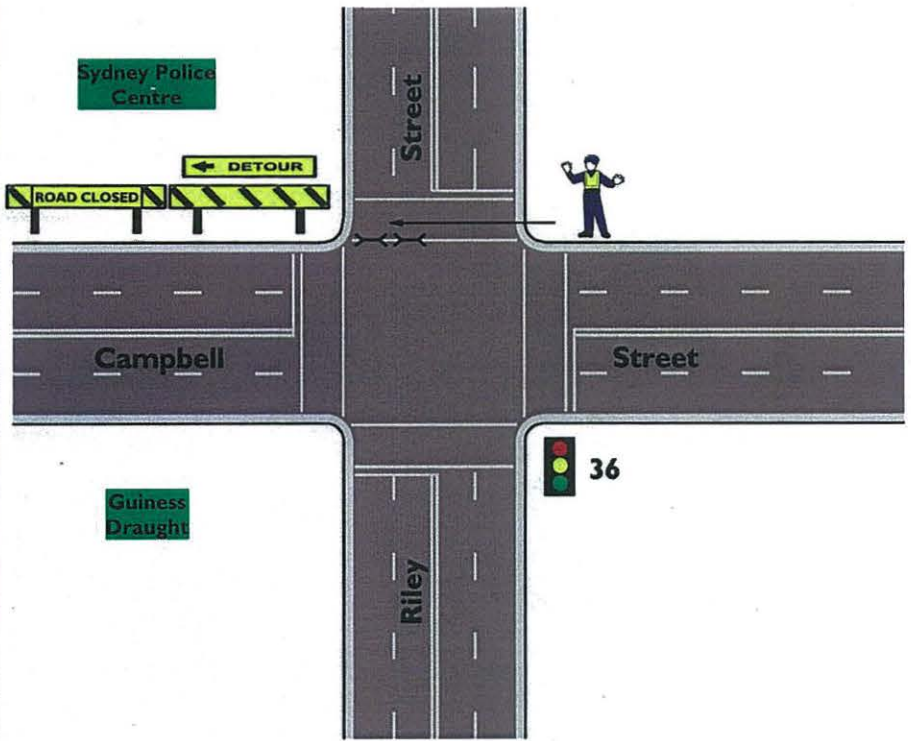
Crew Number
RTA USE ONLY



TCP No.: 58		Closure of Crown St and Arnold Ln Northern Side of Goulburn St, Darlinghurst				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale

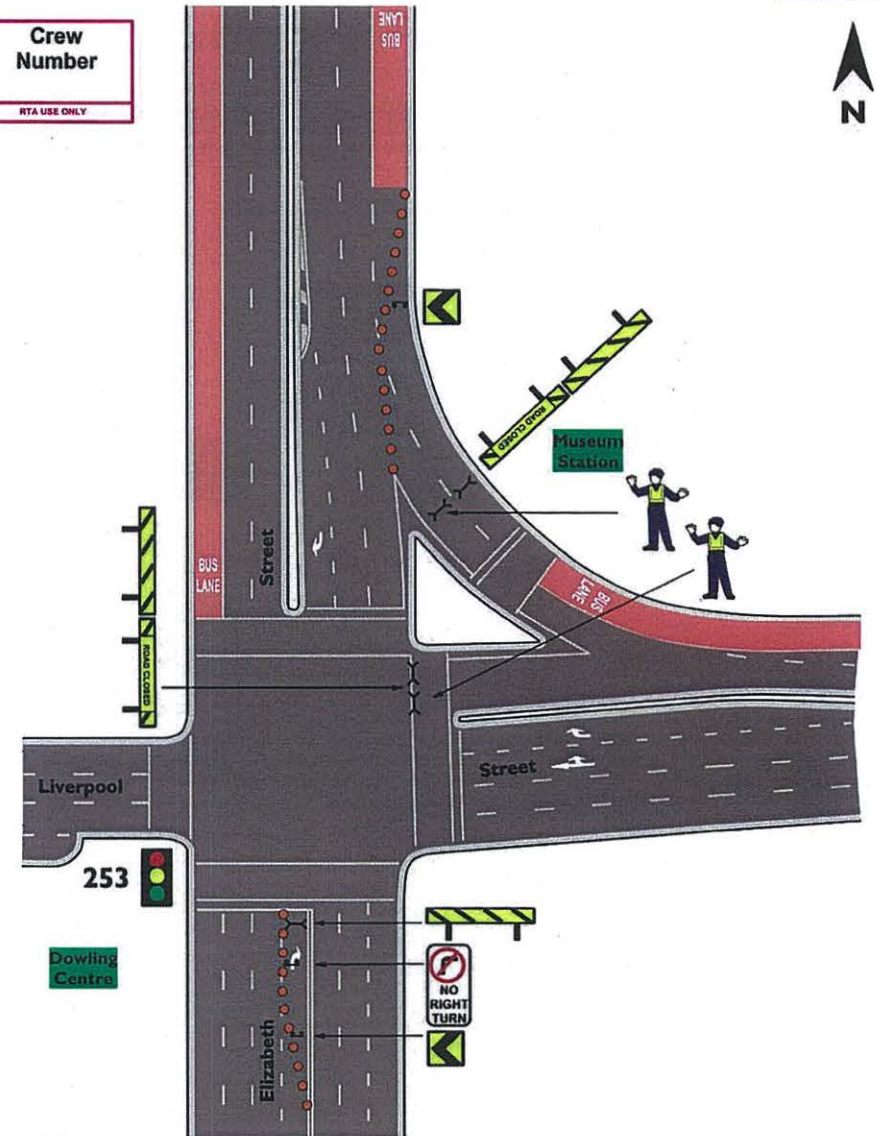


Crew Number
RTA USE ONLY



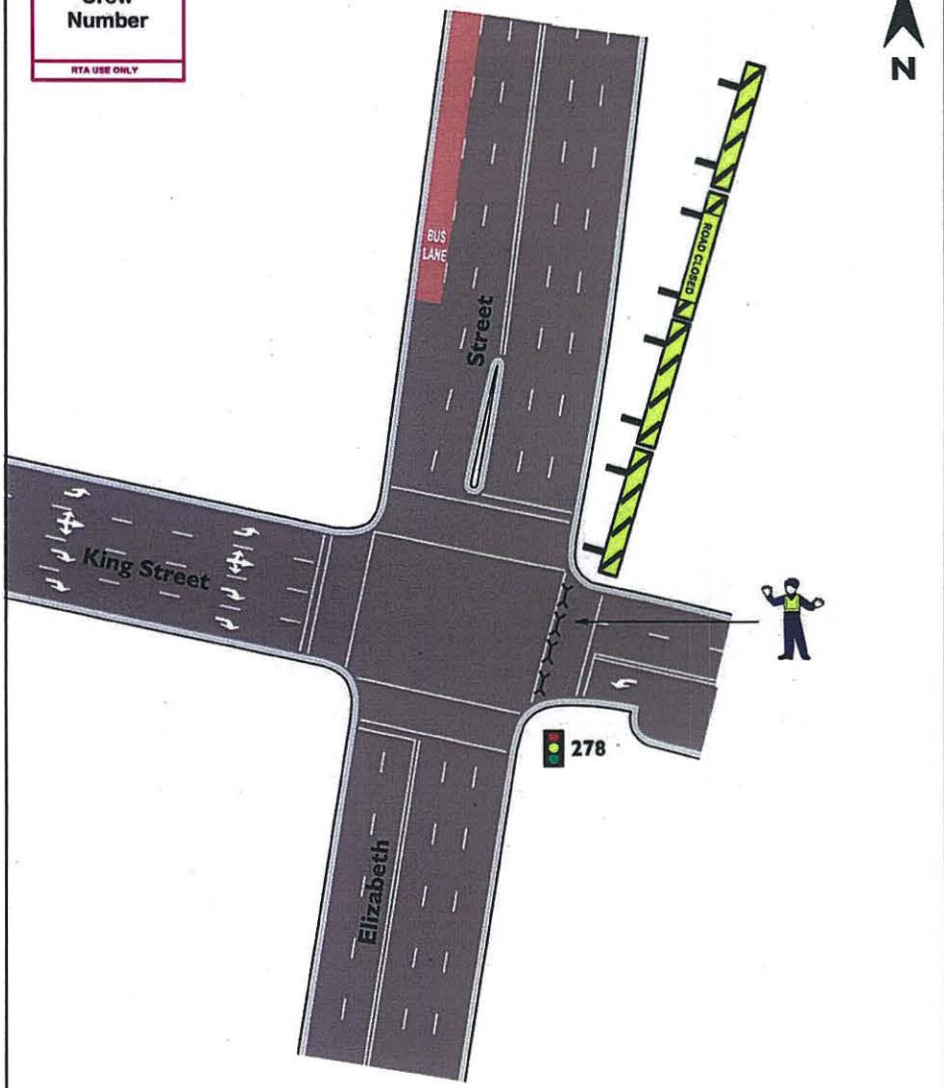
TCP No.: 59		Half Closure of Riley St Northern Side of Campbell St, Surry Hills			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0400	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

Crew Number
RTA USE ONLY



TCP No.: 60		Closure of Liverpool St both sides of Elizabeth St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE	2	Maintain closure	Monitor traffic flow	0400	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

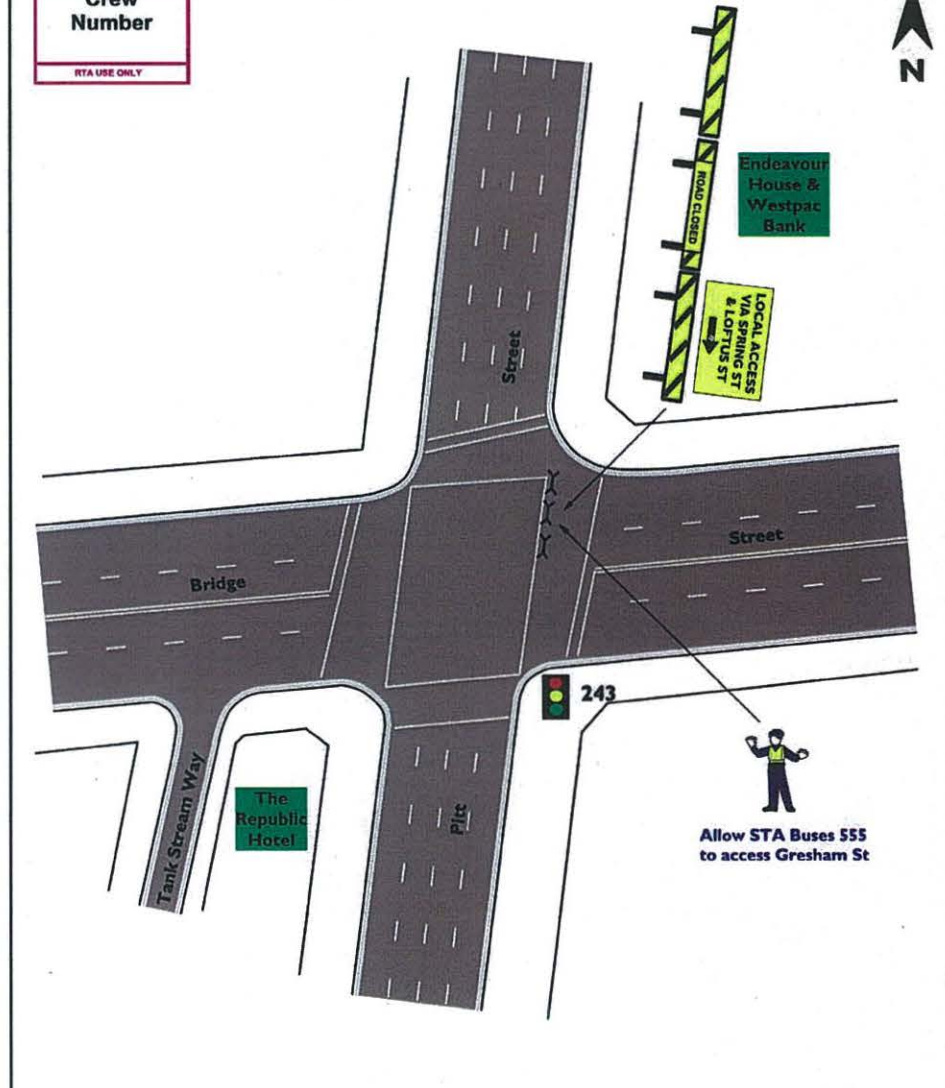
Crew Number
RTA USE ONLY



TCP No.: 61		Closure of eastern side of King St at Elizabeth St				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale



Crew Number
RTA USE ONLY

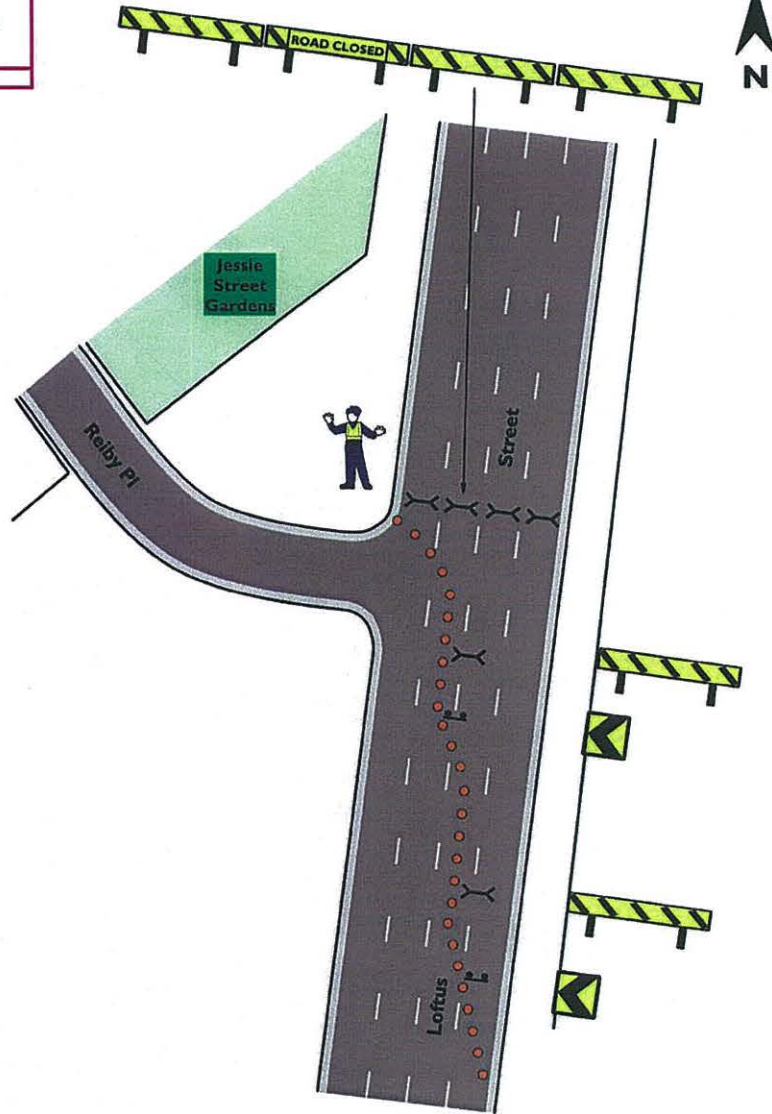



TCP No.: 62		Half Road Closure Bridge St Eastern side of Pitt St, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale

Allow STA Buses 555 to access Gresham St

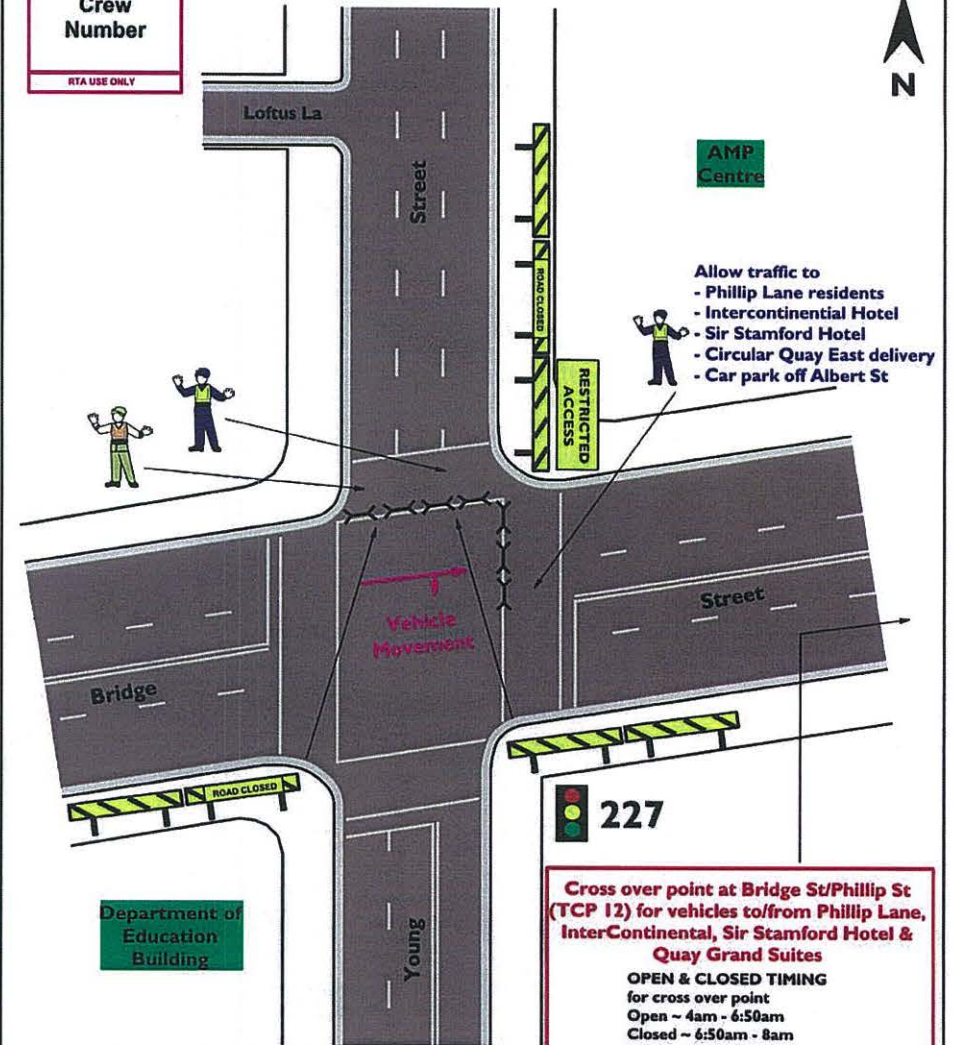


Crew Number
RTA USE ONLY



TCP No.: 63		Full Road Closure Loftus St Northern Side of Reiby Pl, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale
					 Transport Management Centre	


Crew Number
RTA USE ONLY

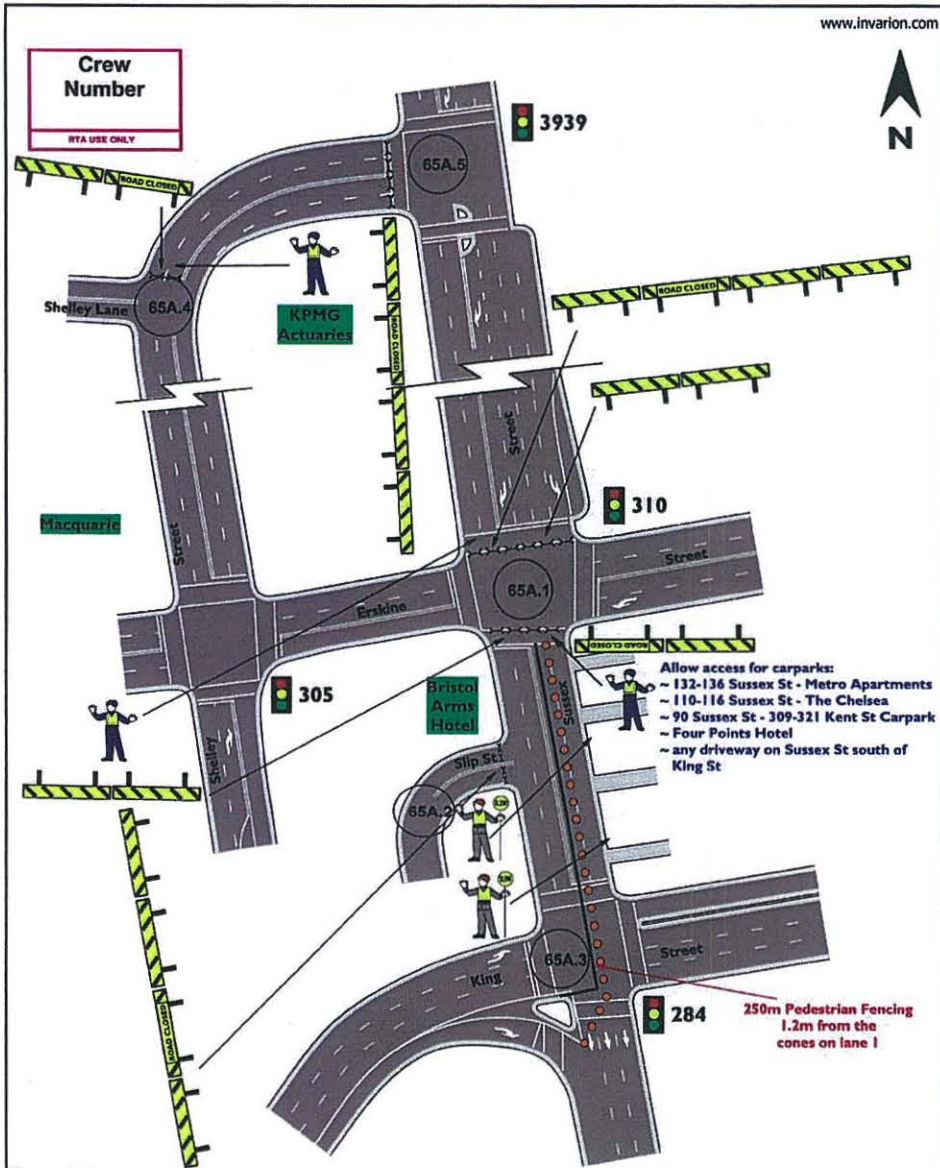


Please refer to Local Access Map for further detail on permitted vehicle movements.

Cross over point at Bridge St/Phillip St (TCP 12) for vehicles to/from Phillip Lane, InterContinental, Sir Stamford Hotel & Quay Grand Suites

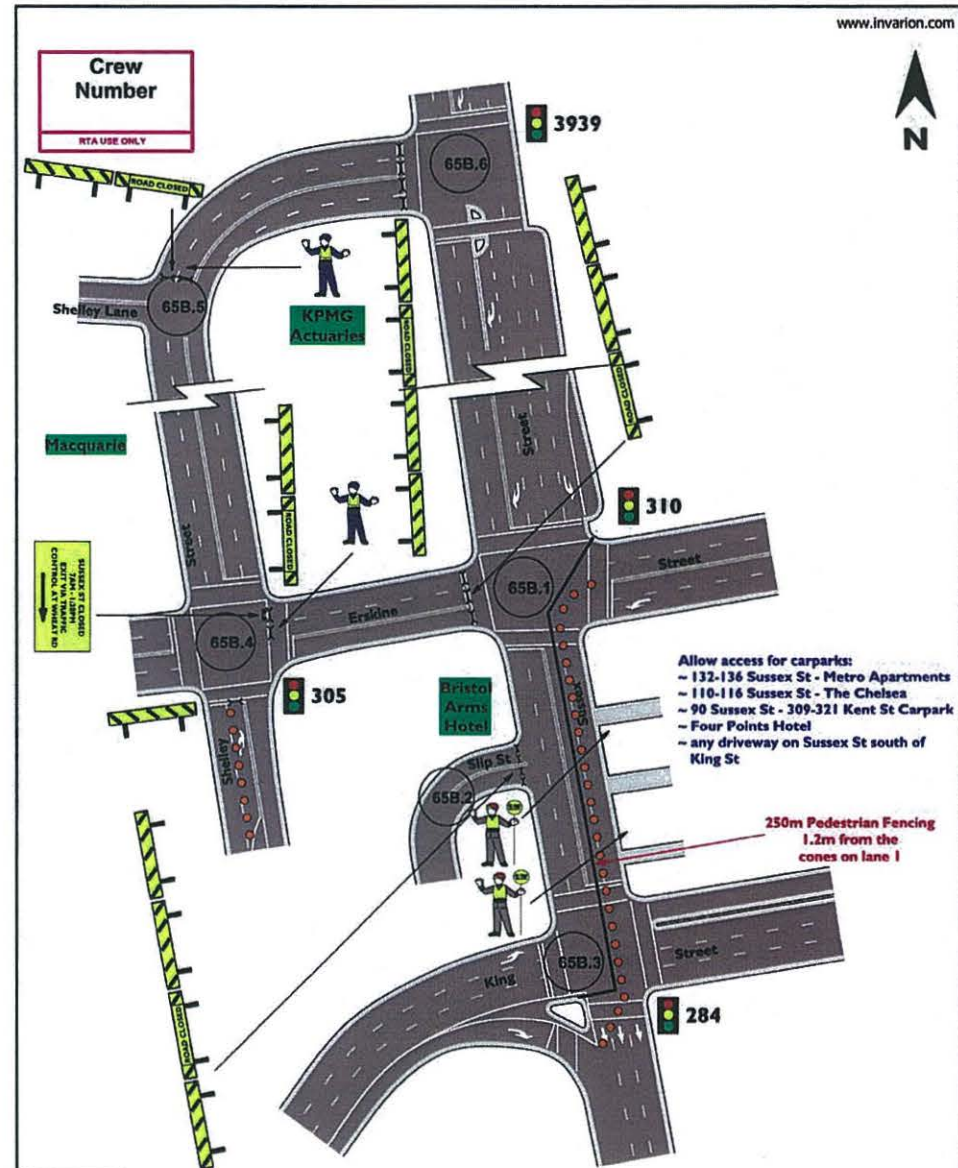
OPEN & CLOSED TIMING for cross over point
 Open ~ 4am - 6:50am
 Closed ~ 6:50am - 8am
 Open ~ 8am - 8:30am
 Limited access ~ 8:30am - 11:50am
 Open ~ 11:50am - 12 Midday
 Roads reopen 12 Midday

TCP No.: 64		Road Closure of Young St Northern Side and Bridge St Eastern Side, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	2	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS	1	Vetting of vehicles		0400	Scale:	Not to Scale
					 Transport Management Centre	



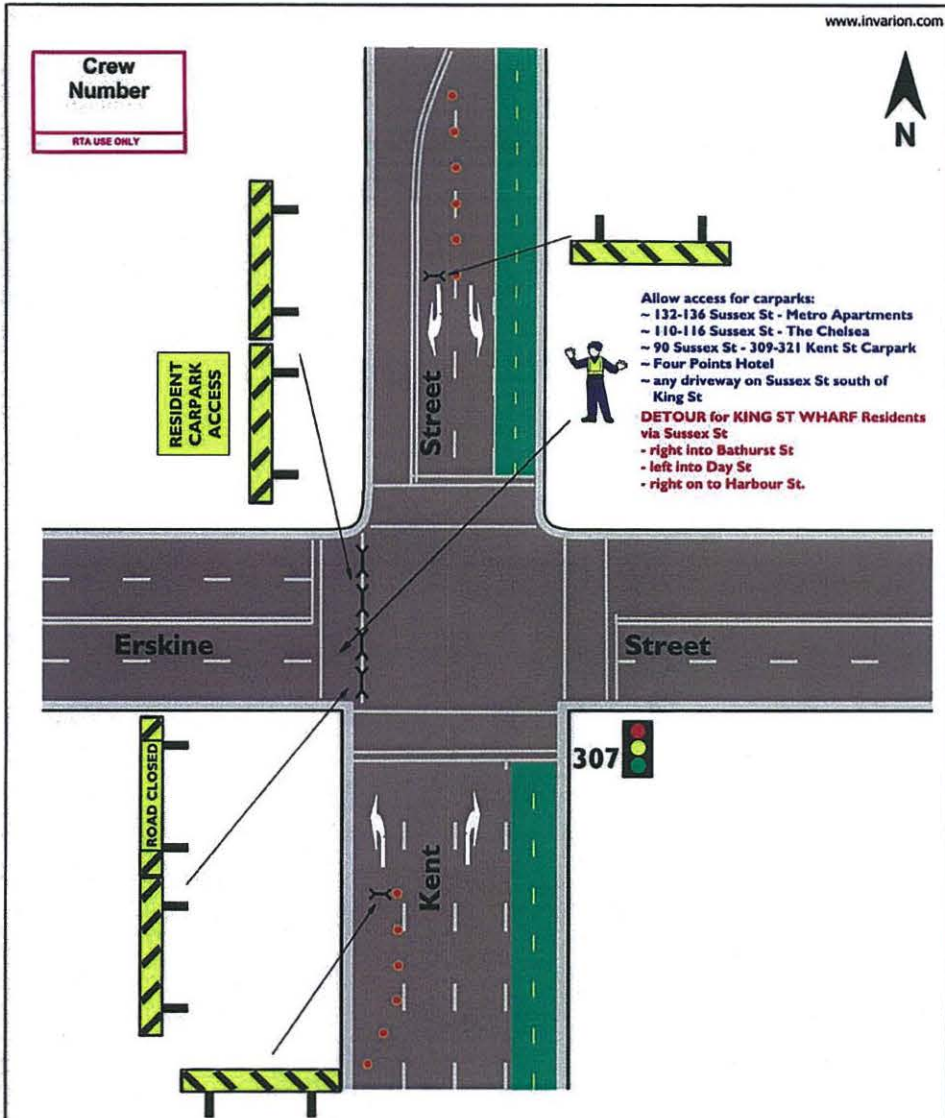
TCP No.: 65A		Closure of Sussex St between Shelley St and King St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS	2	Supply & setup barricades & signs	Stop/ slow traffic control	0400-0630	Date Updated: 29.06.12
POLICE	3	Maintain closure	Monitor traffic flow	0400-0630	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

NSW Transport Management Centre

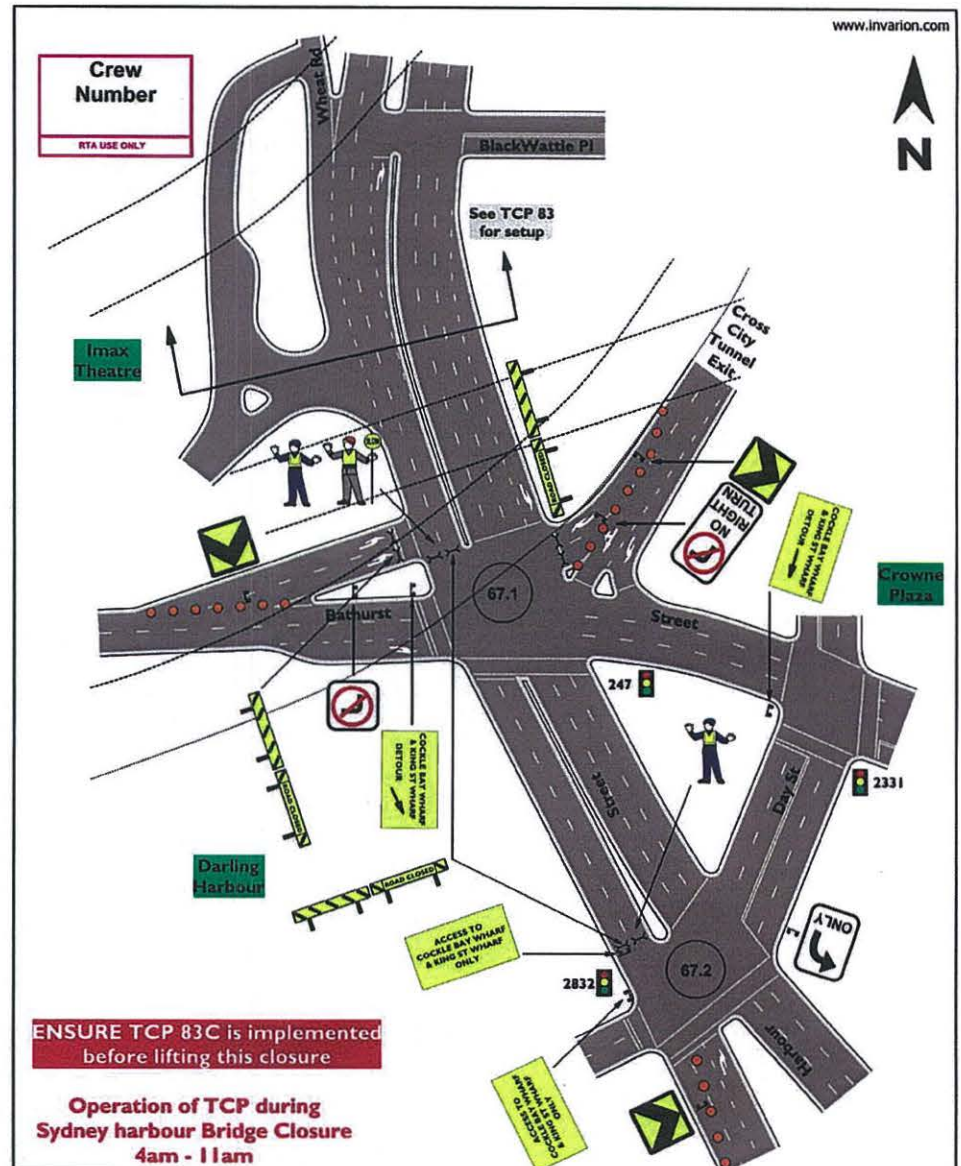


TCP No.: 65B		Closure of Sussex St between Shelley St and King St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS	2	Supply & setup barricades & signs	Stop/ slow traffic control	0630	Date Updated: 29.06.12
POLICE	2	Maintain closure	Monitor traffic flow	0630	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

NSW Transport Management Centre



TCP No.: 66		Closure of Erskine St at Kent St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0630	Date Updated: 29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0630	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

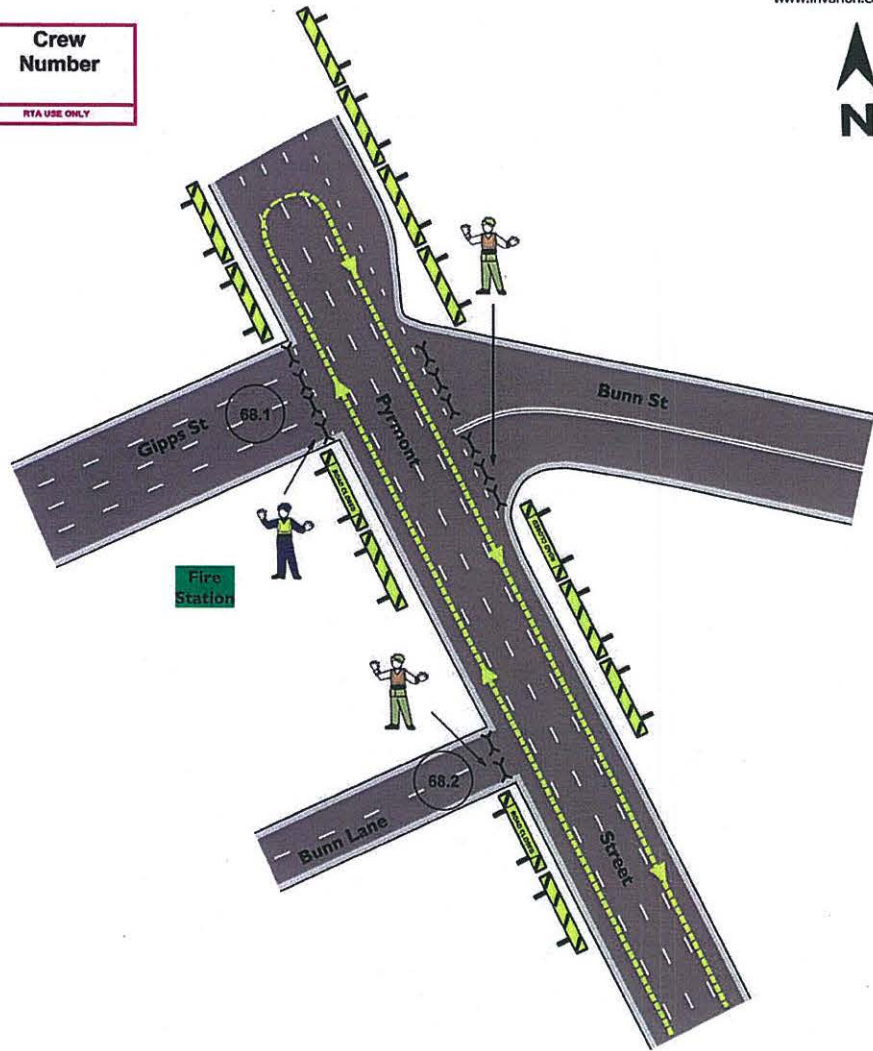


TCP No.: 67		Half Closure of Harbour St Northern Side of Day St, Darling Harbour			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS	1	Supply & setup barricades & signs	Supply contracted traffic controllers	0400-1100	Date Updated: 29.06.12
POLICE	2	Maintain closure		0400-1100	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



www.invarion.com

Crew Number
RTA USE ONLY

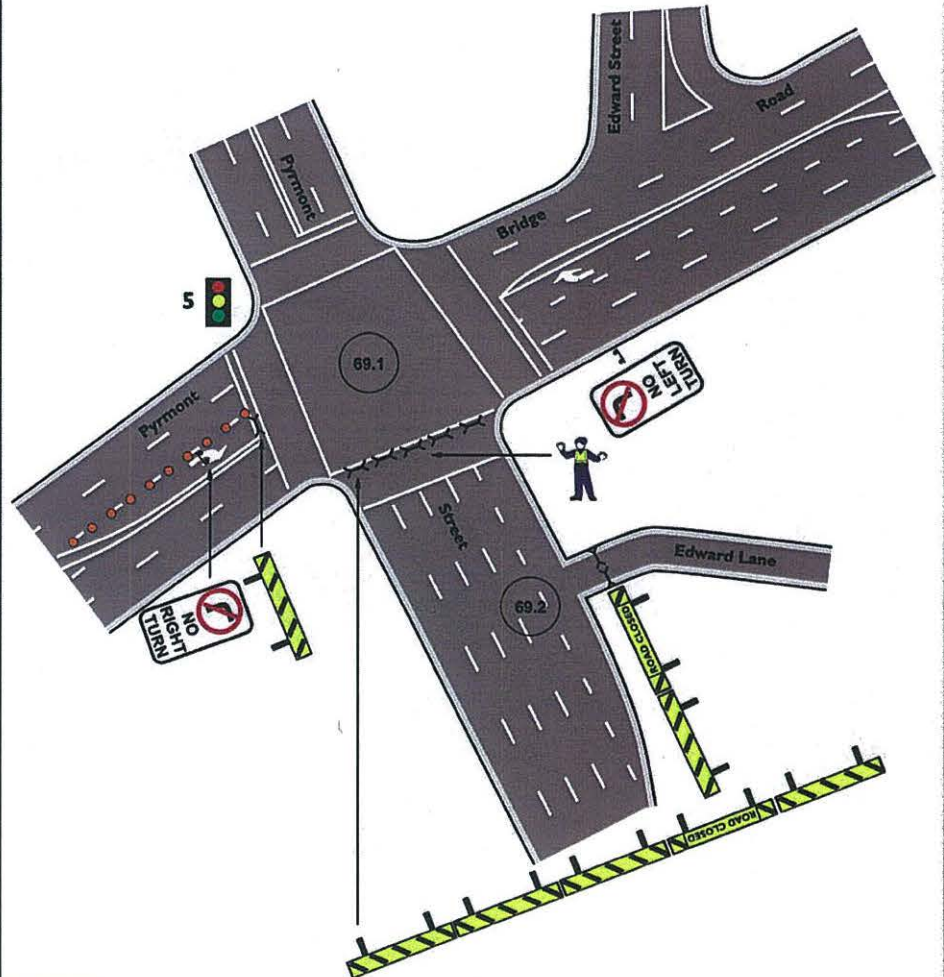


TCP No.: 68		Full Road Closure Pyrmont St, Pyrmont				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS	2	Maintain closure		0400	Scale:	Not to Scale
					Transport Management Centre	



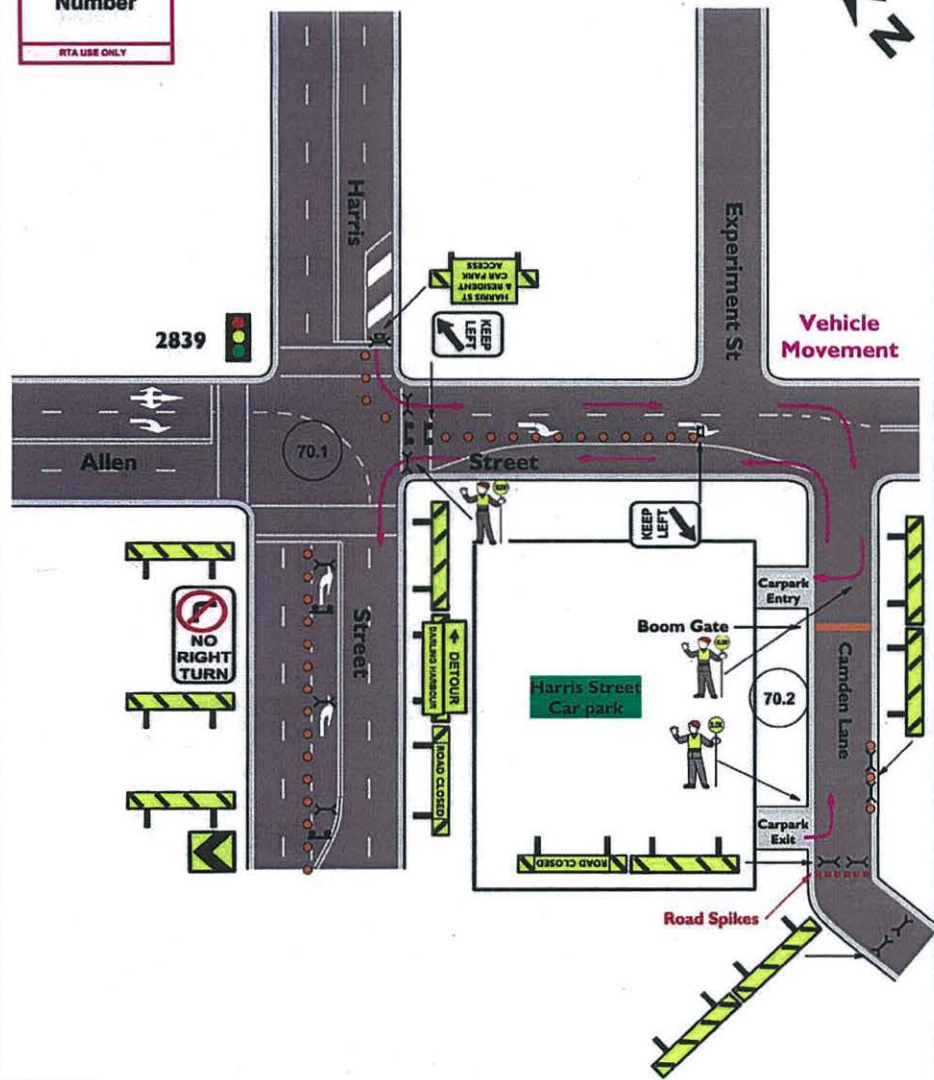
www.invarion.com

Crew Number
RTA USE ONLY



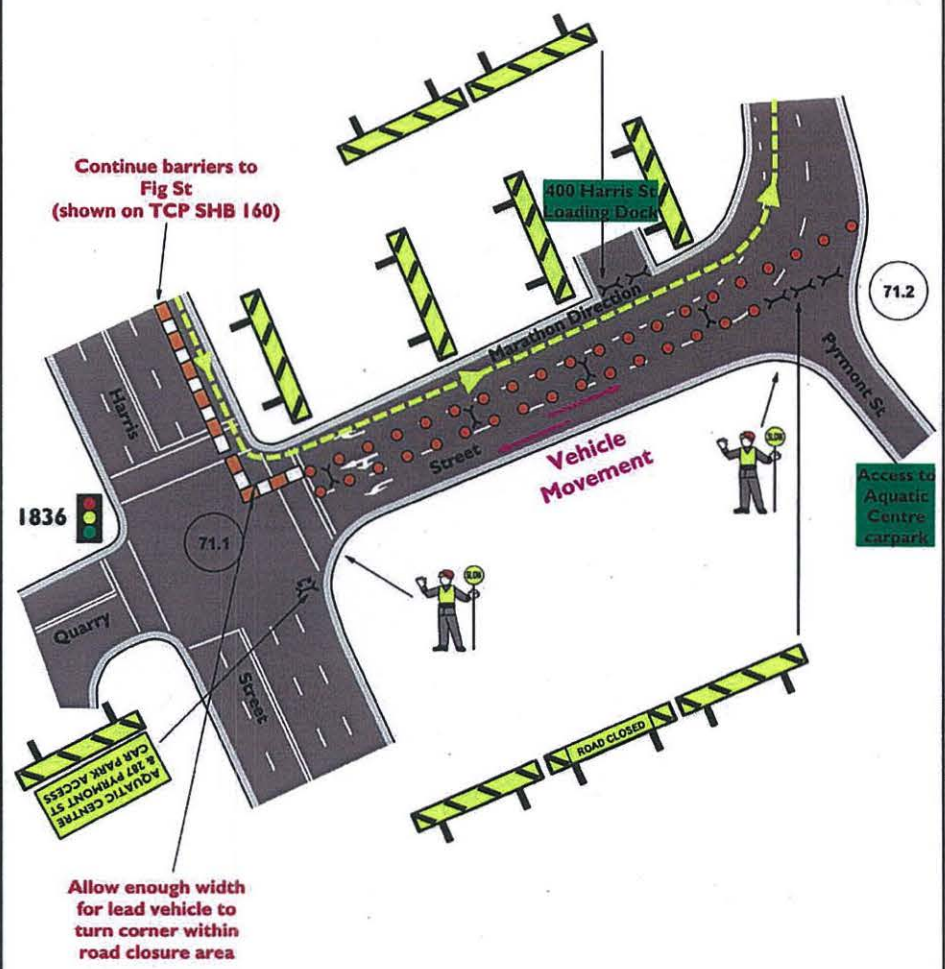
TCP No.: 69		Full Closure of Pyrmont Street Southern Side of Pyrmont Bridge Rd, Pyrmont Full Closure of Edward Lane at Pyrmont St, Pyrmont				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale
					Transport Management Centre	

Crew Number
RTA USE ONLY



TCP No.: 70		Full Closure of Allen St eastern side of Harris St, Pyrmont				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS	1	Supply & setup barricades & signs		0400	Date Updated: 29.06.12	Transport Management Centre
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	2	Event organiser to supplied traffic controllers for Camden Ln		0400	Scale: Not to Scale	

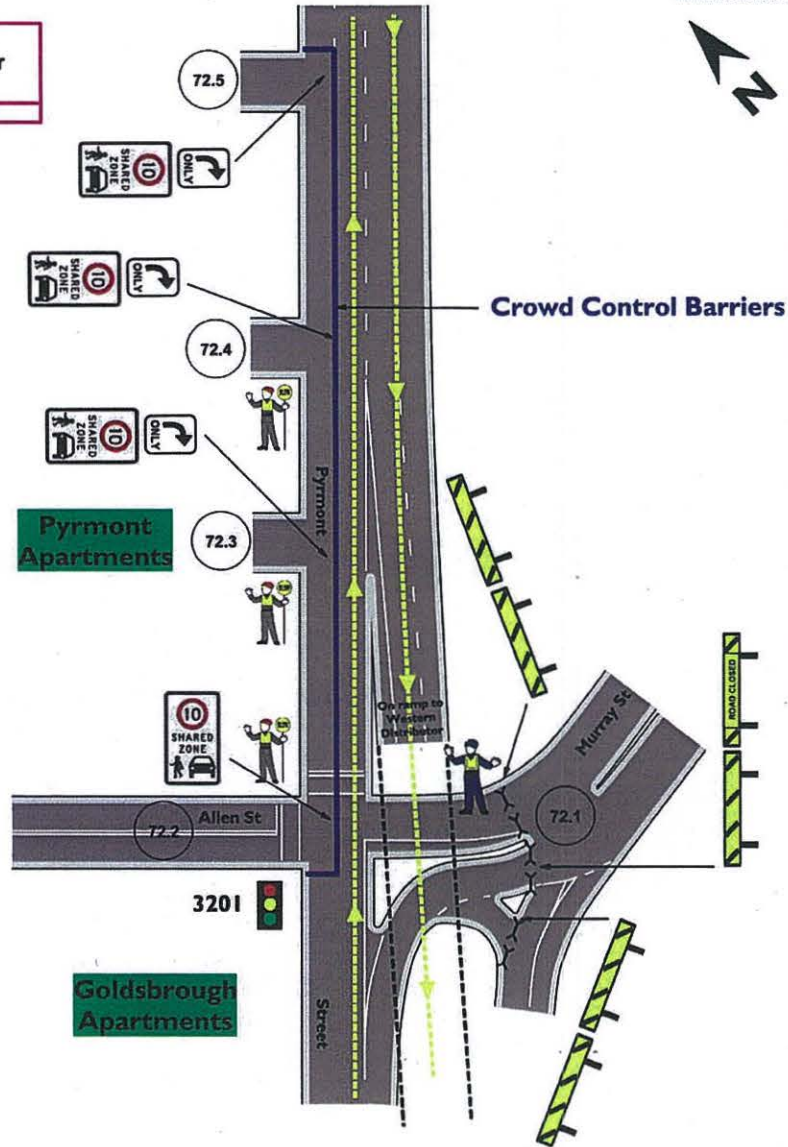
Crew Number
RTA USE ONLY



TCP No.: 71		Half Road Closure of Quarry St northern side of Harris St, Pyrmont				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS	2	Supply & setup barricades & signs	Monitor traffic flow	0400	Date Updated: 29.06.12	Transport Management Centre
POLICE		Maintain closure			Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	



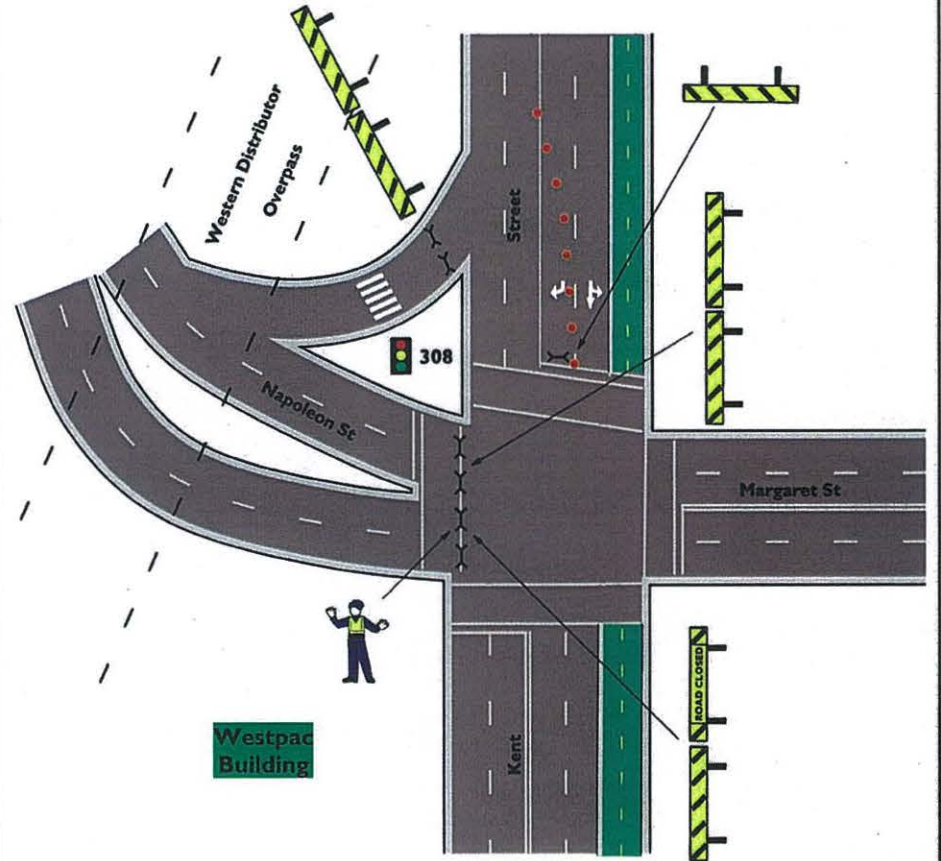
Crew Number
RTA USE ONLY



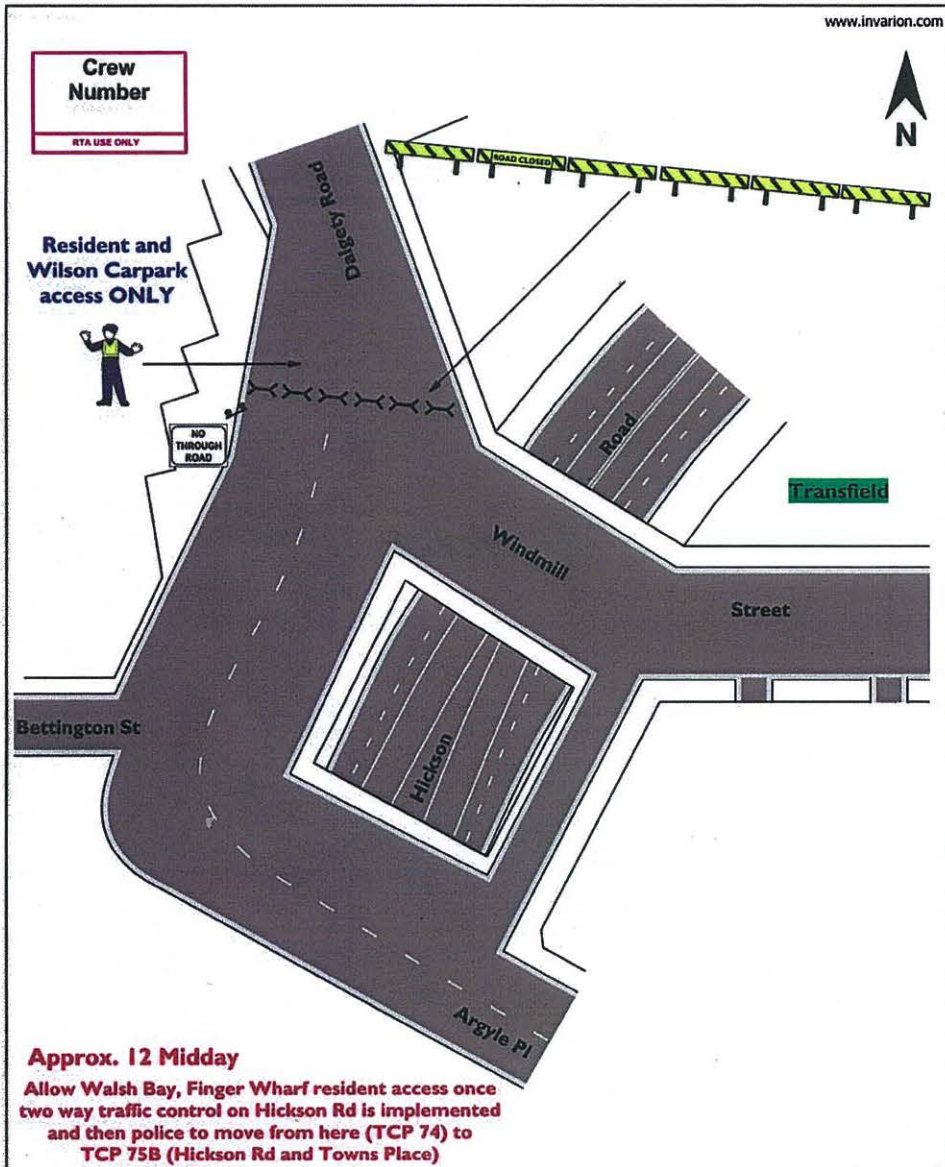
TCP No.: 72		Full Road Closure Pyrmont St, Pyrmont				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS	3	Supply & setup barricades & signs	Stop/ slow traffic control	0400	Date Updated:	29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale



Crew Number
RTA USE ONLY

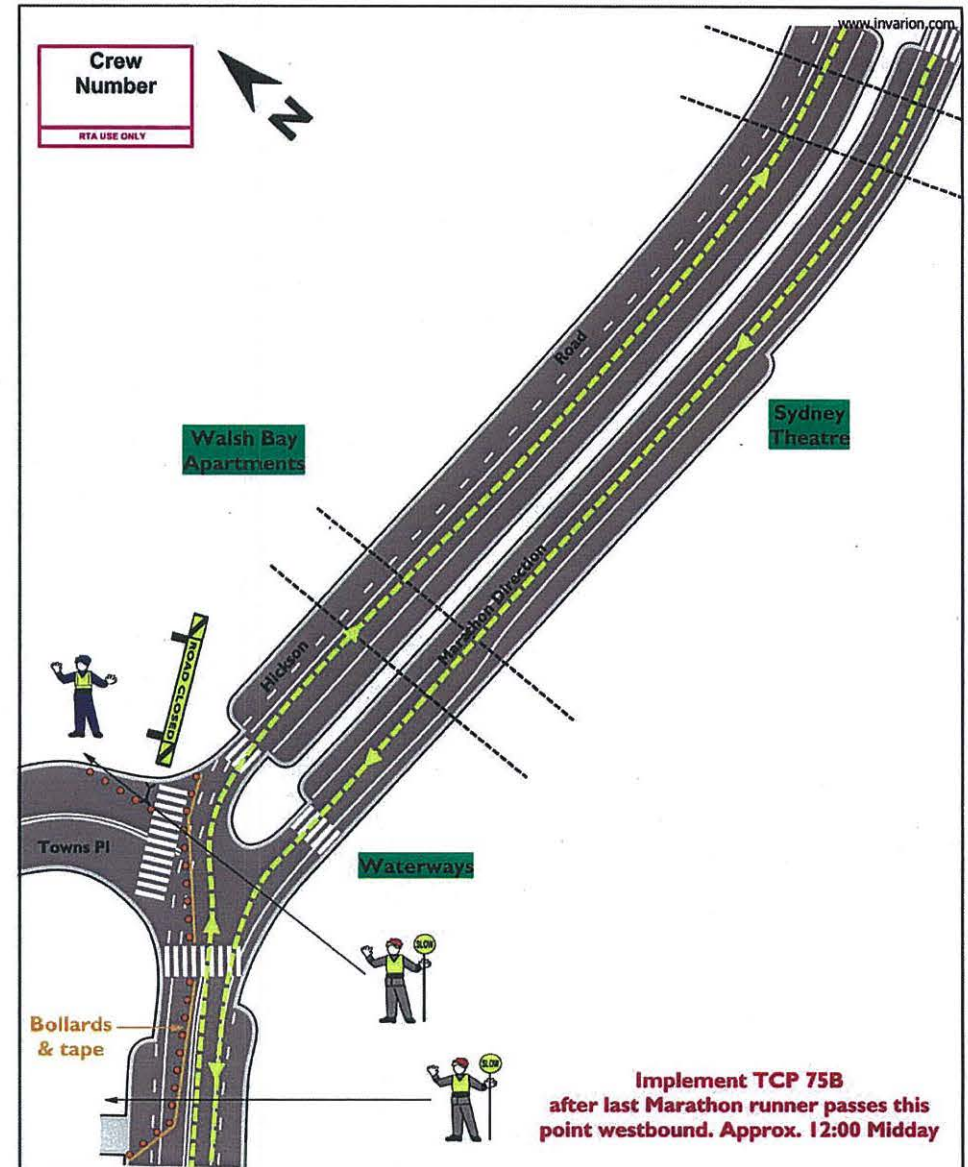


TCP No.: 73		Road Closure Napoleon St Southern Side of Kent St, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale



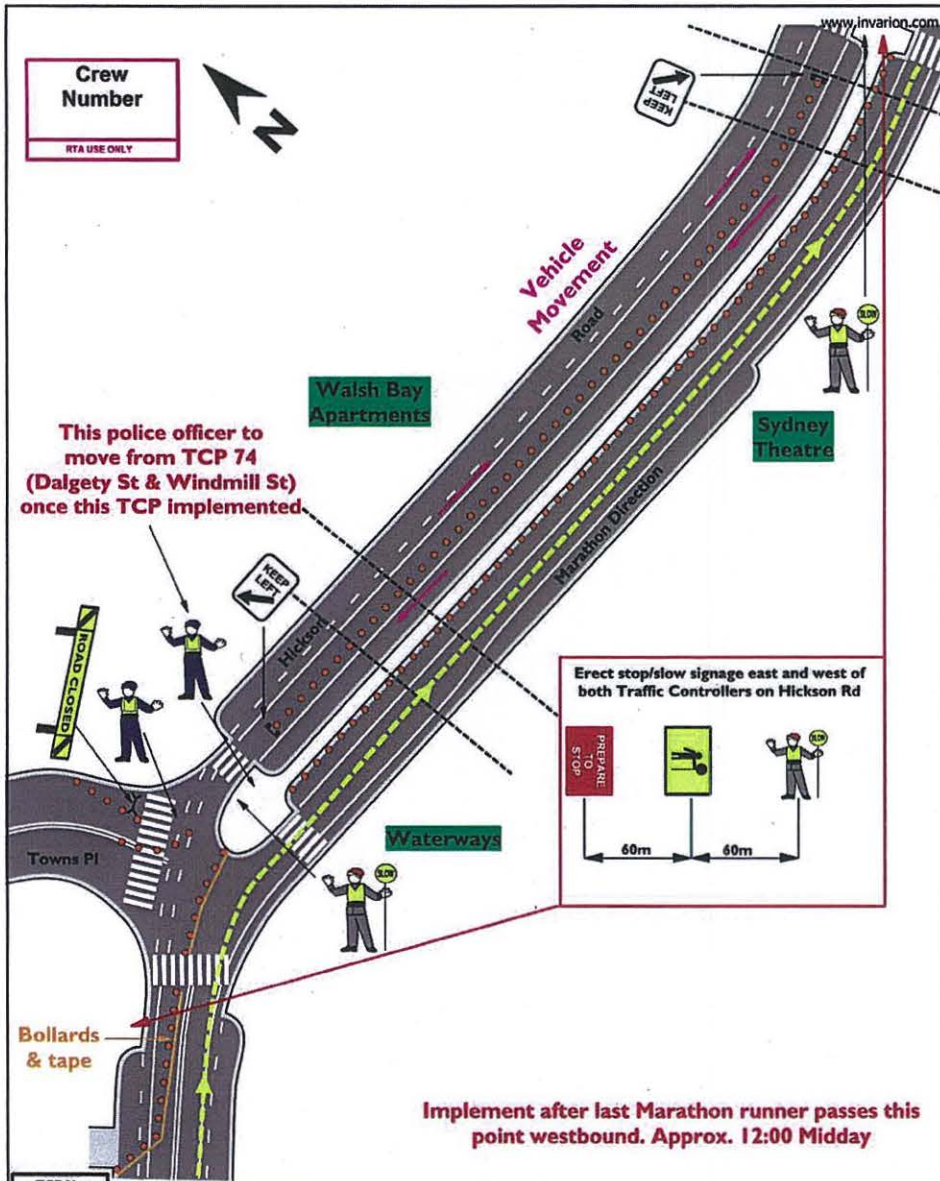
TCP No.: 74		Road Closure Dalgety Rd at Windmill St, Resident access only, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400-approx. 12midday	Date Updated: 29.06.12
POLICE	1	Maintain closure		0400-approx. 12midday	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

NSW Transport Management Centre

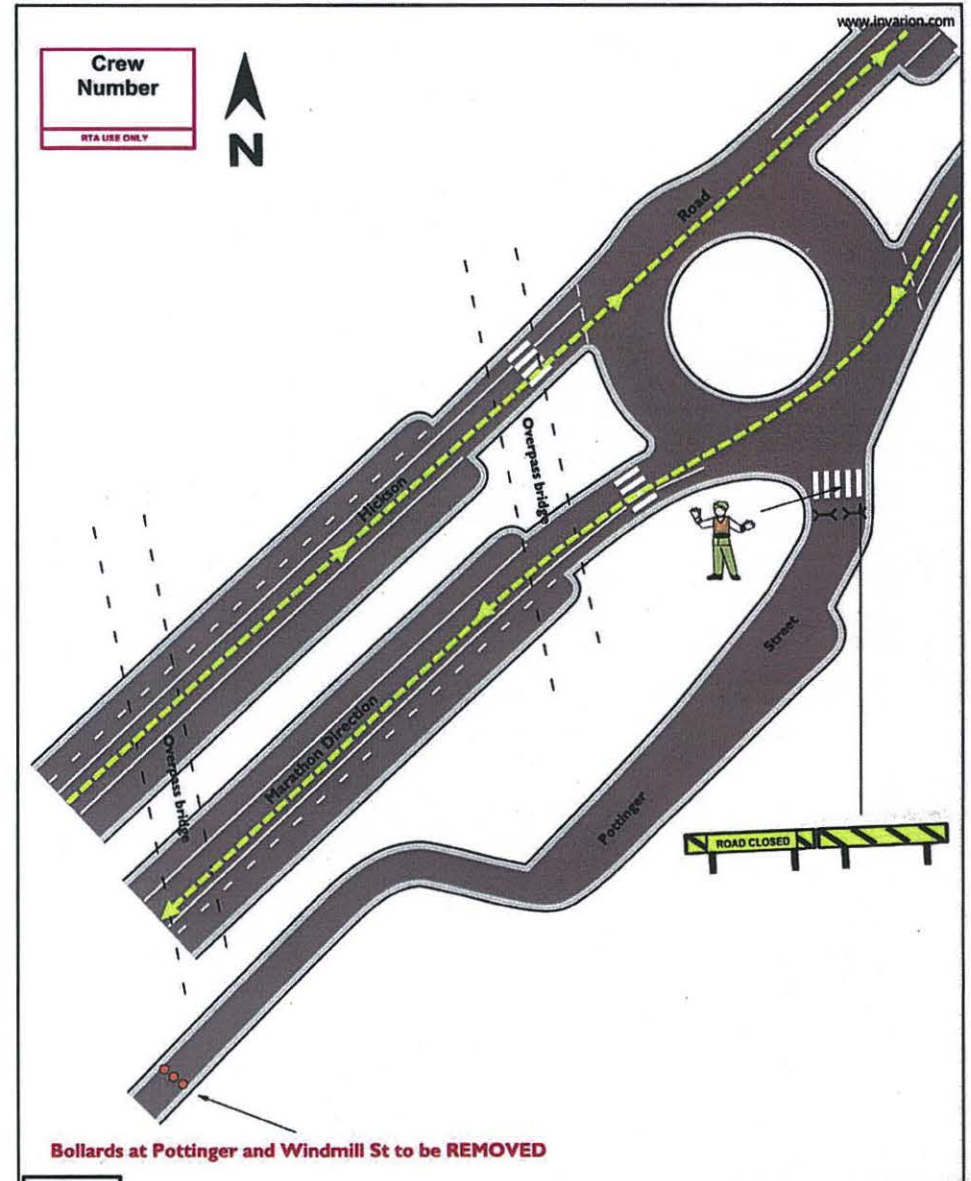


TCP No.: 75A		Closure of Hickson Rd and Towns Place, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS	2	Supply & setup barricades & signs	Stop/ slow traffic control	0400-approx. 1200	Date Updated: 29.06.12
POLICE	1	Maintain traffic flow		0400-approx. 1200	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

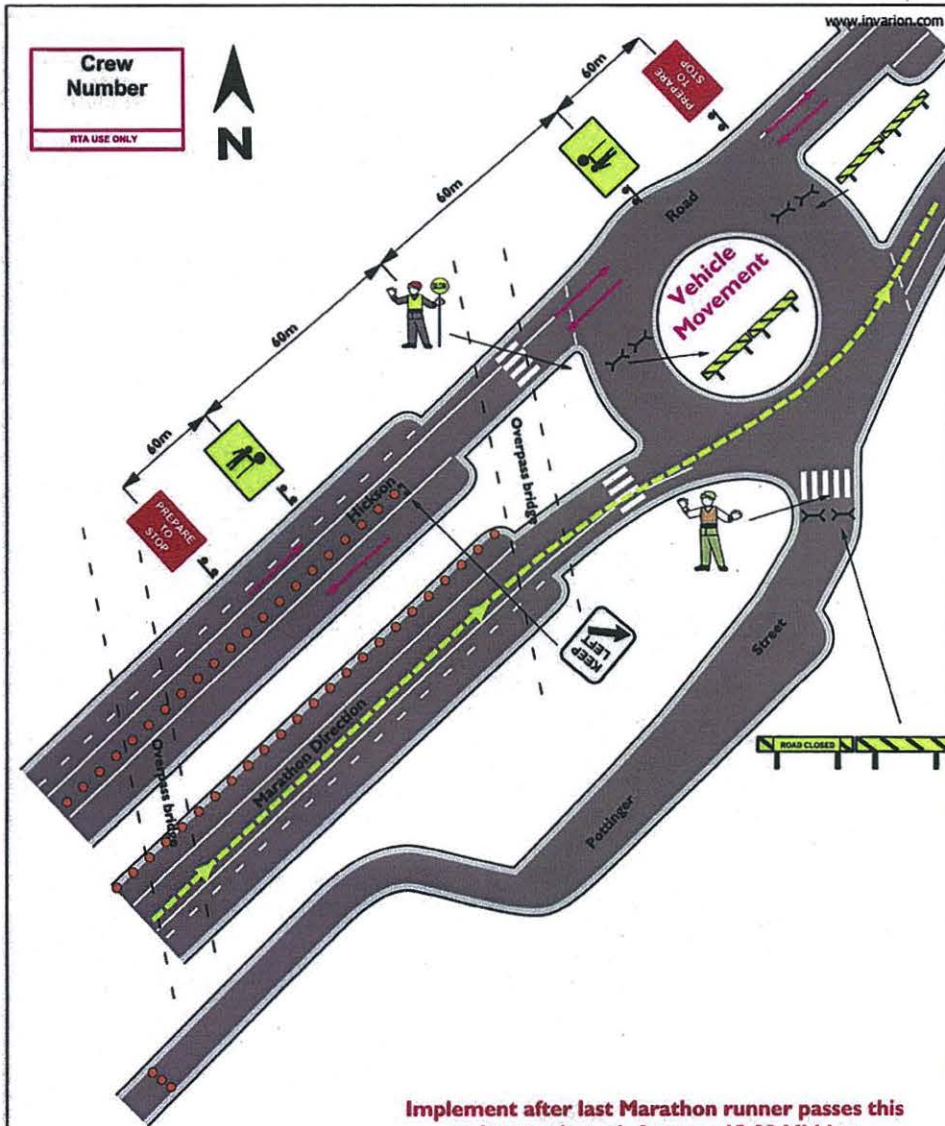
NSW Transport Management Centre



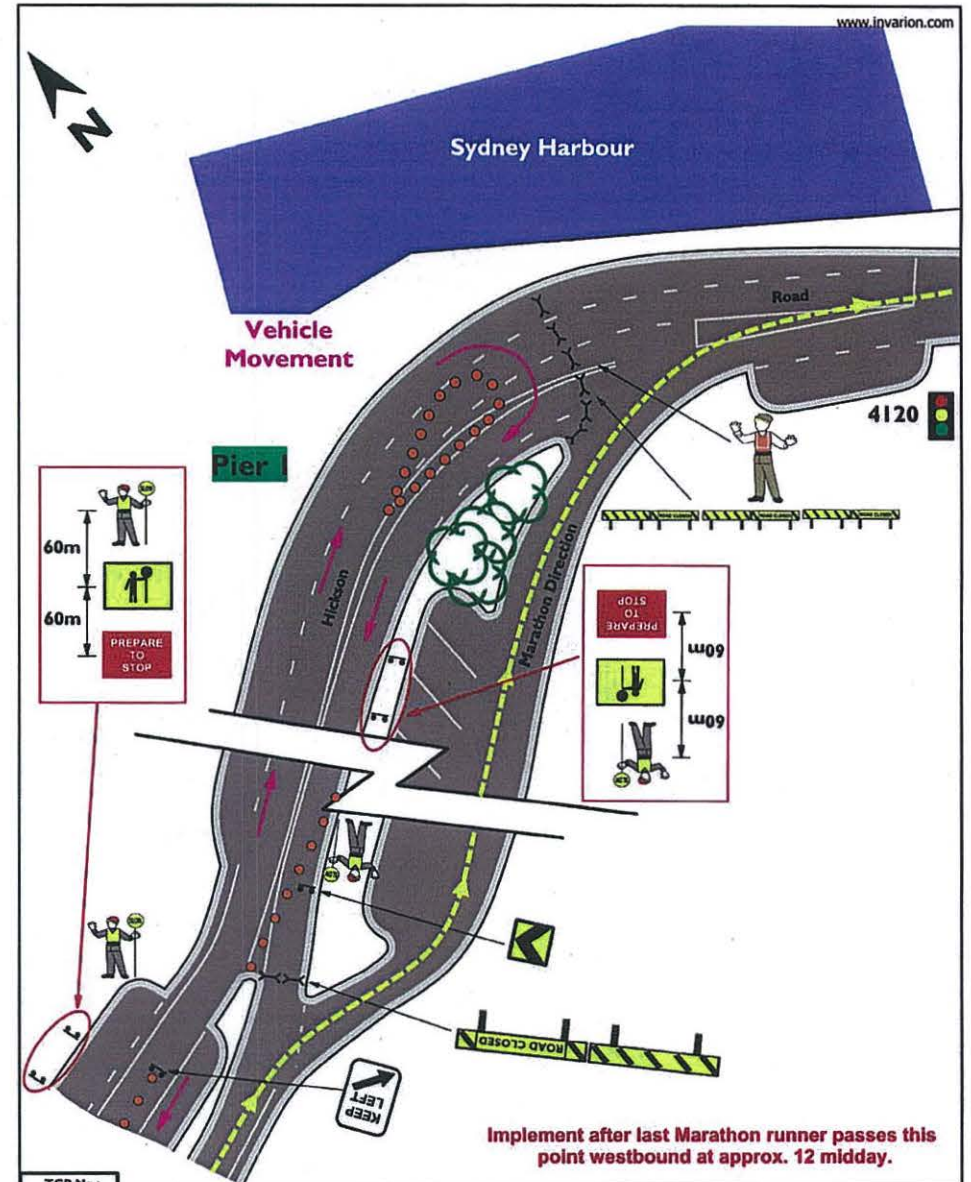
TCP No.: 75B		Closure of Hickson Rd and Towns Place, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS	2	Supply & setup barricades & signs	Stop/ slow traffic control	Approx 12 Midday	Date Updated: 29.06.12
POLICE	2	Maintain traffic flow	Manage residents access to Hickson Rd	Approx 12 Midday	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



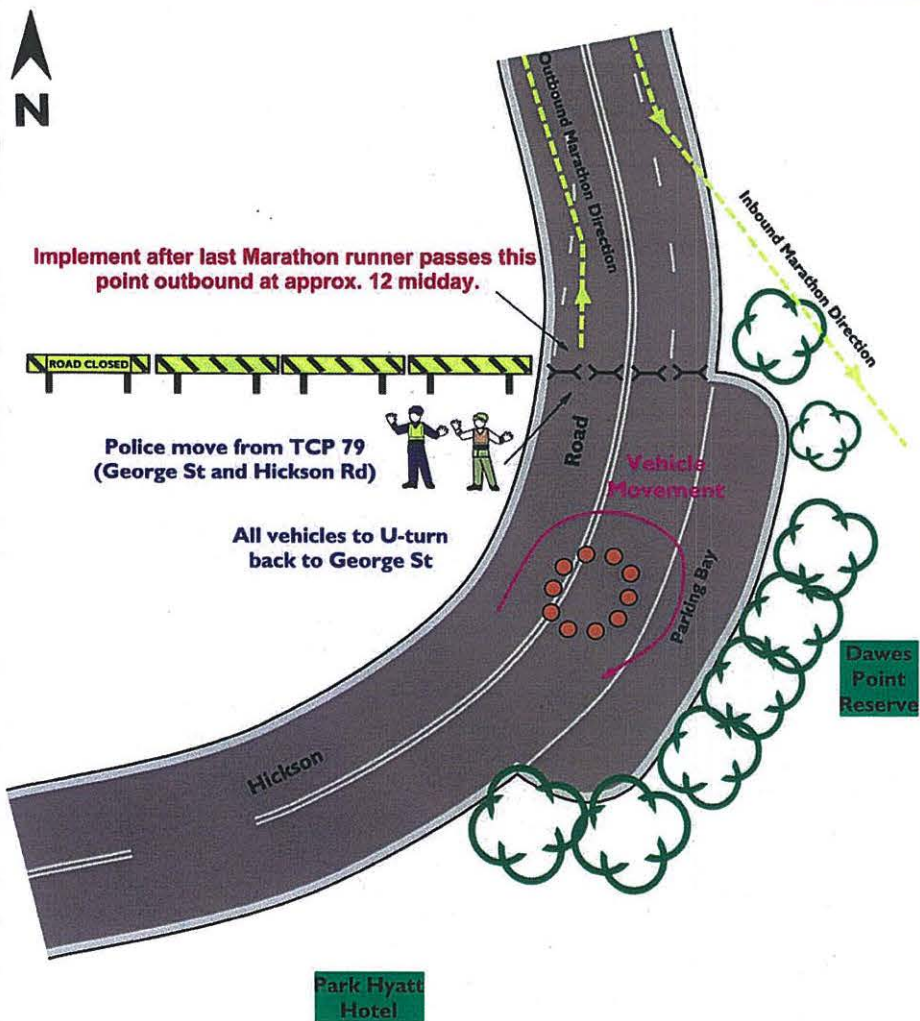
TCP No.: 76A		Closure of Hickson Rd and Pottinger St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400-approx. 1200	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	1	Maintain closure		0400-approx. 1200	Scale: Not to Scale



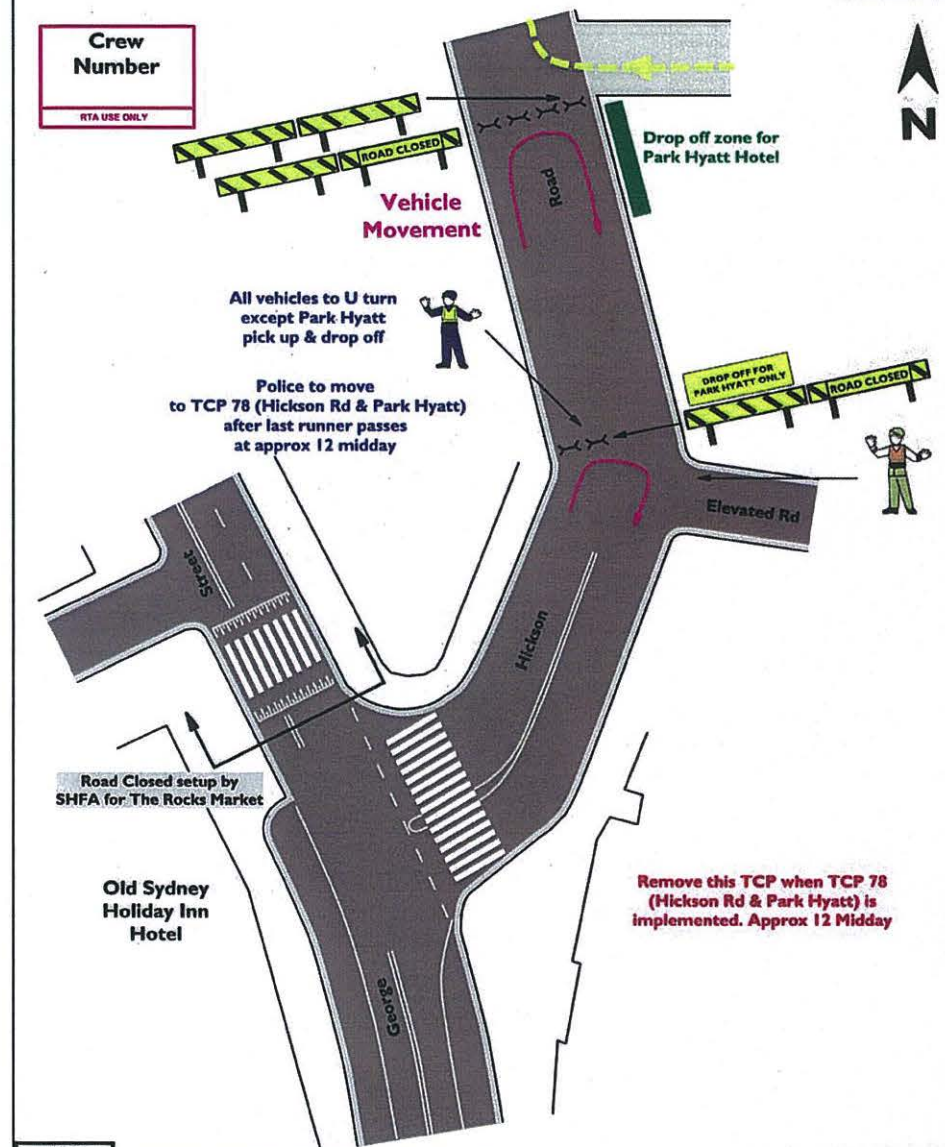
TCP No.: 76B		Closure of Hickson Rd and Pottinger St, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS	1	Supply & setup barricades & signs	Stop/ slow traffic control	Approx 12 Middy	Date Updated: 29.06.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	1	Maintain closure		Approx 12 Middy	Scale: Not to Scale	



TCP No.: 77		Hickson Rd contra flow for Pier One Hotel and Walsh Bay access				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
RMS	3	Supply / setup barricades & signs	Stop/Slow traffic control	Approx 12 Middy	Date Updated: 27.06.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	



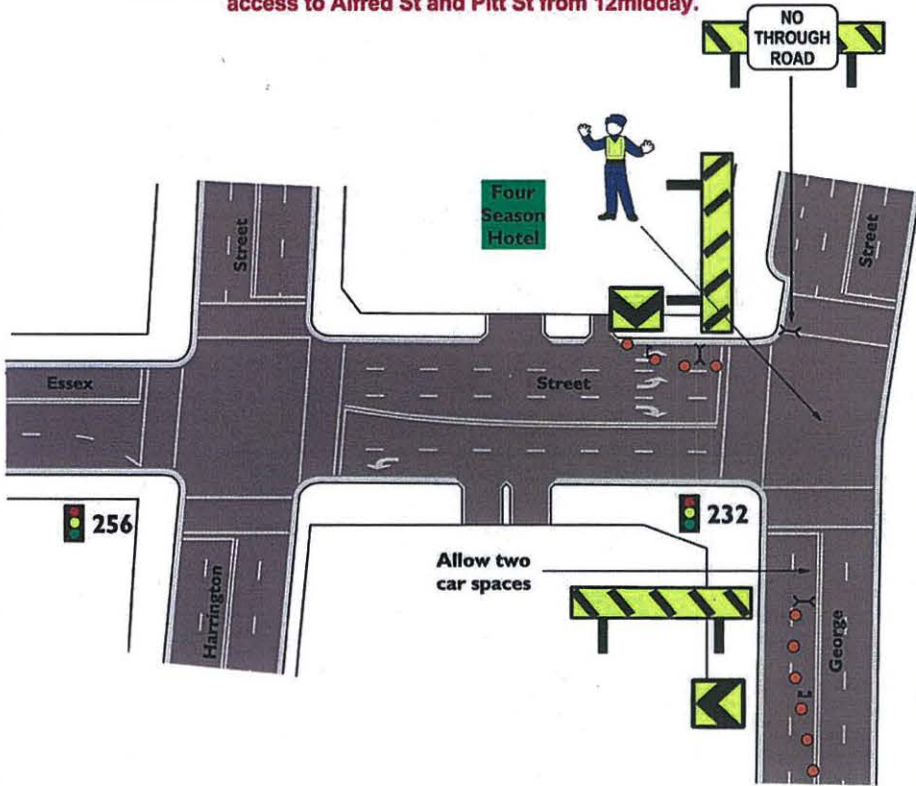
TCP No.: 78		Full Road Closure Hickson Rd at Park Hyatt Hotel, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
RMS		Supply / setup barricades & signs		Approx 12 Midday	Date Updated: 27.06.12
POLICE	1	Maintain Closure		Approx 12 Midday	Drawn: Major Events
TRAFFIC MARSHALS	1	Manage U-turn		Approx 12 Midday	Scale: Not to Scale



TCP No.: 79		Closure of Hickson Rd north of Elevated Rd, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
RMS		Supply / setup barricades & signs		0400	Date Updated: 27.06.12
POLICE	1	Monitor Traffic Flow	Manage Access to Park Hyatt Hotel drop off area	0400 to midday	Drawn: Major Events
TRAFFIC MARSHALS	1	Maintain Closure		0400 to midday	Scale: Not to Scale



Allow access to George St north of Essex St for deliveries and access to hotels between 4am and 12midday, then also allow access to Alfred St and Pitt St from 12midday.

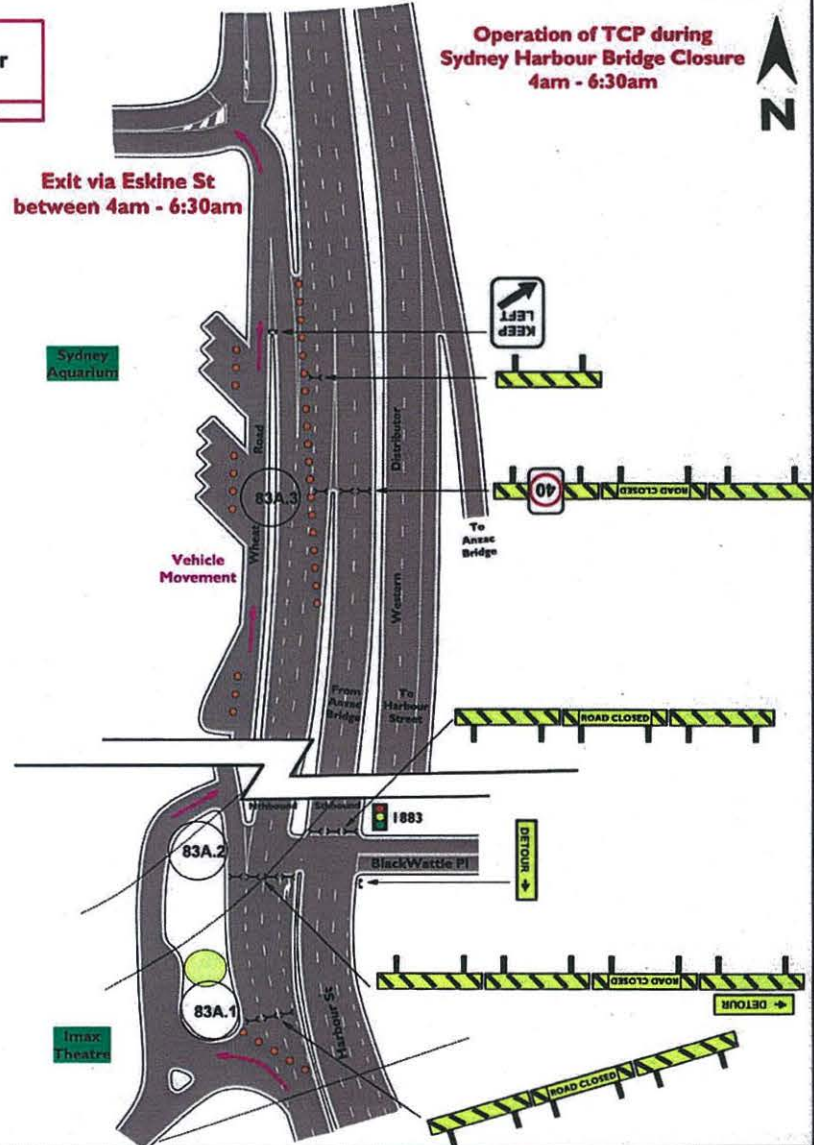


TCP No.: 82		Half Road Closure of George St at Essex St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC / RMS		Supply & setup barricades & signs			Date Updated: 28.06.12
POLICE	1	Allow deliveries and local access to George St only		0400	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

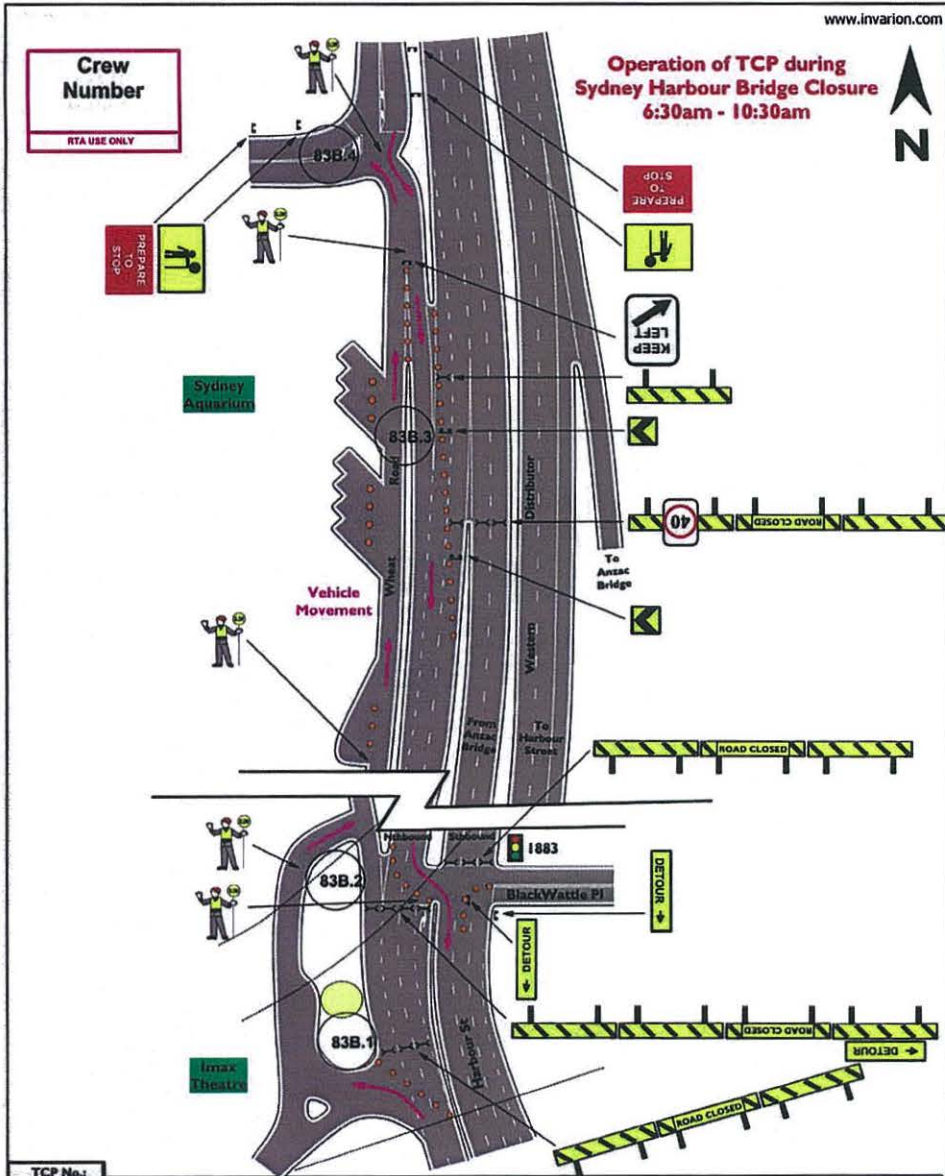


Operation of TCP during Sydney Harbour Bridge Closure 4am - 6:30am

Exit via Eskine St between 4am - 6:30am



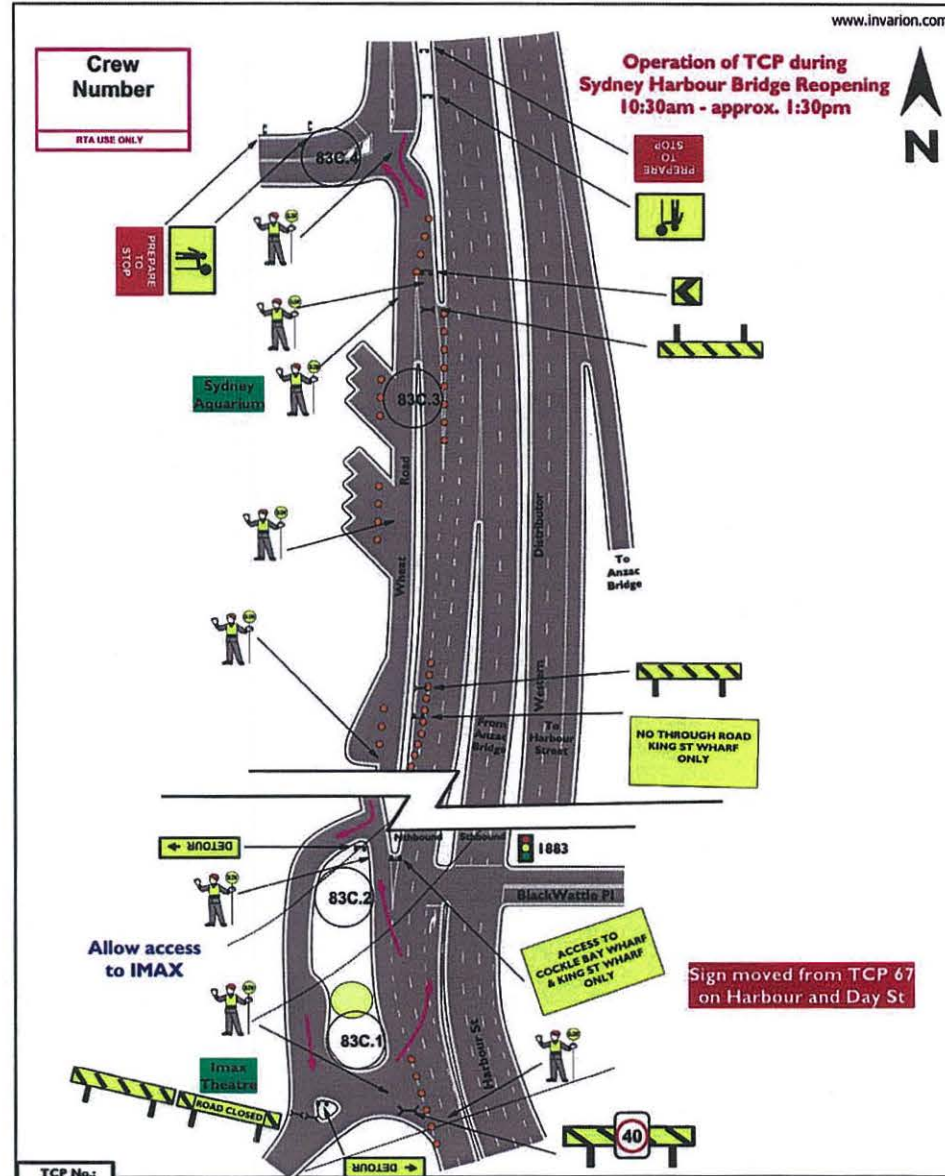
TCP No.: 83A		Traffic Control for Wheat Rd, Darling Harbour			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC / RMS					Date Updated: 28.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS		Supply & setup barricades & signs by Who Dares		0400-0630	Scale: Not to Scale



Operation of TCP during Sydney Harbour Bridge Closure 6:30am - 10:30am

Crew Number
RTA USE ONLY

TCP No.: 83B		Traffic Control for Wheat Rd, Darling Harbour		
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES
TMC / RMS				
POLICE				
TRAFFIC MARSHALS	5	Supply & setup barricades & signs by Who Dares	Stop/Slow traffic control	0630-1030
				Date Updated: 28.06.12 Drawn: Major Events Scale: Not to Scale

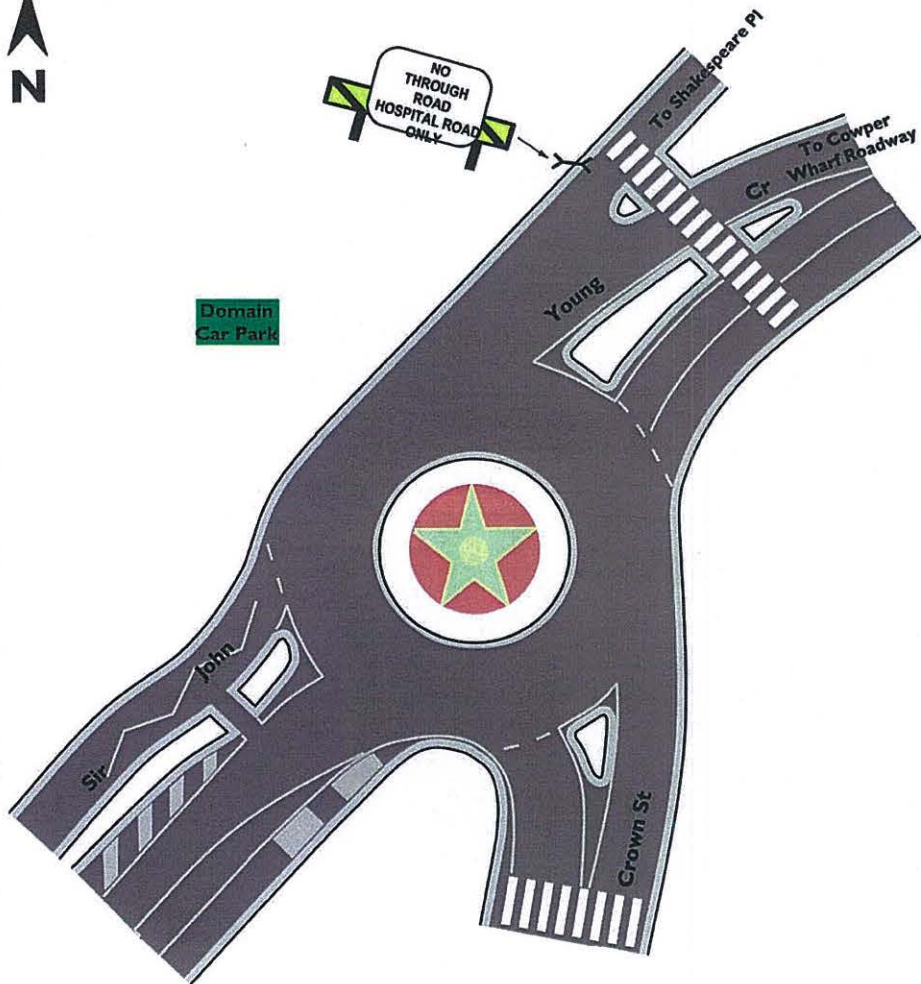


Operation of TCP during Sydney Harbour Bridge Reopening 10:30am - approx. 1:30pm

Crew Number
RTA USE ONLY

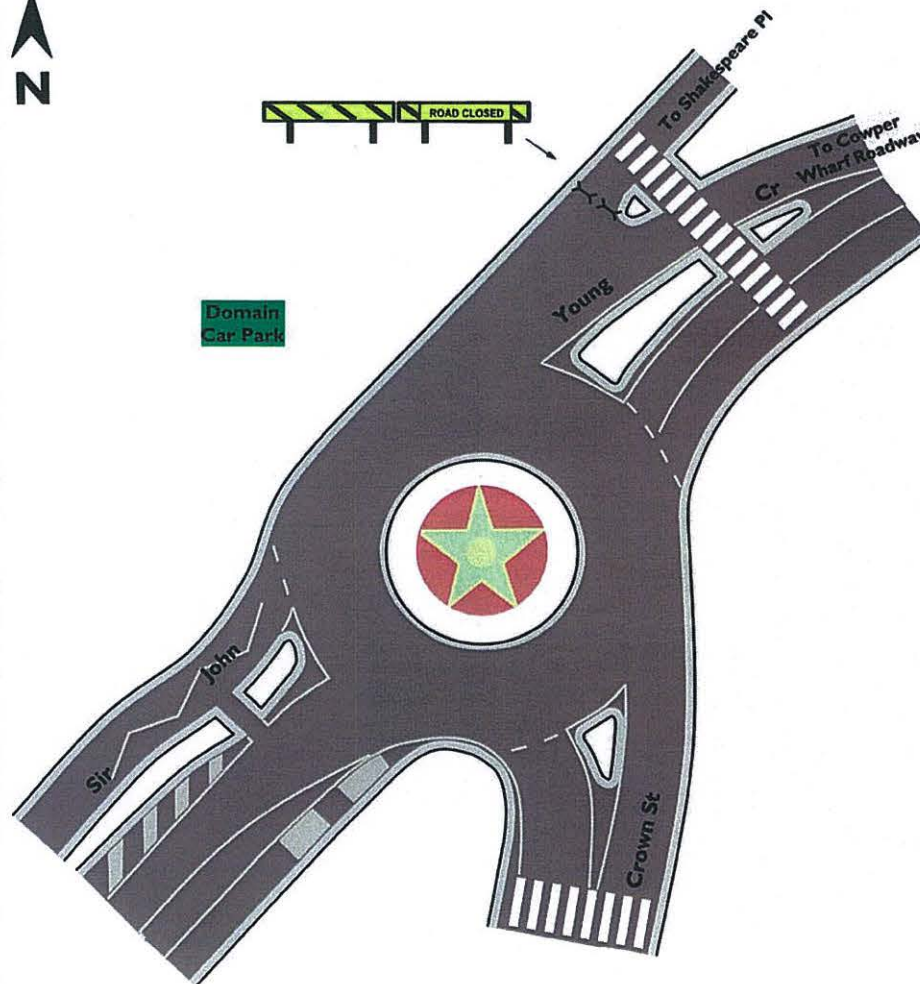
TCP No.: 83C		Traffic Control for Wheat Rd, Darling Harbour		
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES
TMC / RMS				
POLICE				
TRAFFIC MARSHALS	8	Supply & setup barricades & signs by Who Dares	Stop/Slow traffic control	1030-approx. 1330
				Date Updated: 28.06.12 Drawn: Major Events Scale: Not to Scale

Sign moved from TCP 67 on Harbour and Day St



**Change to TCP 84 phase B when TCP 20B, 21B and 23 are in place.
(Once Hospital Road is back to normal operation).**

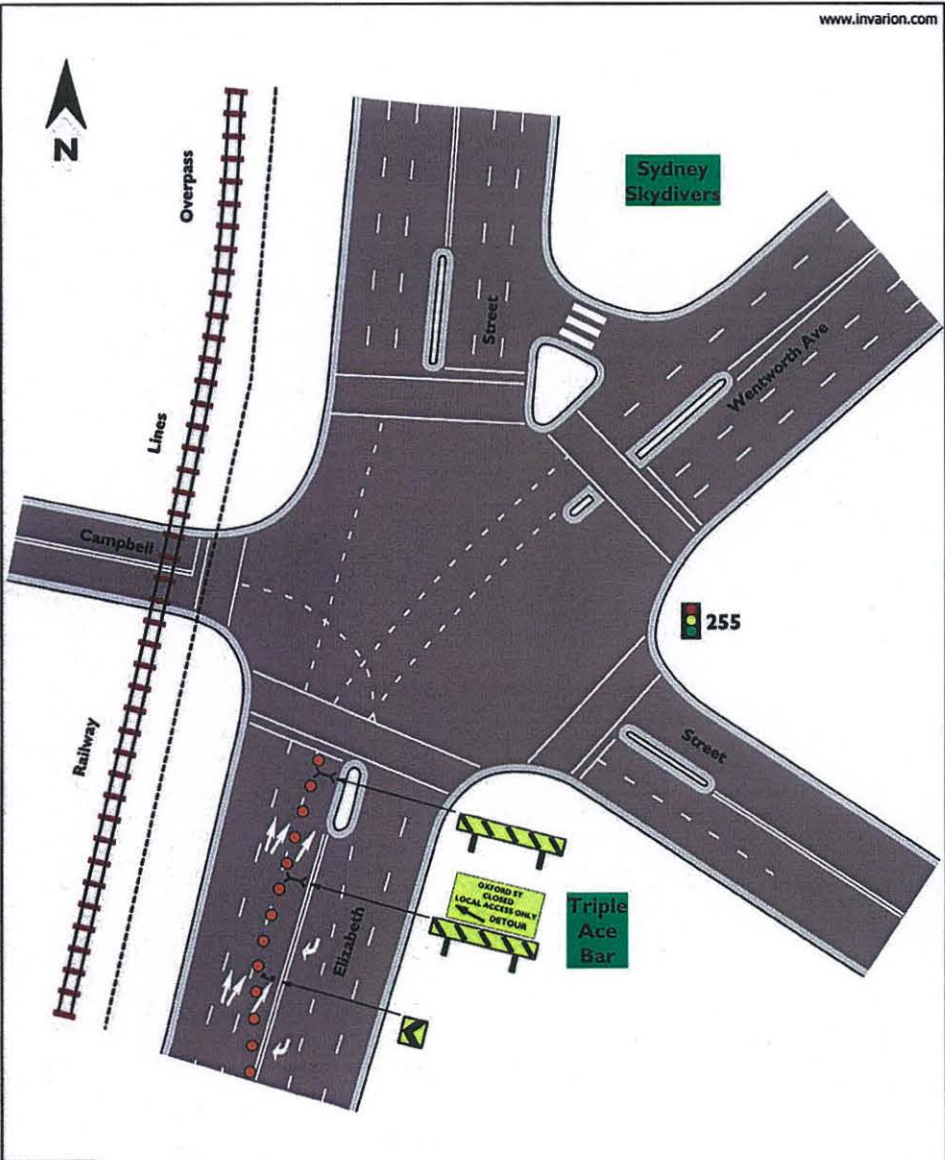
TCP No.: 84A		Half Road Closure Sir John Young Crescent, Woolloomooloo			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC / RMS		Supply & setup barricades & signs	Install TCP 84A at 11am	0700	Date Updated: 28.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



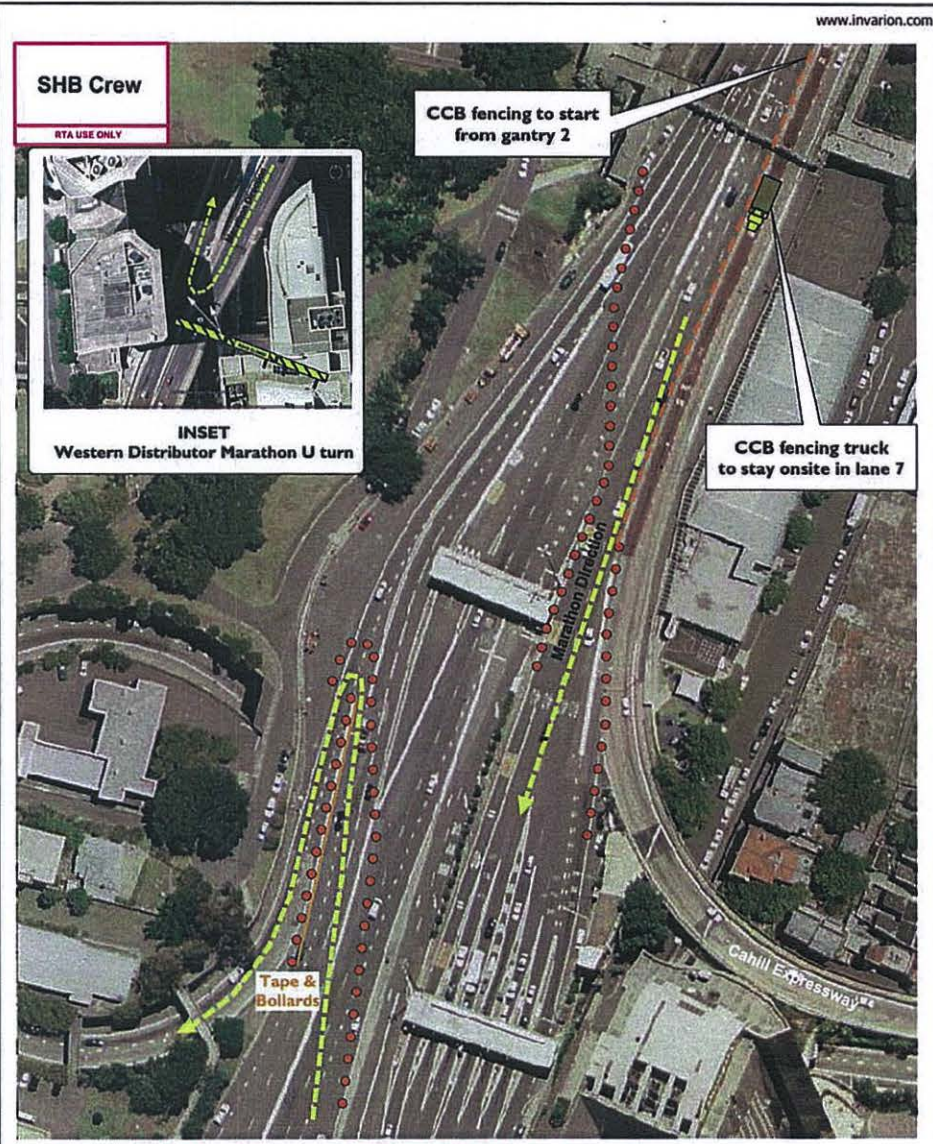
Remove this TCP when TCP 14B (Shakespeare Place U-turn) has been removed at approx. 12midday.

TCP No.: 84B		Half Road Closure Sir John Young Crescent, Woolloomooloo			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC / RMS		Supply & setup barricades & signs	Remove TCP at approx. 12midday	1100	Date Updated: 28.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

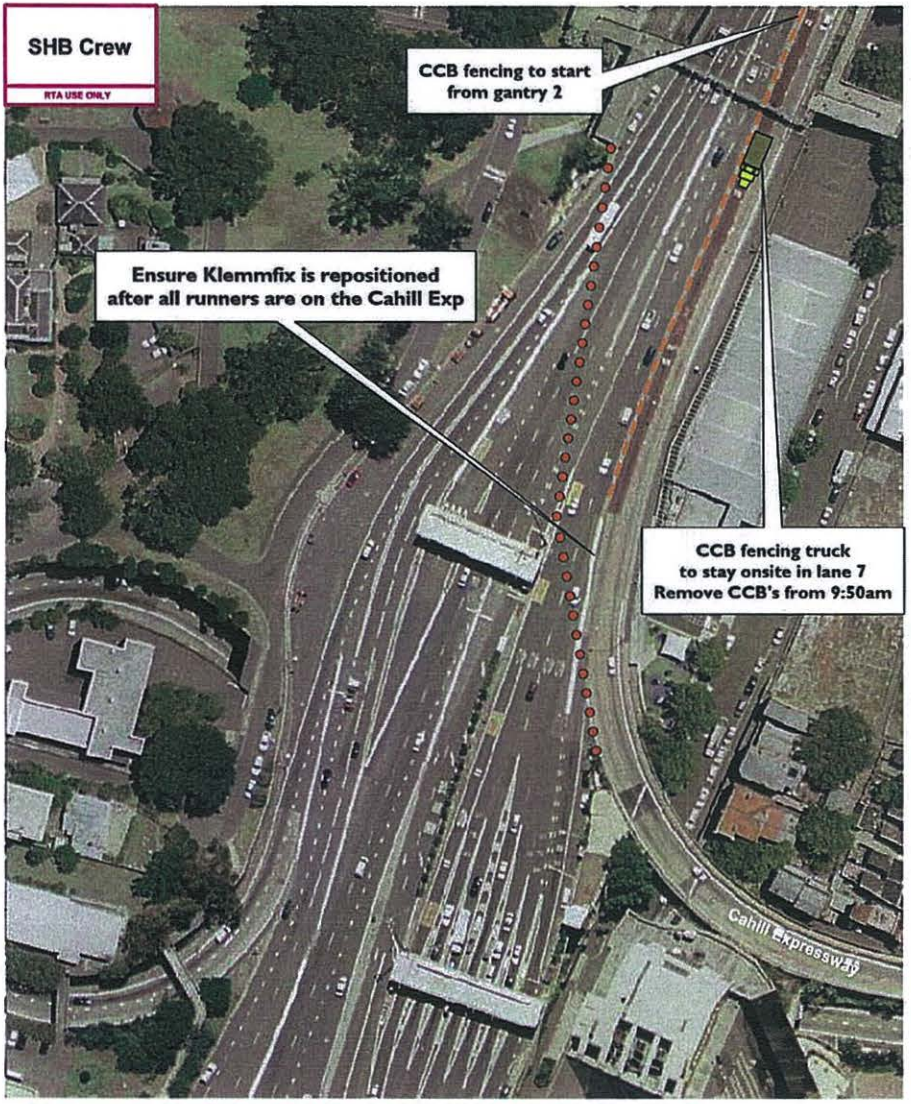




TCP No.: 85		Lane Closure on Elizabeth St southern side of Campbell St, Surry Hills			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC / RMS		Supply & setup barricades & signs		0400	Date Updated: 28.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

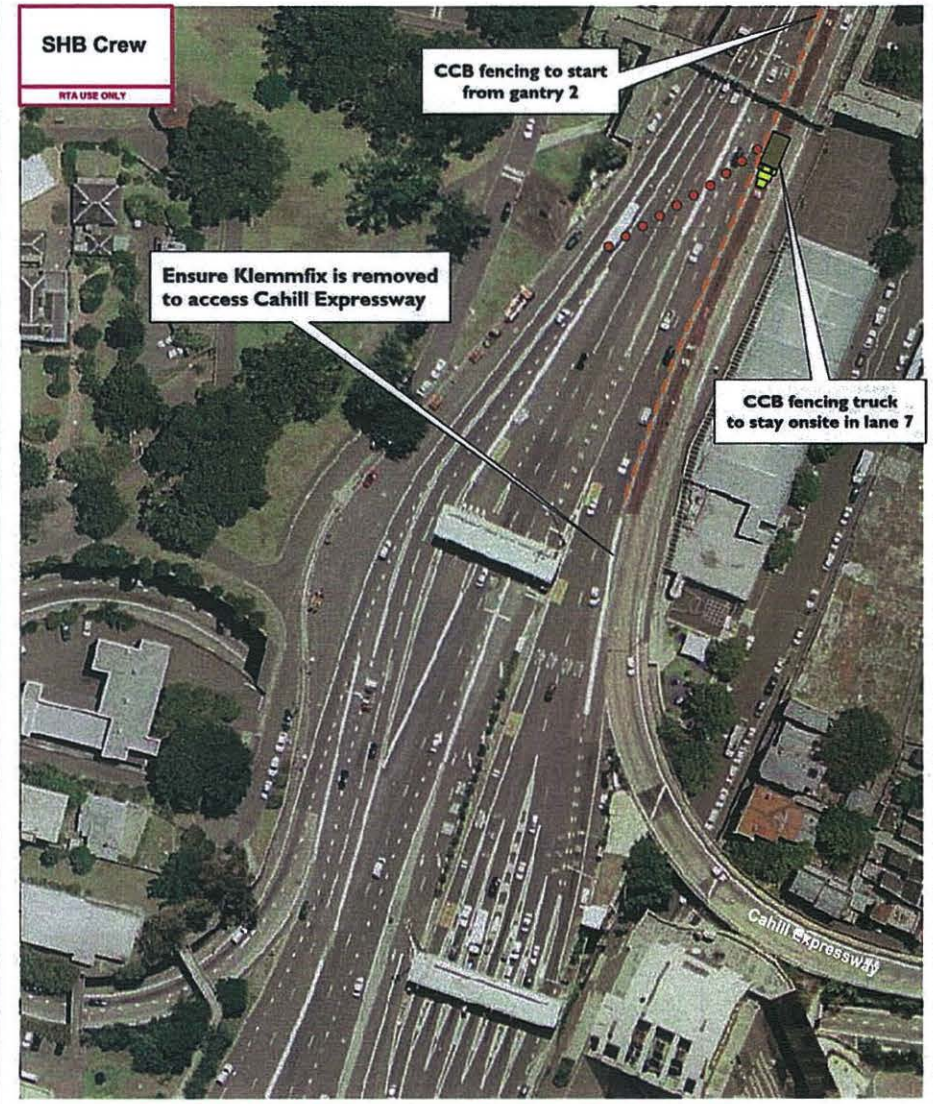


TCP No.: E170A		Arrange traffic cones to direct Marathon down the Western Distributor to u turn back and enter the Cahill Donut, SHB South			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		Closed by 0600	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



Implement for Family Fun Run (after last runner of Marathon has passed)

TCP No.: E170B		Arrange traffic cones to funnel runners down the Cahill Expressway, SHB South Tolls				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0800	Date Updated:	29.06.12
POLICE					Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale

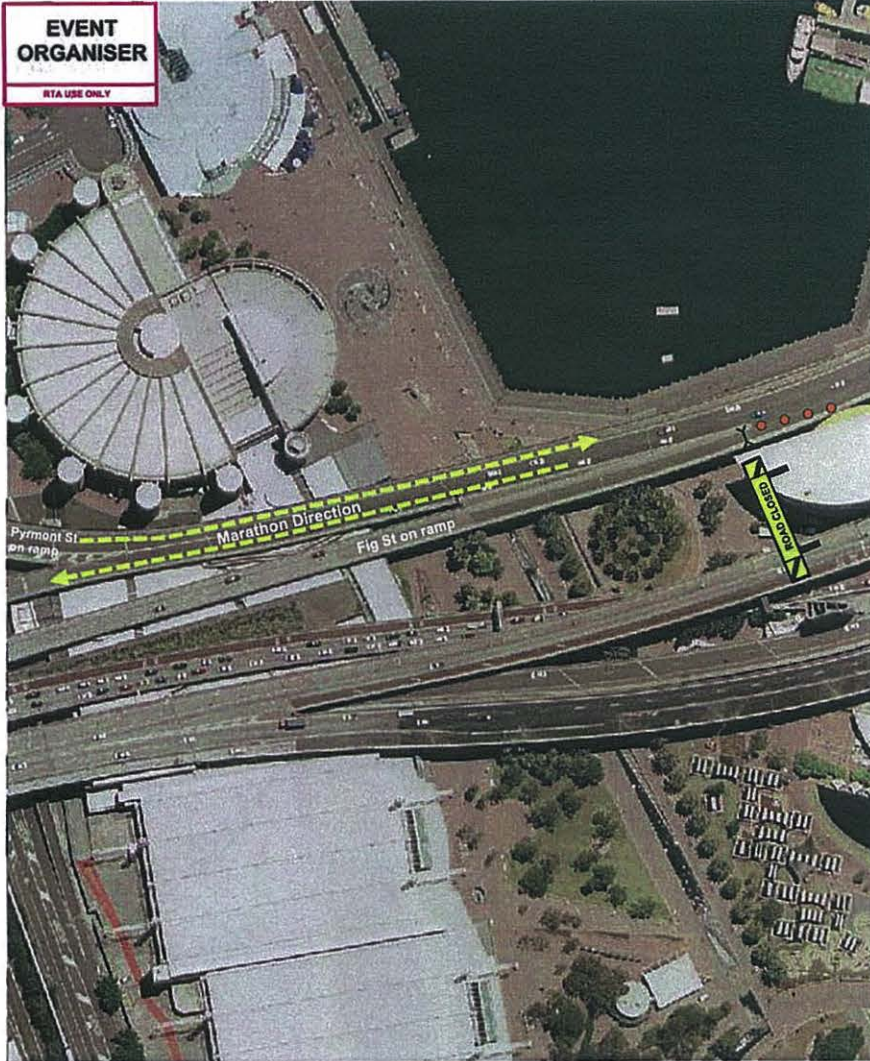


Implement for Bridge Run (after last runner of Family Fun Run has passed)

TCP No.: E170C		Arrange traffic cones to funnel runners down the Cahill Expressway, SHB South Tolls				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0900	Date Updated:	29.06.12
POLICE					Drawn:	Major Events
TRAFFIC MARSHALS		Ensure runners stay within course			Scale:	Not to Scale

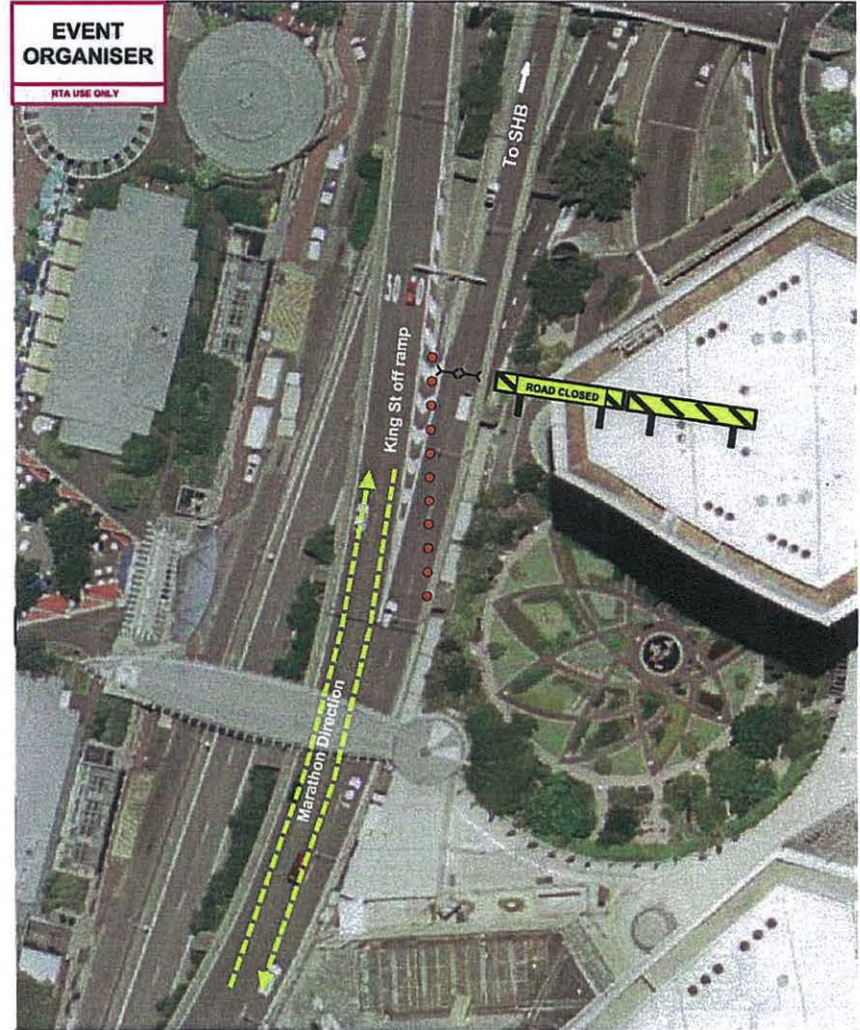


EVENT ORGANISER
RTA USE ONLY



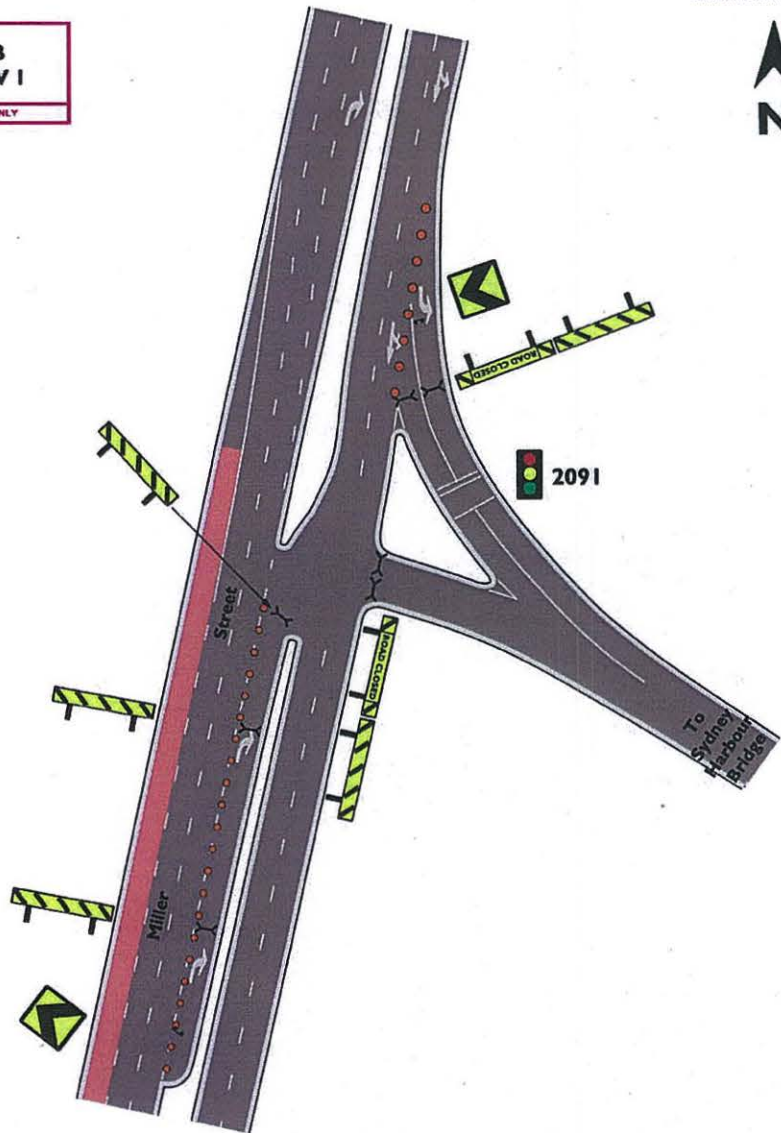
TCP No.: E171		Closure on Western Distributor at Pyrmont St & Fig St to force runners down the Pyrmont St on ramp, Darling Harbour				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		By 0600	Date Updated: 29.06.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

EVENT ORGANISER
RTA USE ONLY



TCP No.: E172		Arrange traffic cones to direct runners down to King St and prevent access to SHB, Western Distributor				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		By 0600	Date Updated: 29.06.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS		Ensure runners stay within course			Scale: Not to Scale	

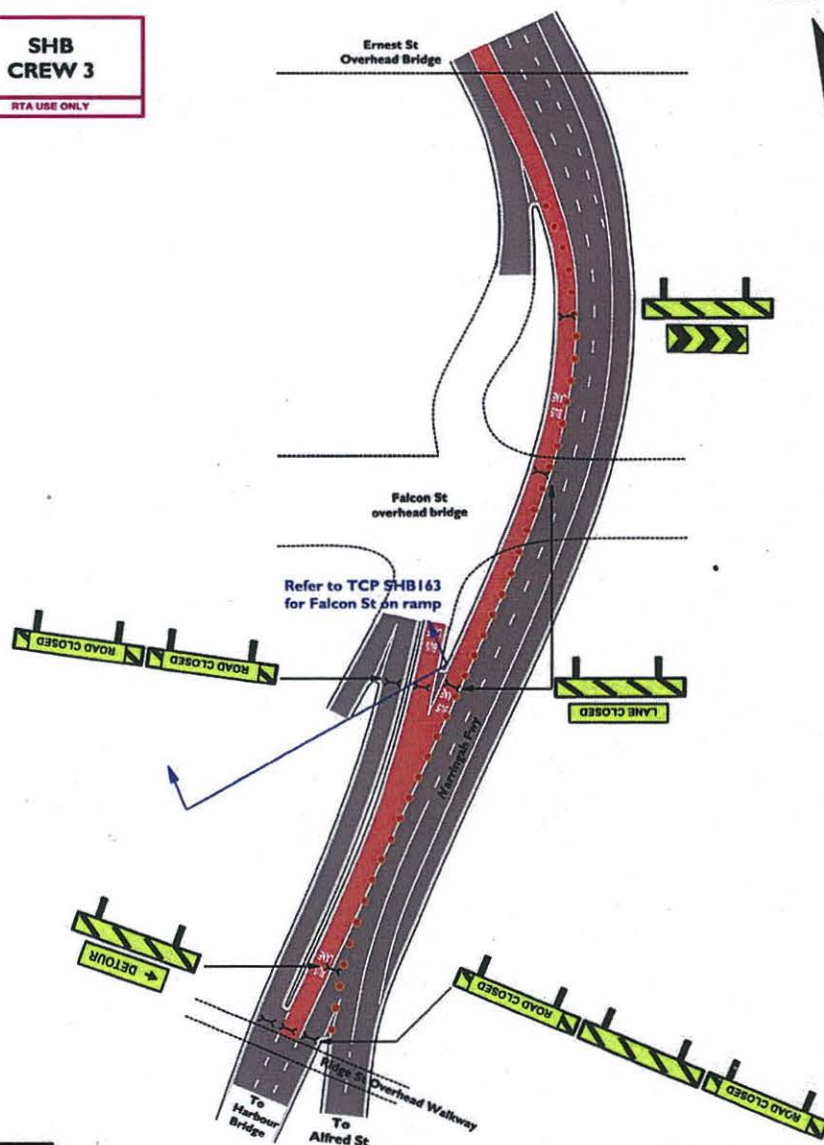
**SHB
CREW 1**
RTA USE ONLY



TCP No.: SHB150		On Ramp Closed to Sydney Harbour Bridge at Miller St, Cammeray			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

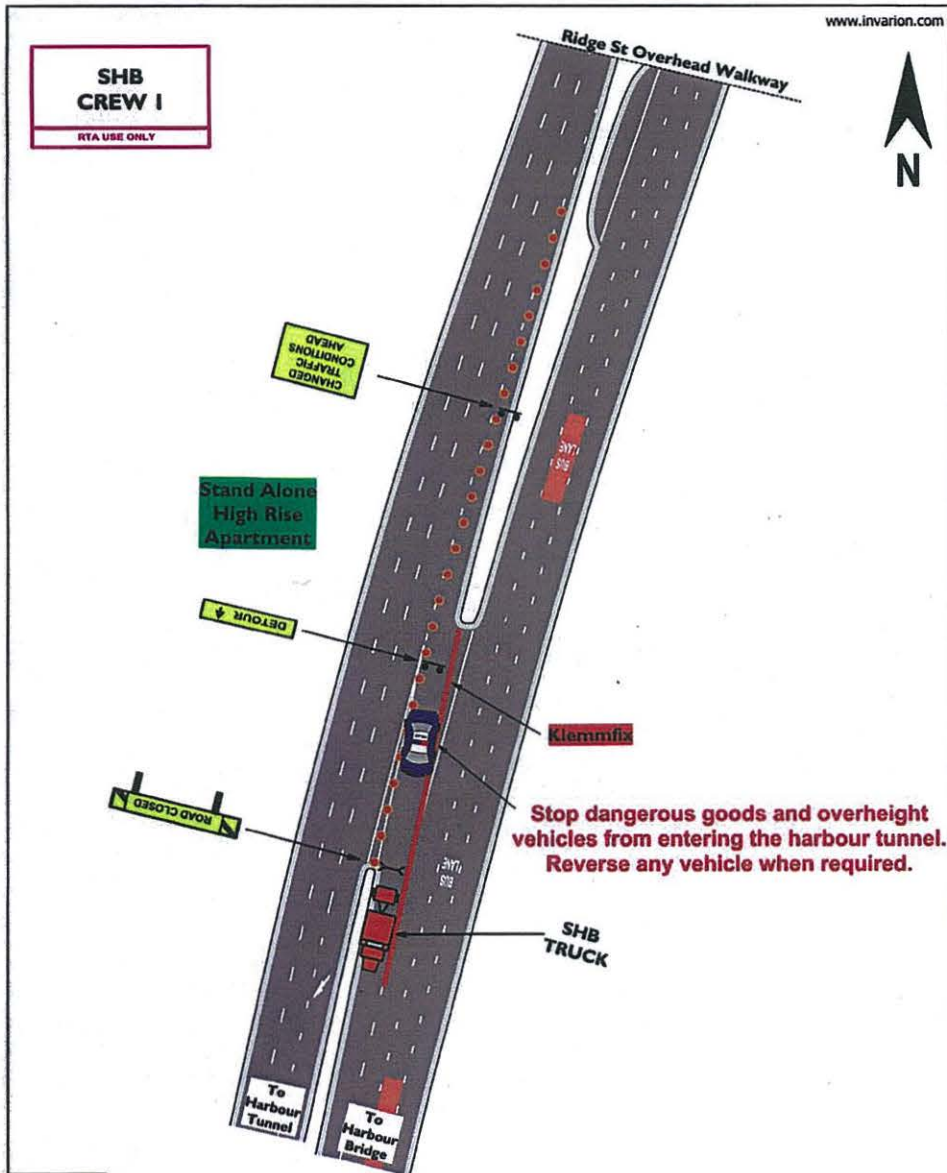


**SHB
CREW 3**
RTA USE ONLY



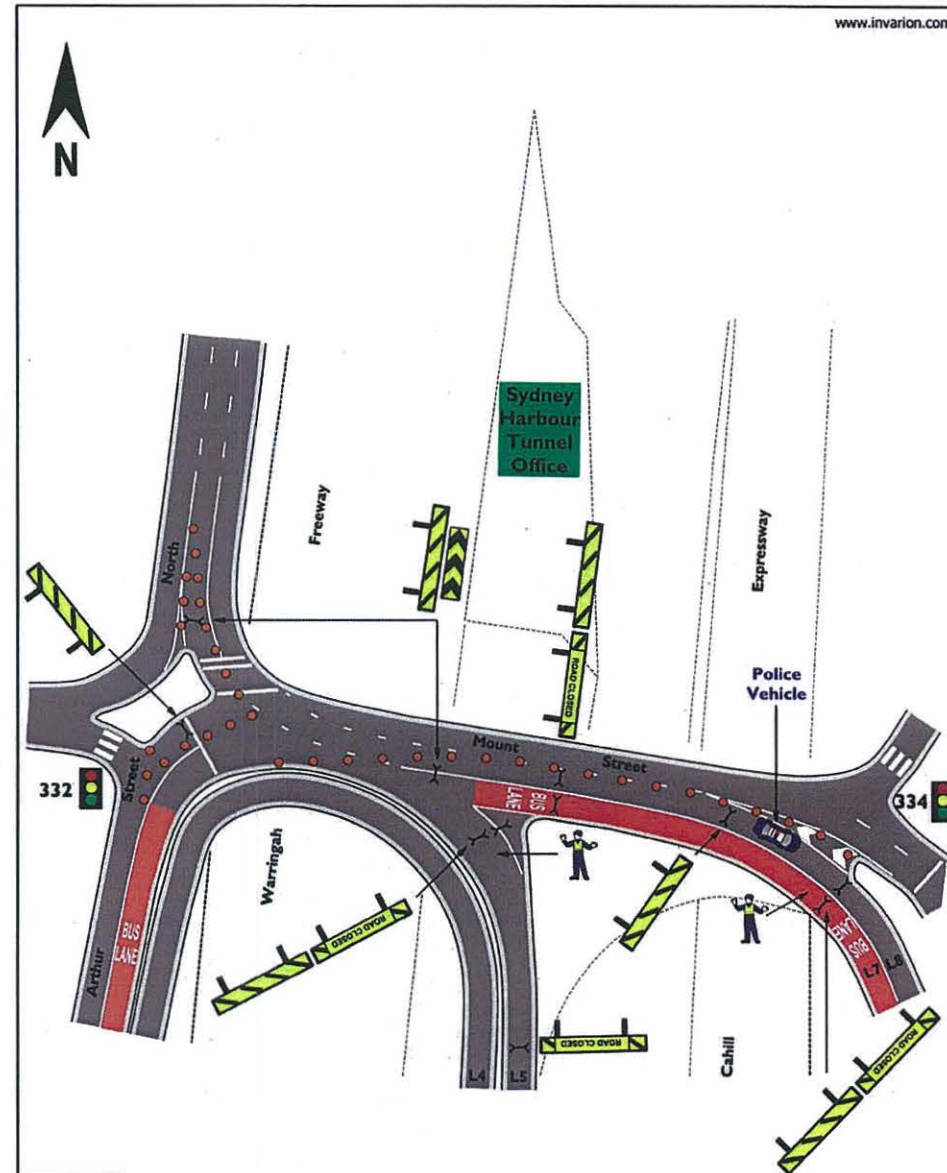
TCP No.: SHB151		Closure of Lane 7 & 8 of Warringah Freeway at Alfred St, Neutral Bay			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



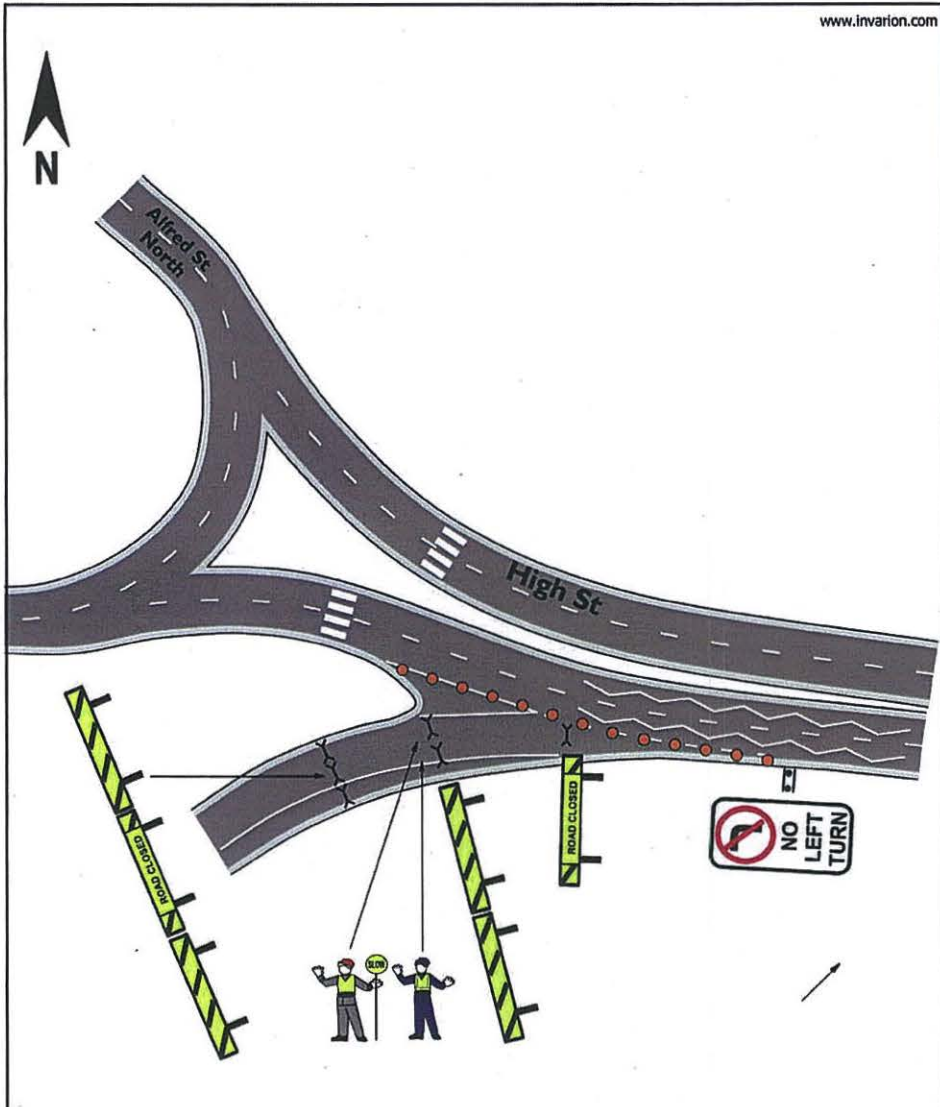


Stop dangerous goods and overheight vehicles from entering the harbour tunnel. Reverse any vehicle when required.

TCP No.: SHB152		Slip Lane Closure - Sydney Harbour Tunnel to Sydney Harbour Bridge, North Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Stop overheight vehicles entering harbour tunnel	Standby to respond to incidents in tunnel	0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale

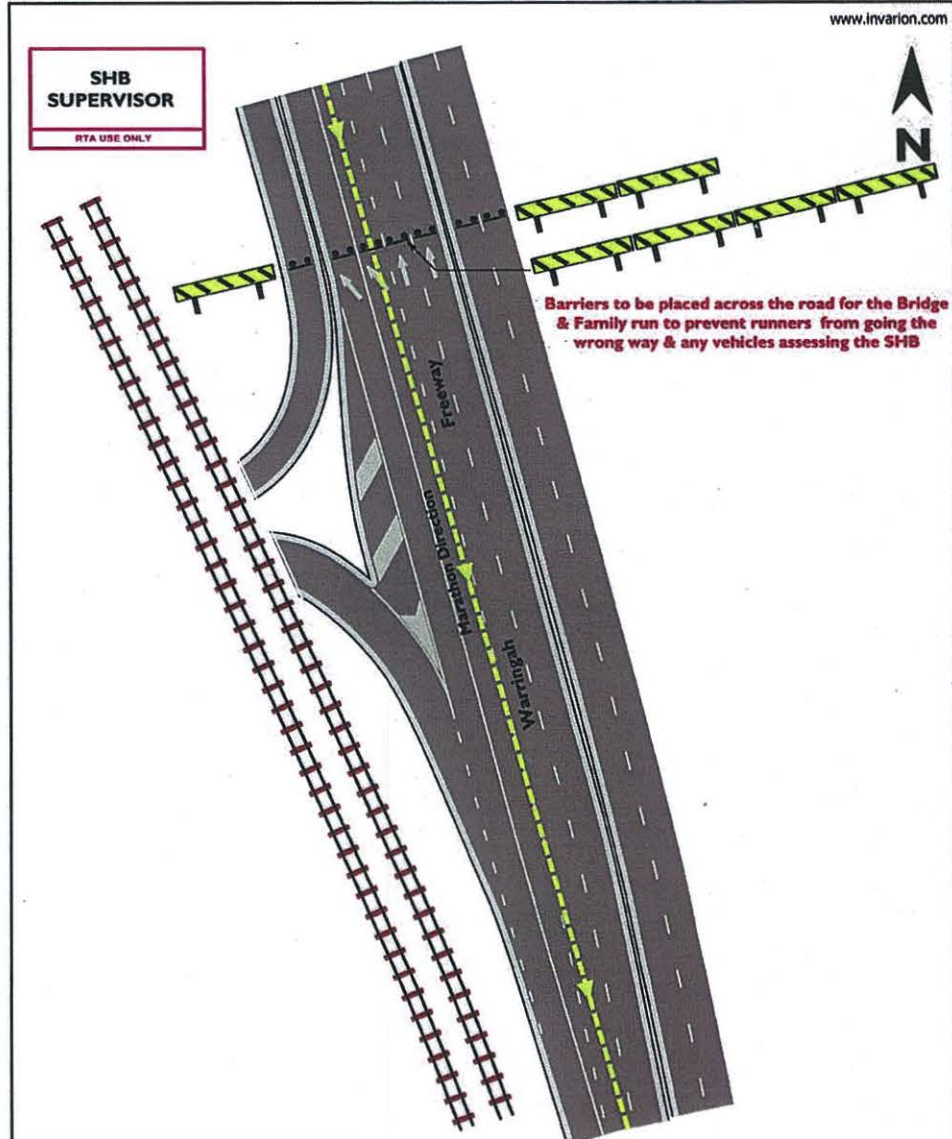


TCP No.: SHB153		Full Closure of SHB On Ramps to Lane 5, 7 (Bus Lane) & 8 at Mount St, North Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	2	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale



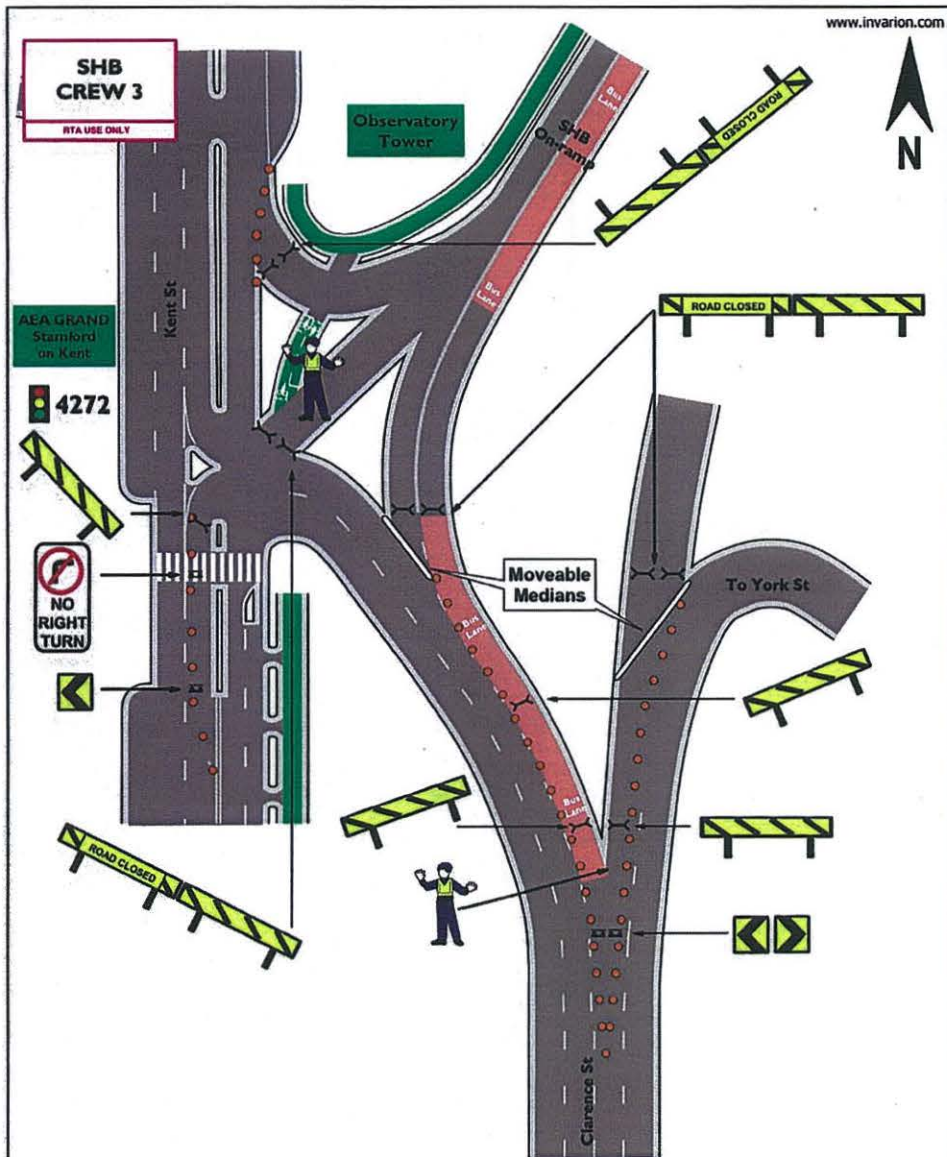
Manage Clothing Truck Access as per schedule

TCP No.: SHB154		Full Closure of SHB On ramp at High St, North Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure	Maintain closure	0400	Drawn:	Major Events
TRAFFIC MARSHALS	1	Allow access for clothing trucks		0400	Scale:	Not to Scale

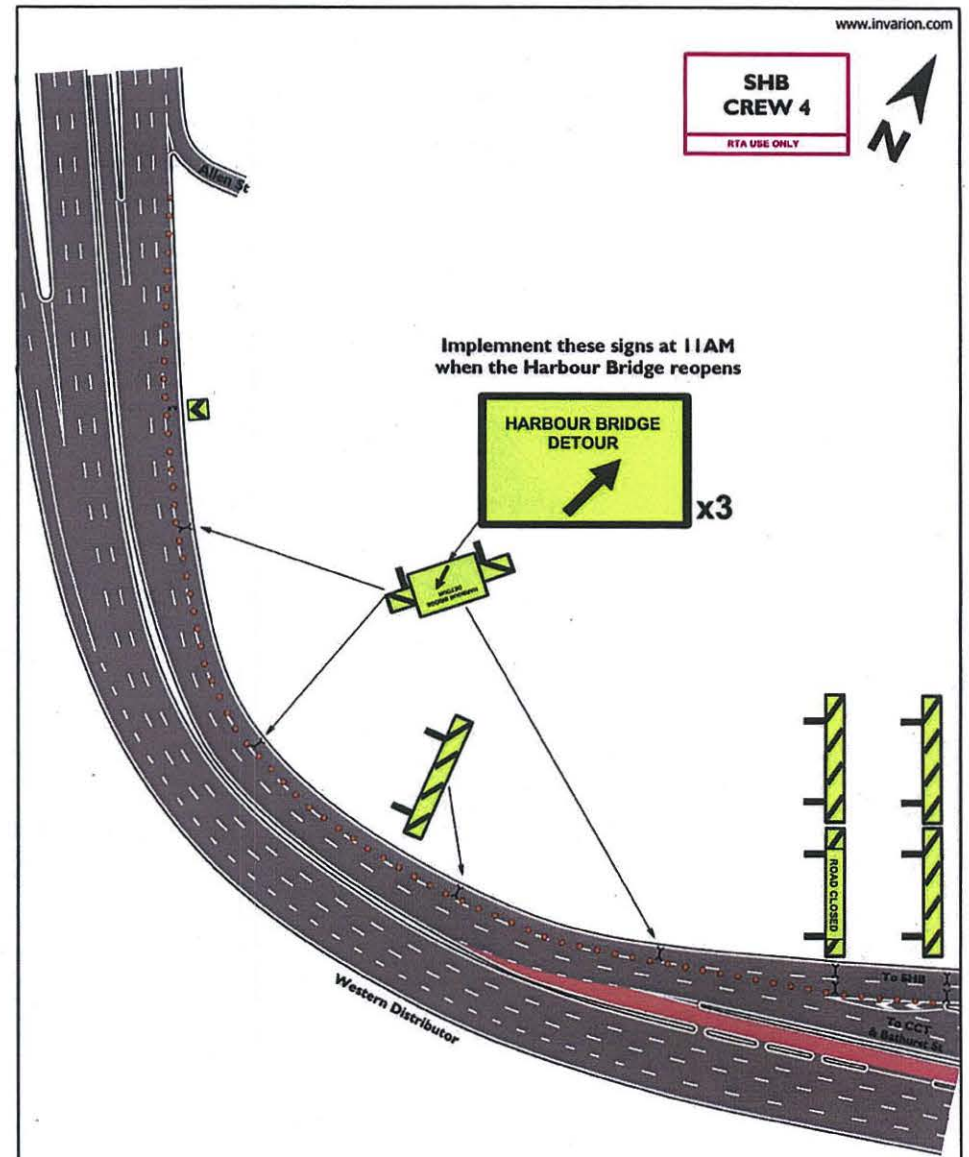


Implement after the last Marathon runner has passed

TCP No.: SHB155		Warringah Freeway at Lavender St, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE					Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale

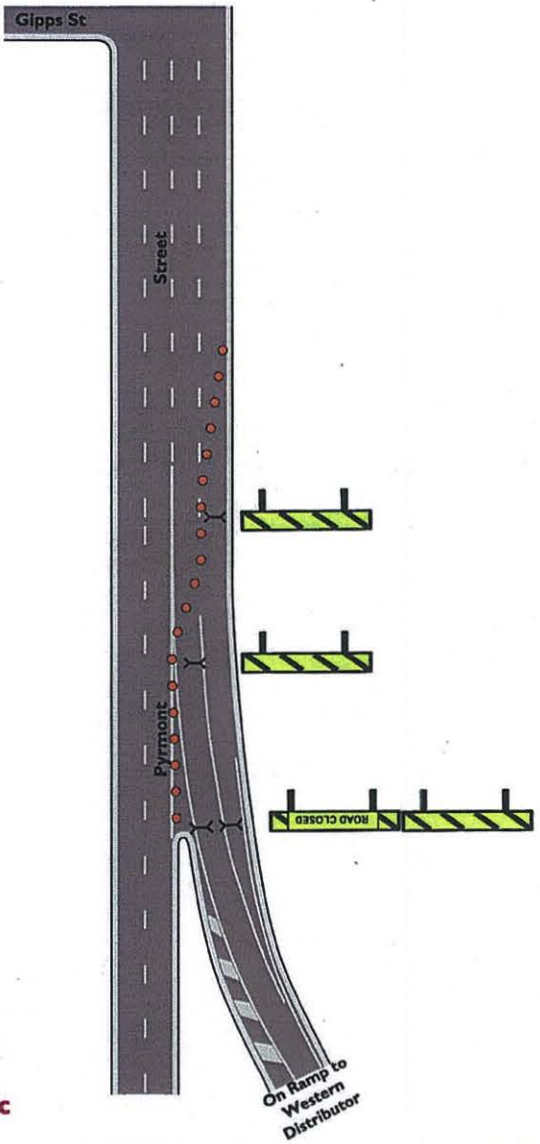


TCP No.: SHB156		Full Road Closure SHB Kent/Clarence St on ramp			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE	2	Maintain closure	Maintain closure	0400	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



TCP No.: SHB157		Closure of main approach to SHB from Anzac Bridge diverting traffic onto CCT/Bathurst St off ramp, Pyrmont			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

**RTA
Cosgrove
Crew**
RTA USE ONLY

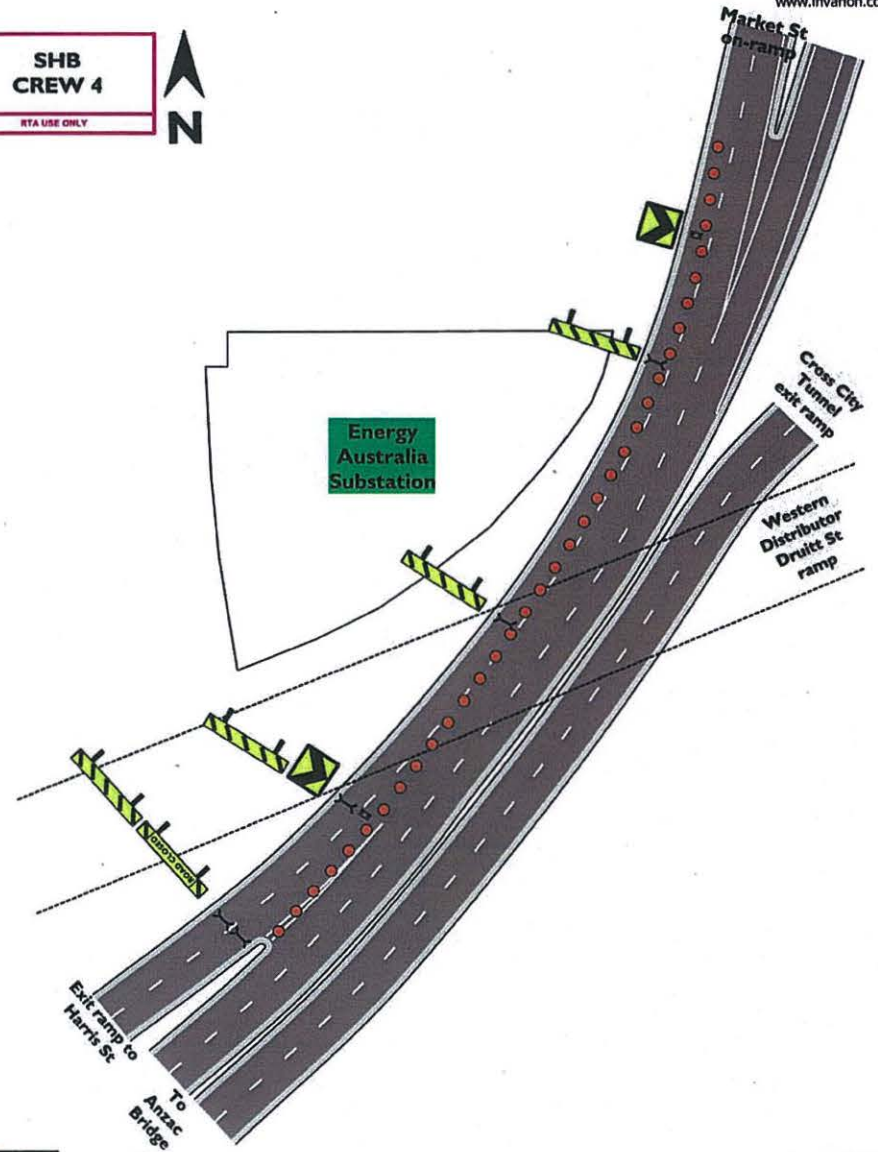


**REMOVE by 5:30am
once Pymont St is
fully closed to all traffic**

TCP No.: SHB159		Full Closure of Pymont St on ramp to Western Distributor, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



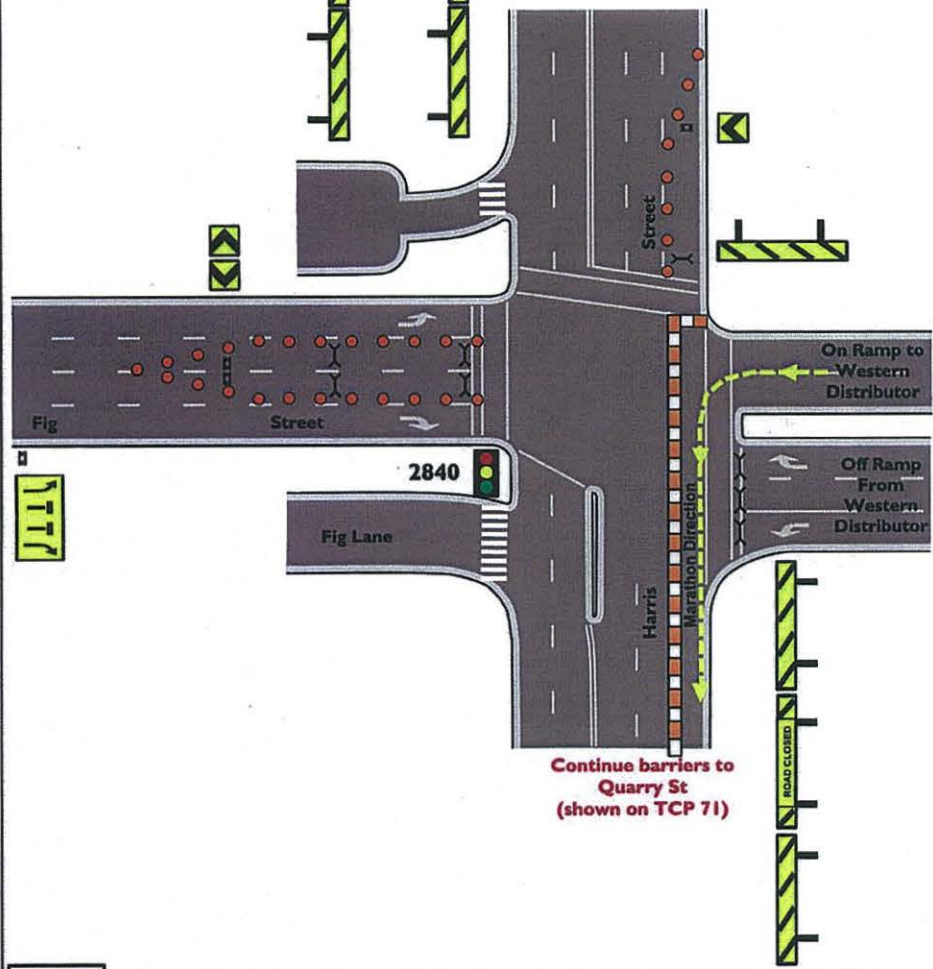
**SHB
CREW 4**
RTA USE ONLY



TCP No.: SHB159		Full closure of Harris St exit ramp at Western Distributor, Darling Harbour			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



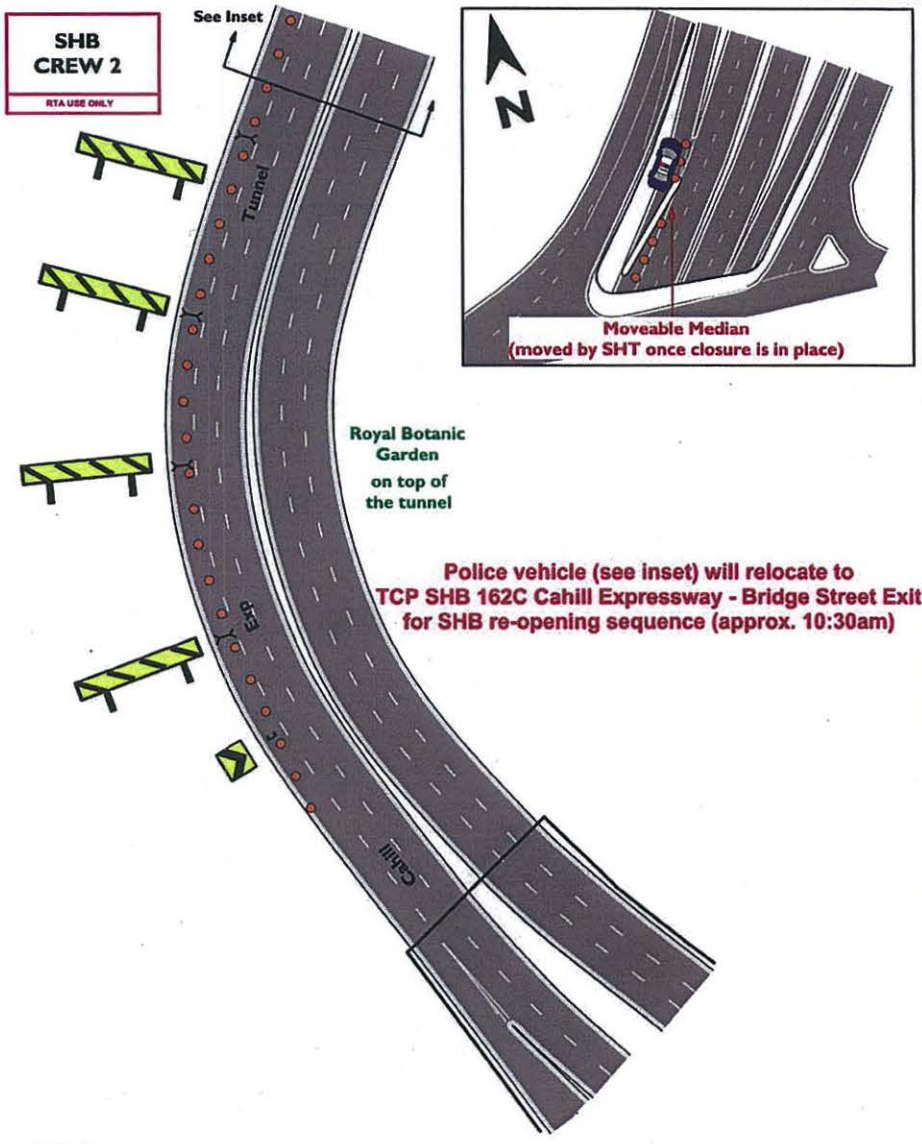
**RTA
Cosgrove
Crew**
RTA USE ONLY



TCP No.: SHB160		Full Road Closure Fig Street on ramp to Western Distributor, Pyrmont				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		SHB crew supply & setup traffic barricades & signs	Cosgrove crew to setup water filled barriers	0400	Date Updated:	29.06.12
POLICE					Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale



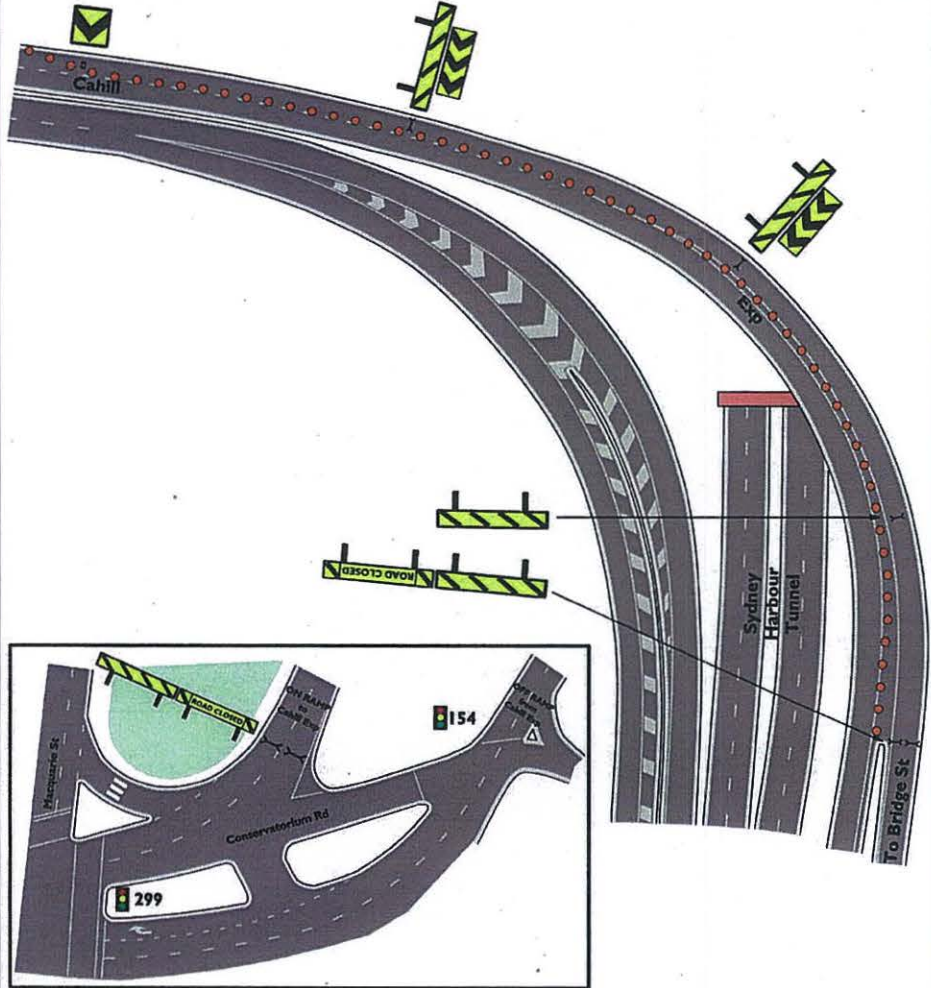
**SHB
CREW 2**
RTA USE ONLY



TCP No.: SHB161		Lane Closure Cahill Expressway Exit Ramp at SHT entry, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Park police vehicle inside closed lane		0400-approx. 1030	Drawn:	Major Events
SHT	2	Move median to block Cahill Exp to ramp	Set VMS for Cahill Exp Closure	0400	Scale:	Not to Scale



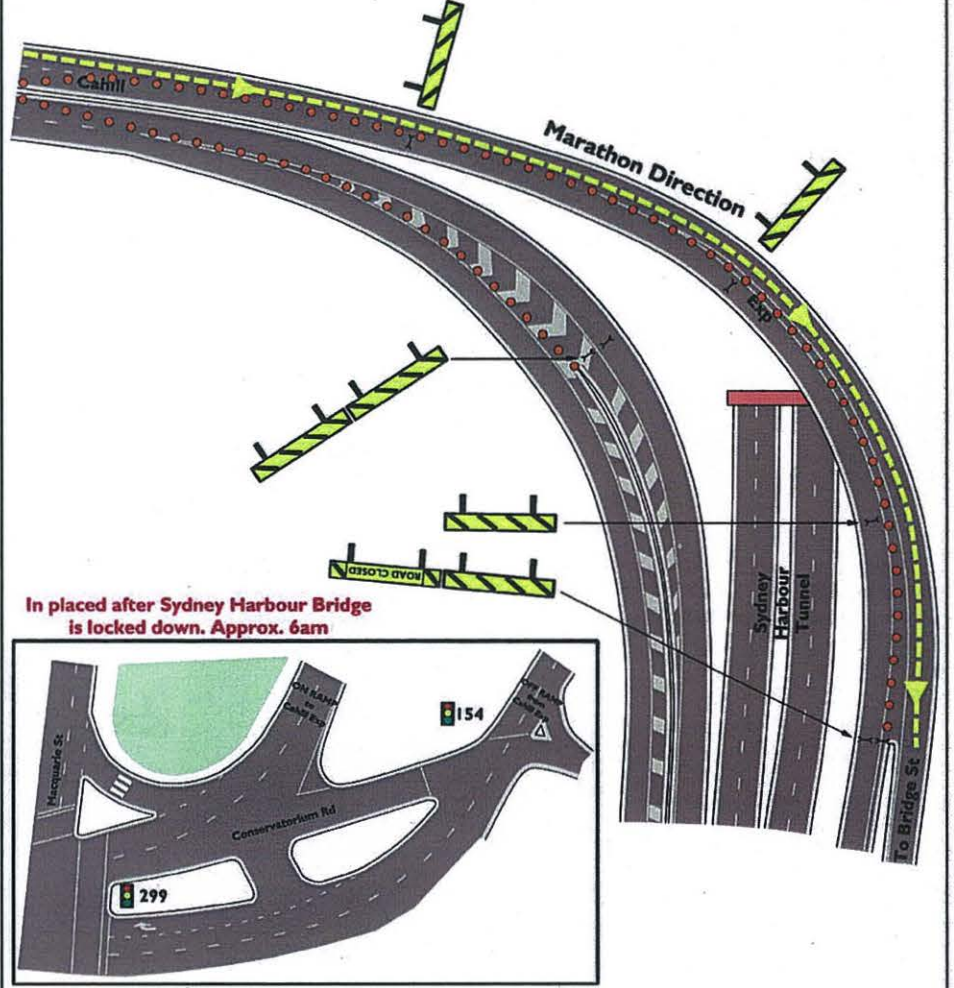
**SHB
CREW 2**
RTA USE ONLY



TCP No.: SHB162A		Closure of off ramp from Cahill Expressway to Conservatorium Rd, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



**SHB
CREW 2**
RTA USE ONLY

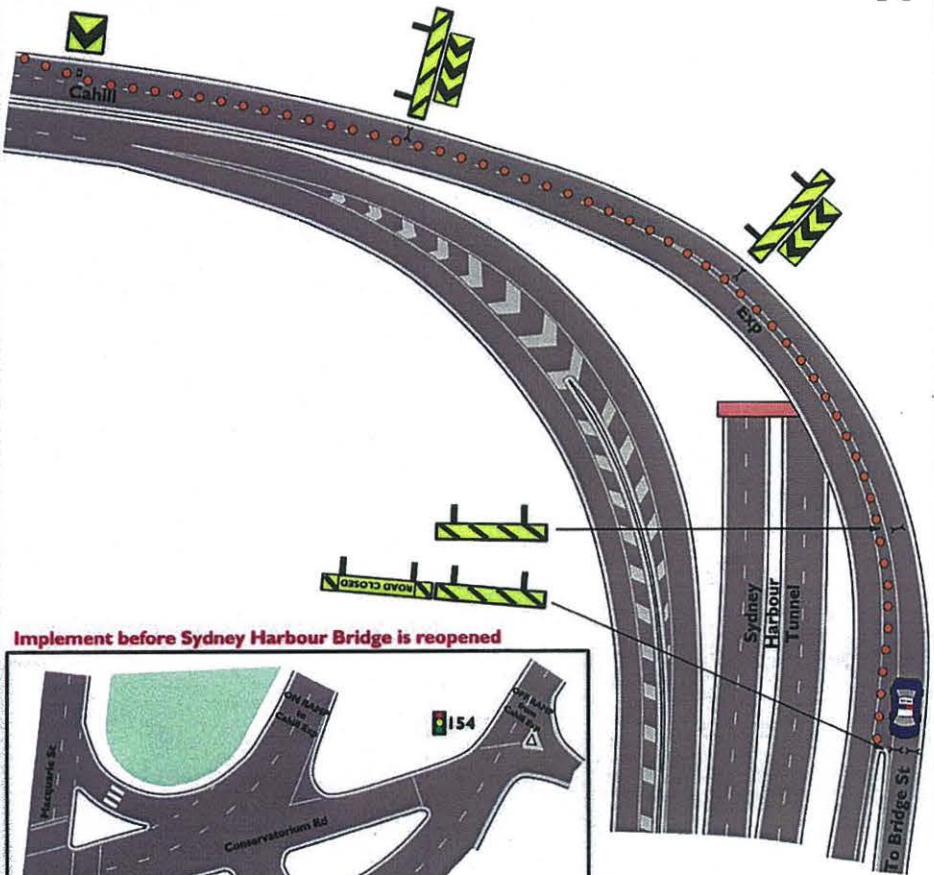


In placed after Sydney Harbour Bridge is locked down. Approx. 6am

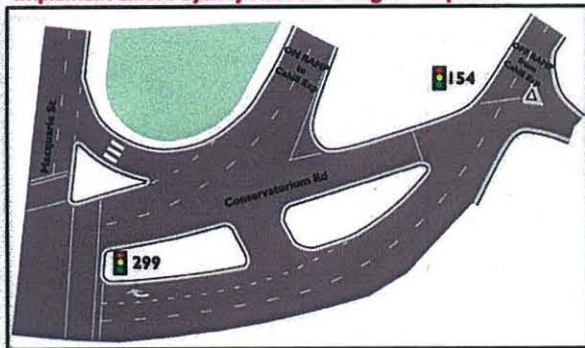
TCP No.: SHB162B		Closure of off ramp from Cahill Expressway to Conservatorium Rd, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		Approx 0600	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



SHB
Implement: CREW 4
Remove: CREW 2
RTA USE ONLY

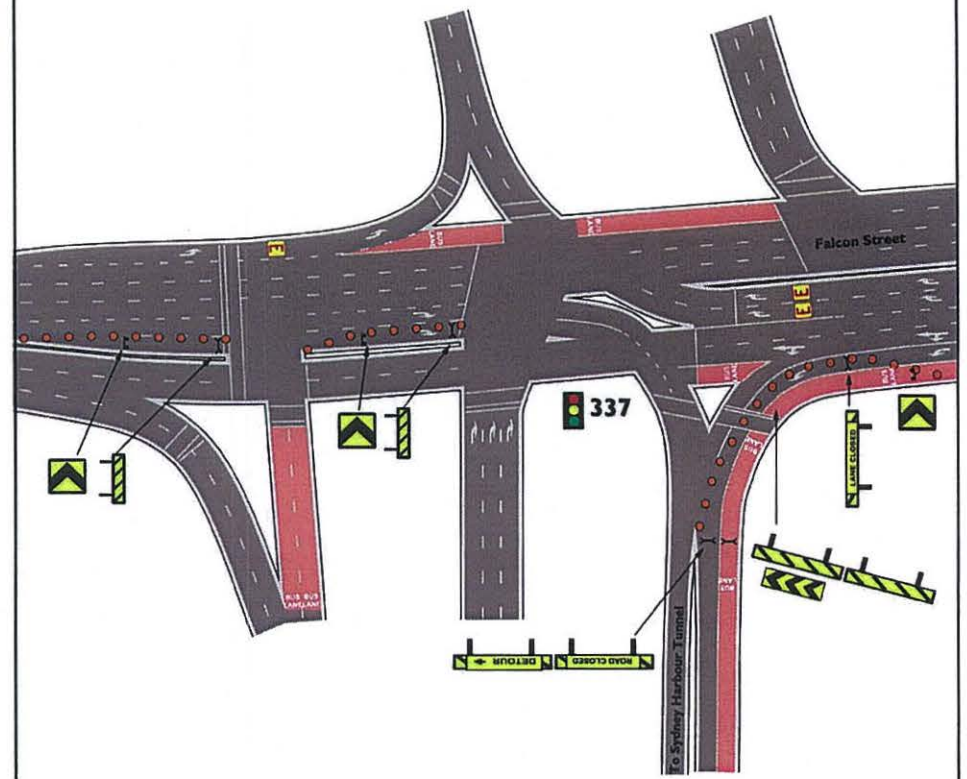


Implement before Sydney Harbour Bridge is reopened

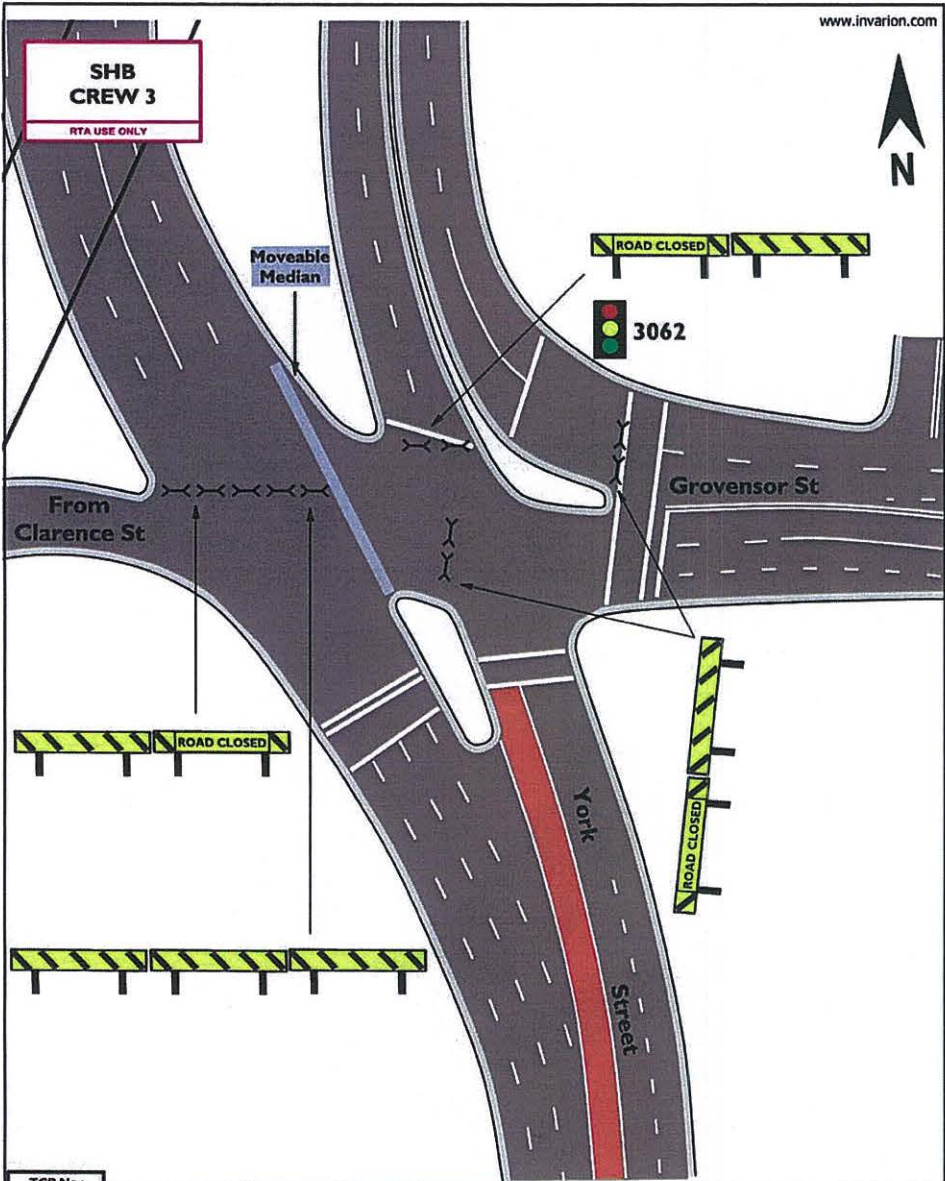


TCP No.: SHB162C		Closure of off ramp from Cahill Expressway to Conservatorium Rd, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		Approx 1030	Date Updated: 29.06.12	Transport Management Centre
POLICE	1	Standby during SHB re-opening		Approx 1030	Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

SHB
CREW 1
RTA USE ONLY



TCP No.: SHB163		Falcon St on ramp closure to Warringah Fwy, Southbound, North Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12	Transport Management Centre
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

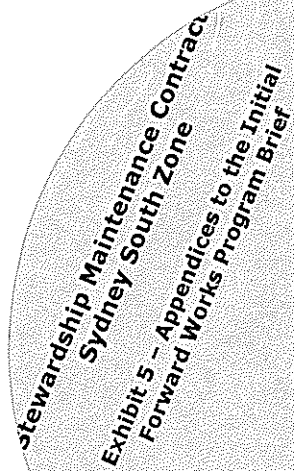


TCP No.: SHB164		Full Road Closure of SHB on ramp at Grovensor St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



EXHIBIT 5

Appendices to the Initial Forward Works Program Brief



Stewardship Maintenance Contract
Sydney South Zone
Exhibit 5 - Appendices to the Initial
Forward Works Program Brief