

Volume 3 of 3

# Stewardship Maintenance Contract Sydney West Zone

## Exhibits



GZS\BK\02-3001-1107

**EXHIBIT 1**

**Asset Definition Specification**

# **Stewardship Maintenance Contracts (SMCs) – Sydney West Zone**

## **Exhibit 1 – Asset Definition Specification**

9 October 2013

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# 1. Introduction

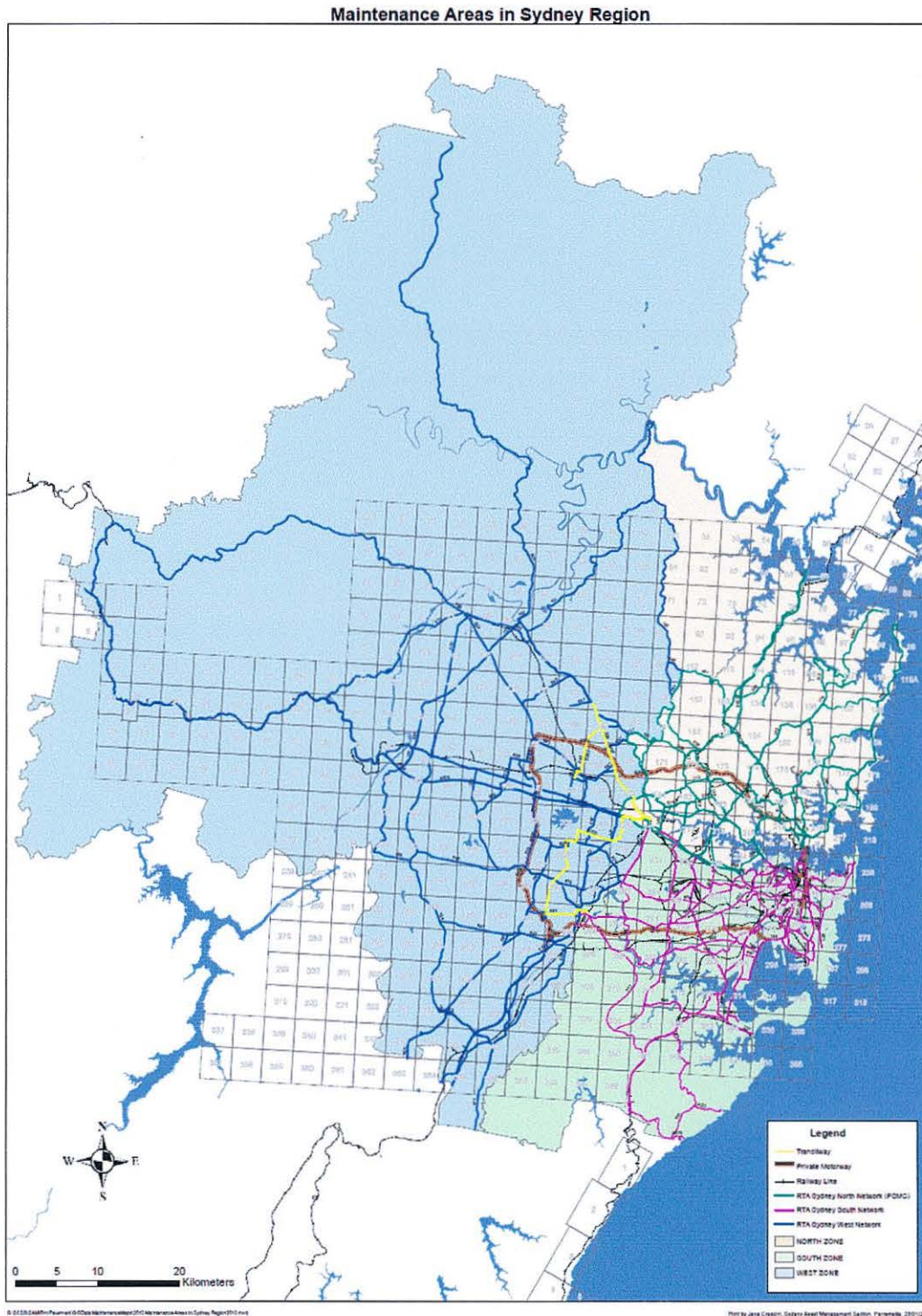
## 1.1 General

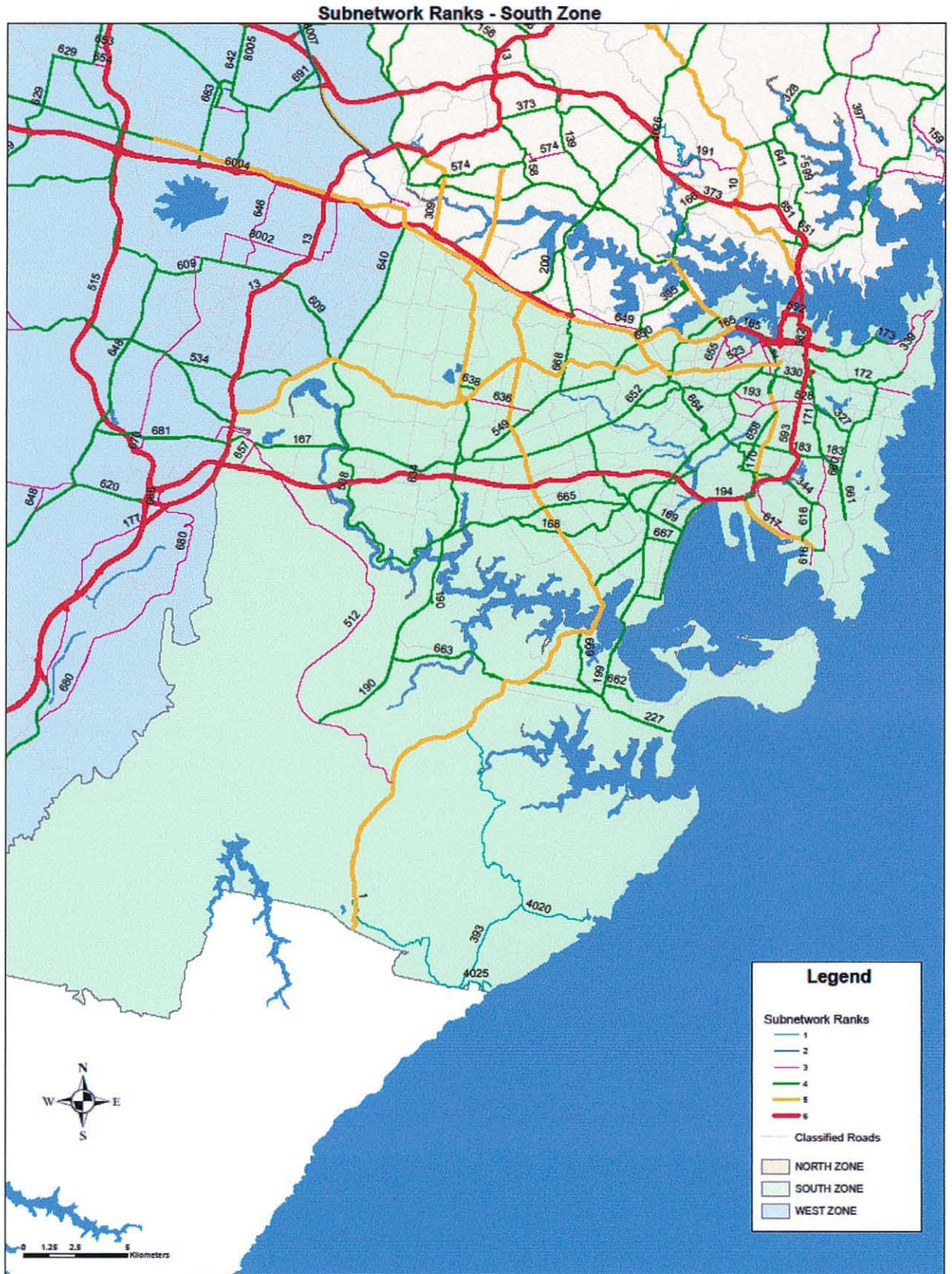
- 1.1.1 This Asset Definition Specification has been developed specifically for the Stewardship Maintenance Contract (SMC) – Sydney West Zone.
- 1.1.2 This Specification sets out the Assets for which the Service Provider will be responsible for managing. The Service Provider will manage the Assets accordingly 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

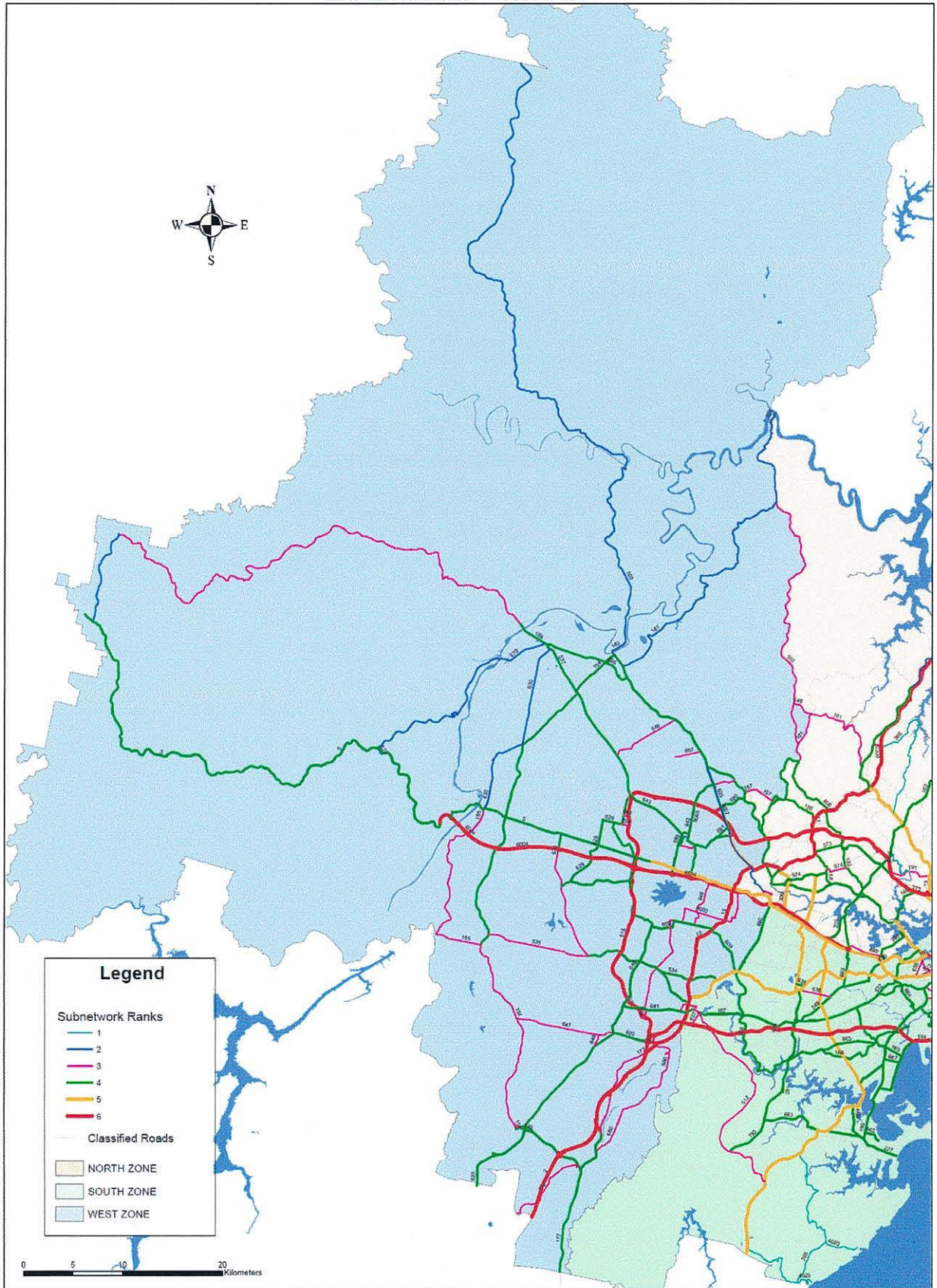
Zone boundary maps indicating the geographical limits of the SMC Maintenance Zones in Sydney South, Sydney West Zones and Sydney North are provided below:







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 20m<sup>2</sup> 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:

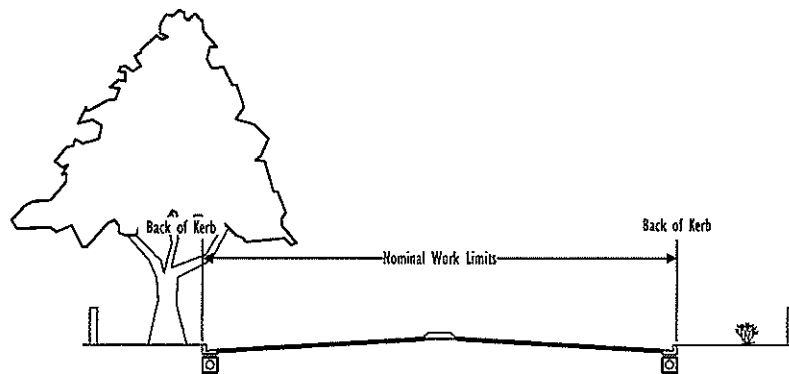
1. Vegetation within the road reserve refers to all tree, bush and ground vegetation, and will include areas within Operational Assets (e.g. Rest Areas and Roadside Toilets);
2. The areas within the NWL where vegetation must not encroach, are referred to as **Vegetation-Free Zones**. Vegetation-Free 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**

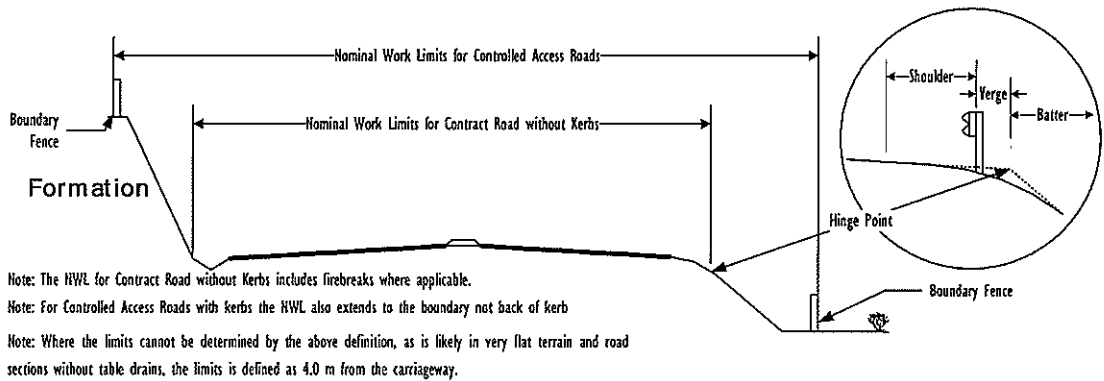
The diagrams contained in this section illustrate the Nominal Work Limits (NWL) on typical roads and intersections.

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.

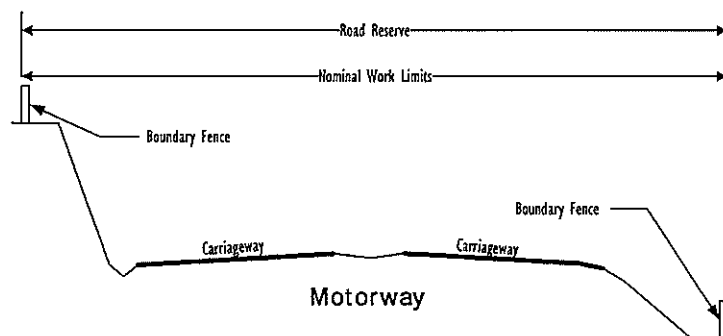
Any median, traffic islands, landscaping, kerbs, guide signs, regulatory signs, pavement markings and road furniture, falling within the NWL are included as part of the NWL unless indicated otherwise.



Nominal Work Limits (NWL) for Contract Road with Kerbs

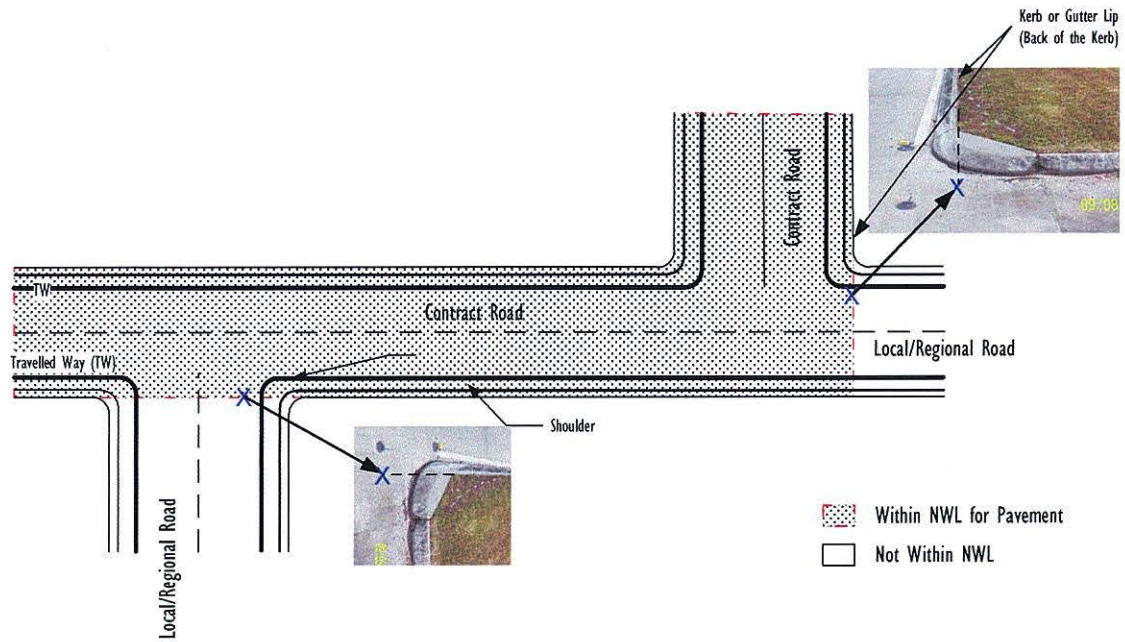


Nominal Work Limits (NWL) for Contract Road without Kerbs

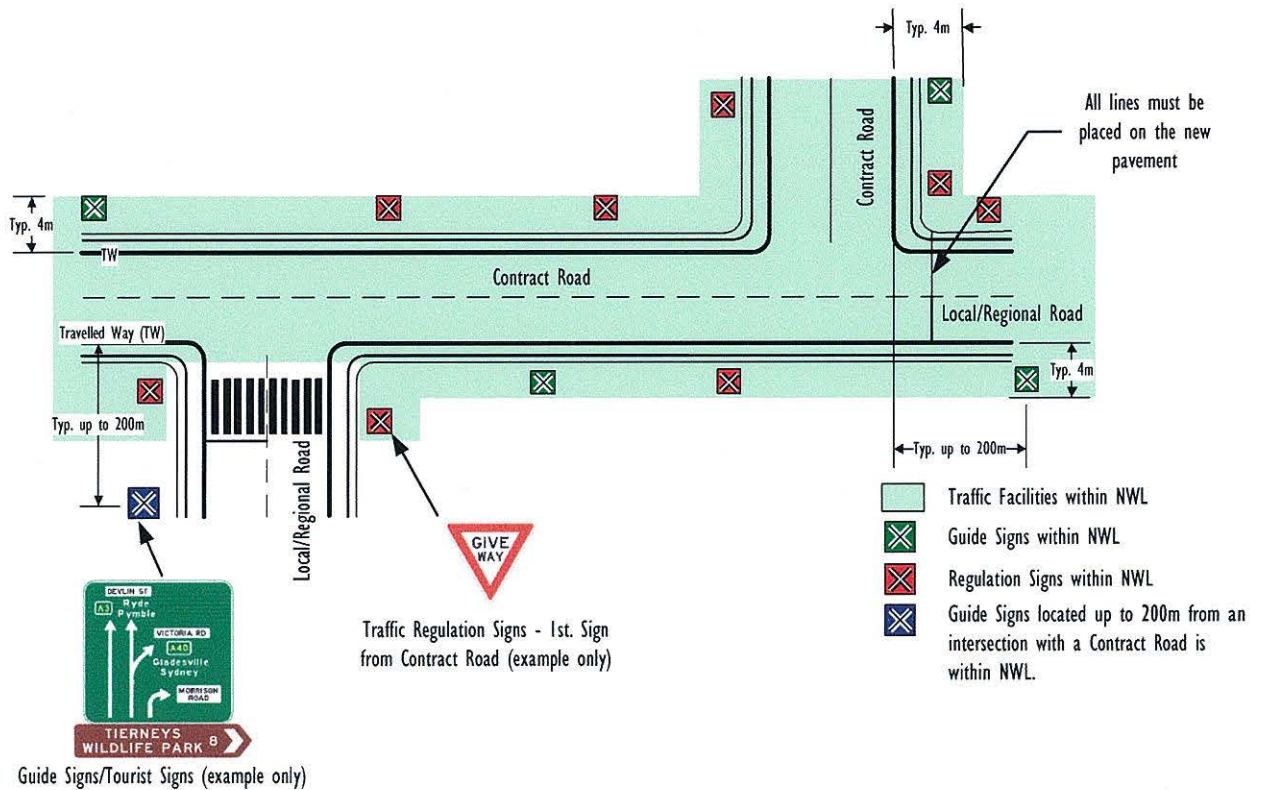


Motorway Nominal Work Limits

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



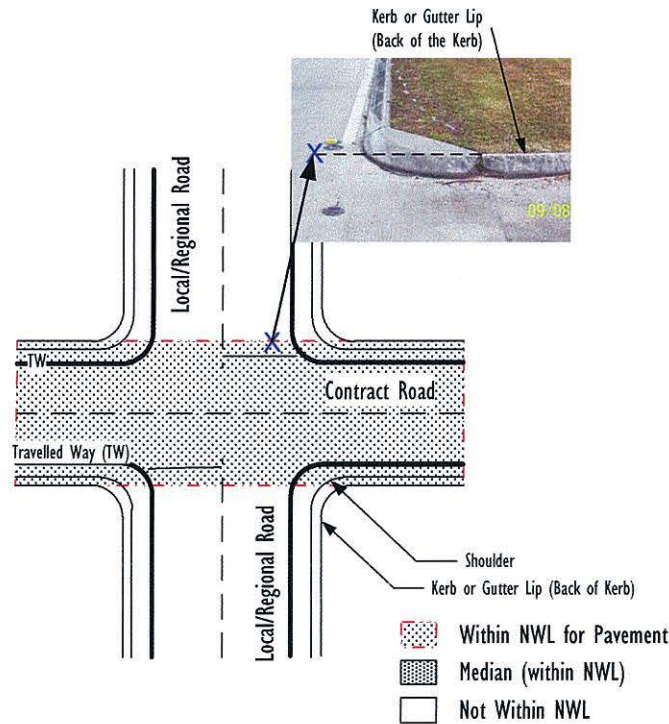
Pavement Nominal Work Limits (NWL) at minor non-signalised intersections



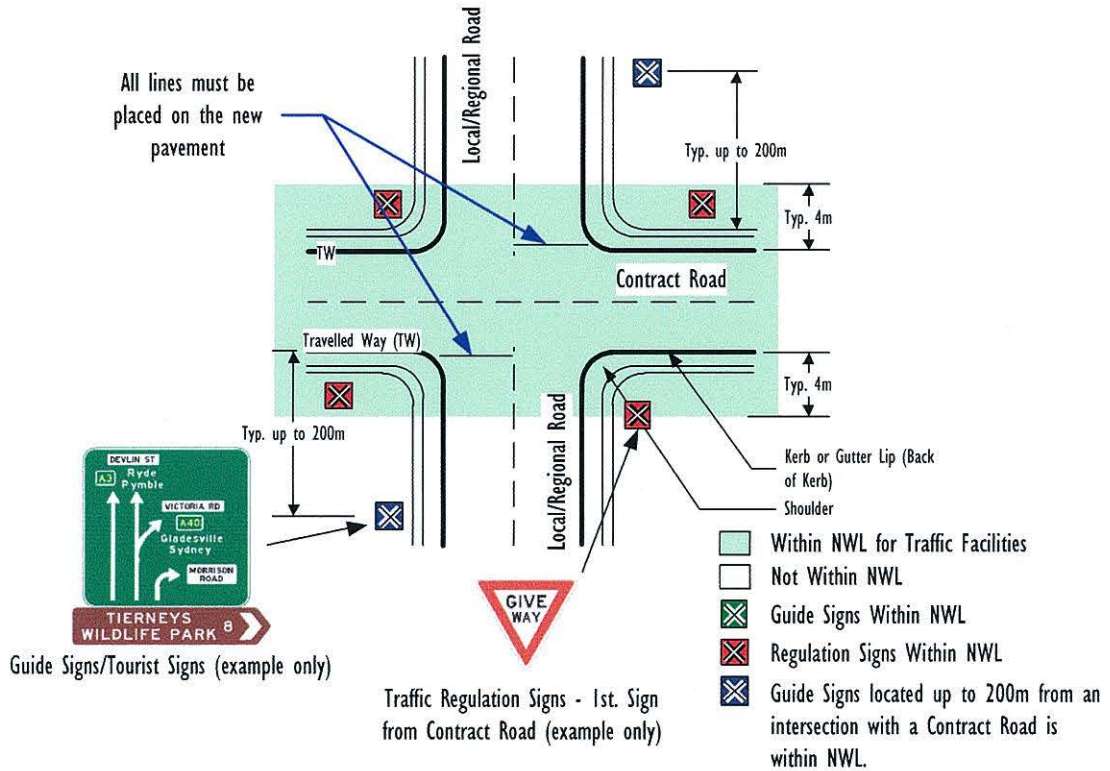
Traffic Facilities Zone of Responsibility at minor non-signalised intersection

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

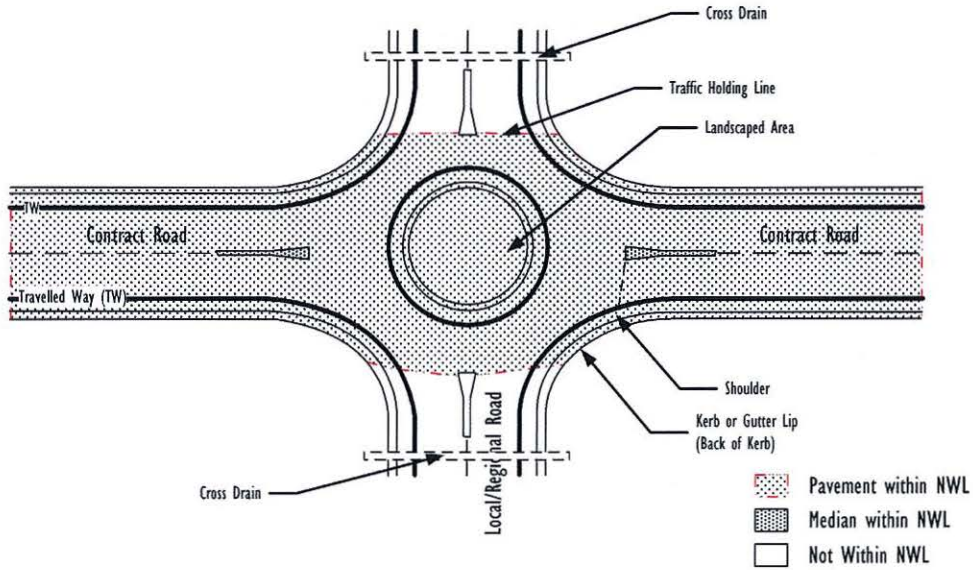




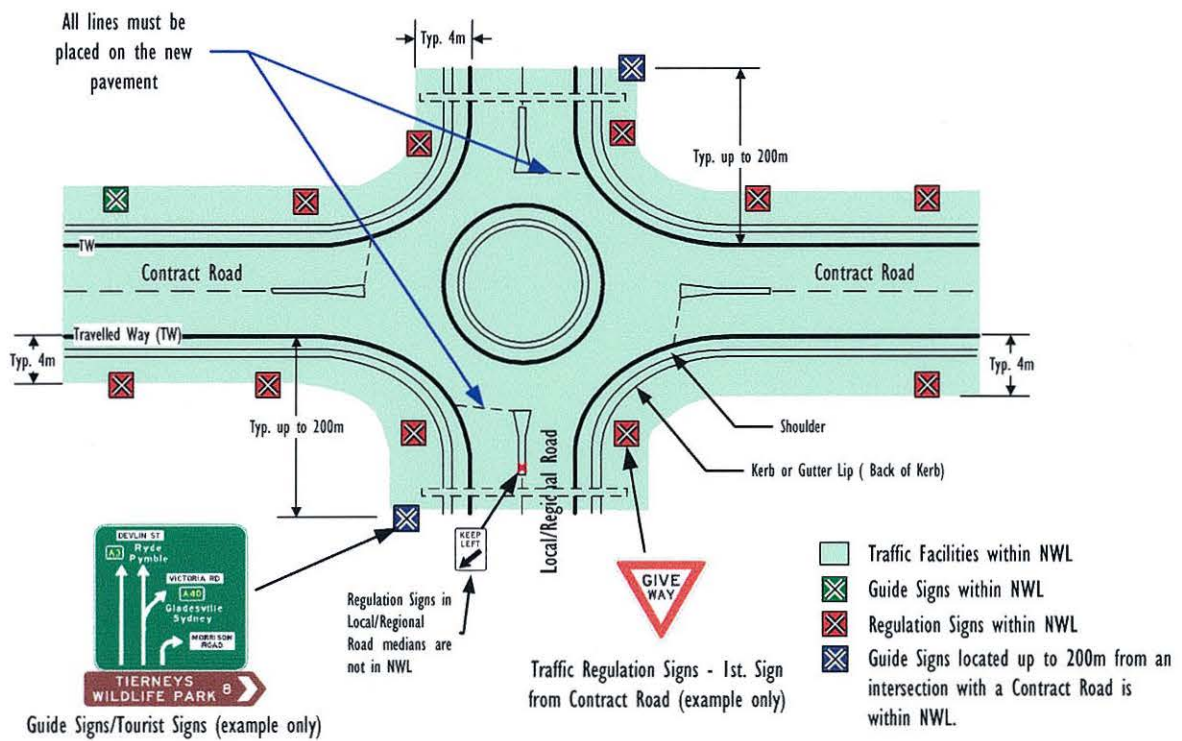
Pavement Nominal Work Limits (NWL) at minor non-signalised intersections



Traffic Facilities Zone of Responsibility at minor non-signalised intersection

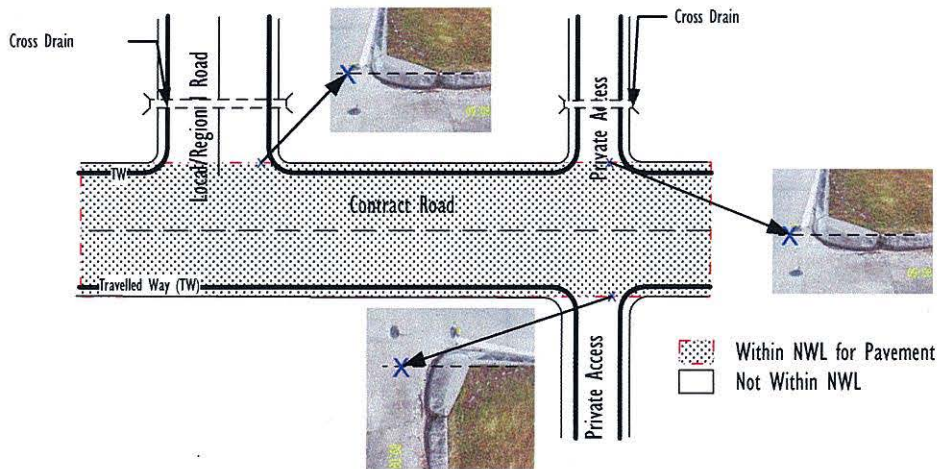


Pavement Nominal Work Limits (NWL) at Roundabouts

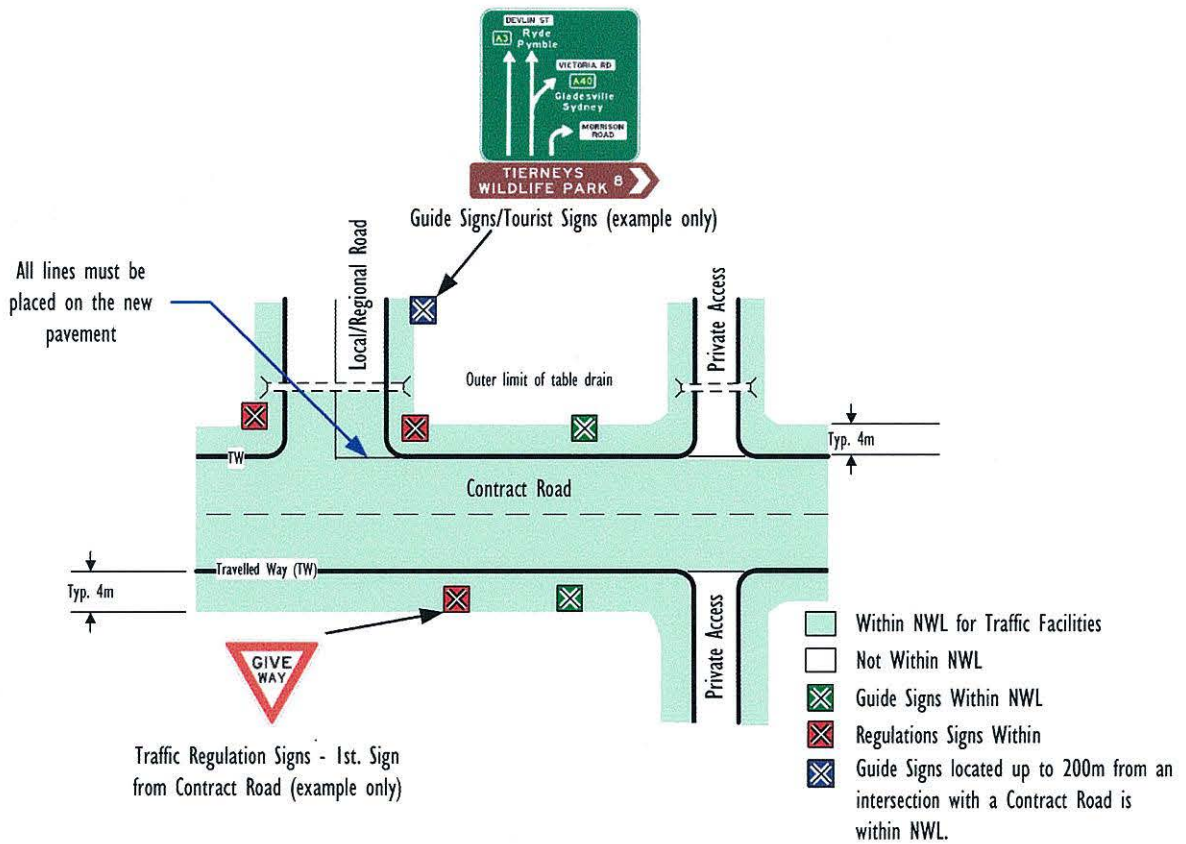


Traffic Facilities Zone of Responsibility at minor non-signalised intersection

Diagram 3 – Nominal Work Limits (NWL) at Roundabouts

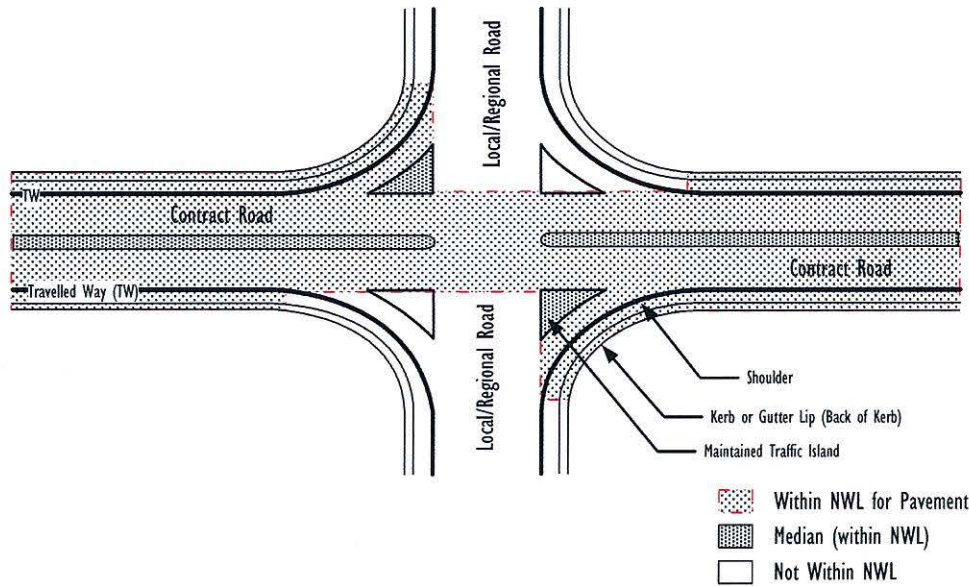


Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads and Private Access Roads

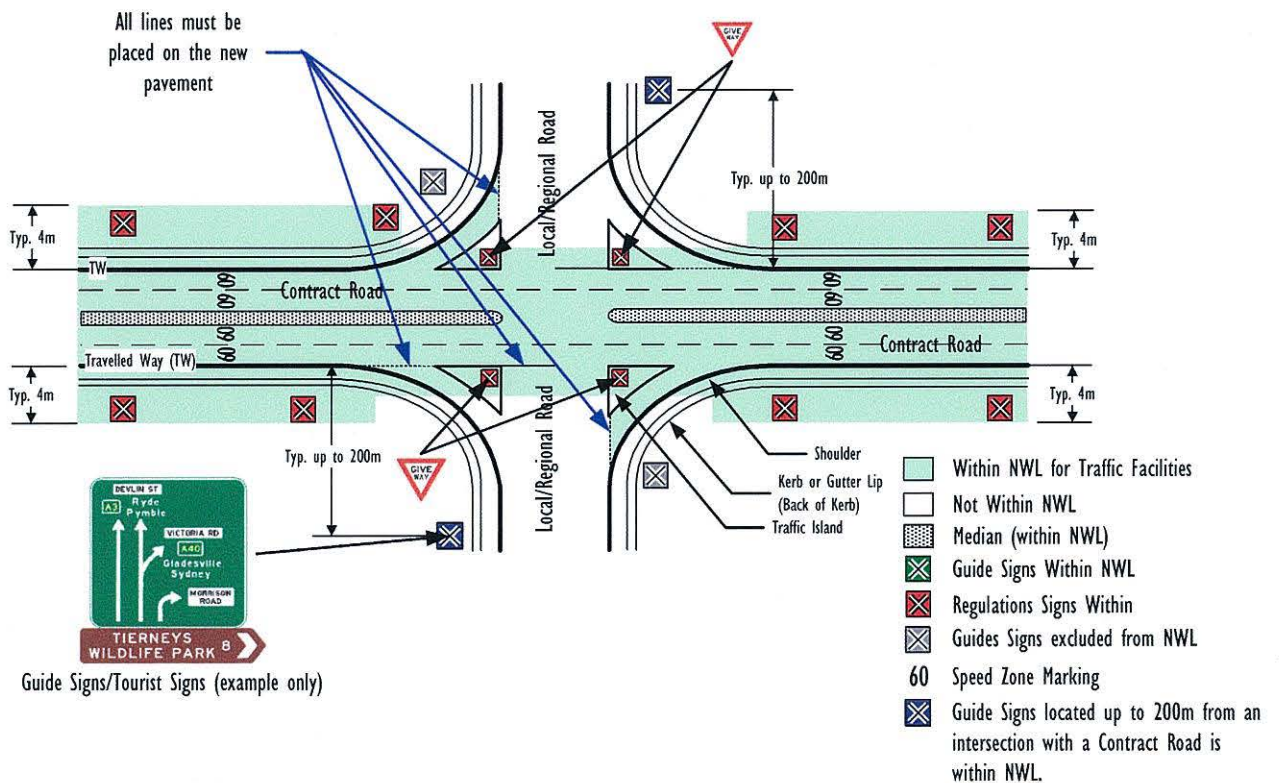


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads and Private Access Roads

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

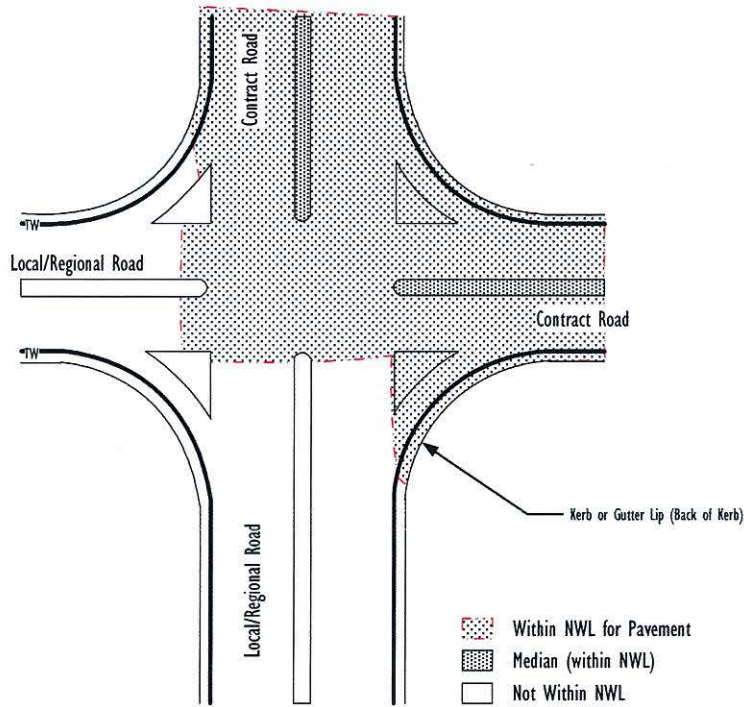


Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Non-Signalised Intersection

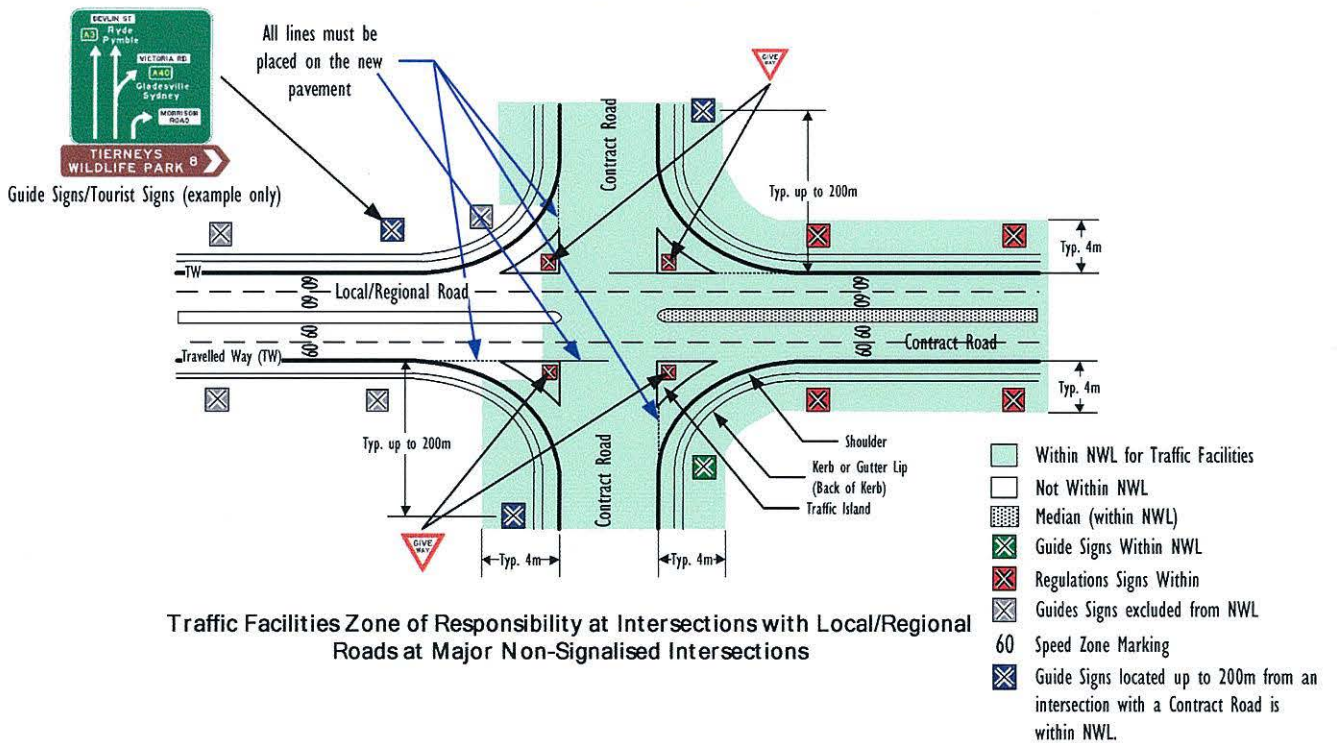


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Non-Signalised Intersections

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

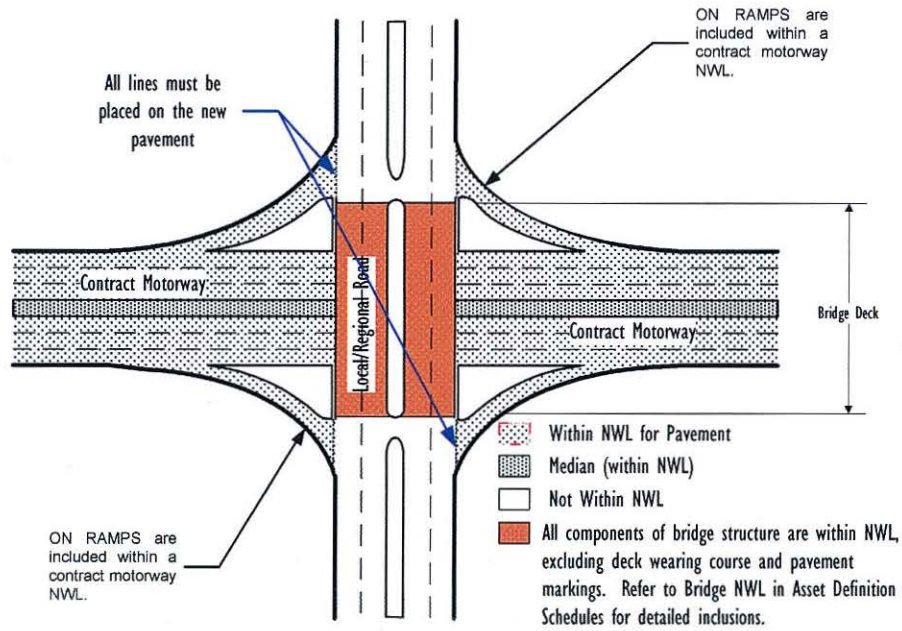


Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Non-Signalised Intersection

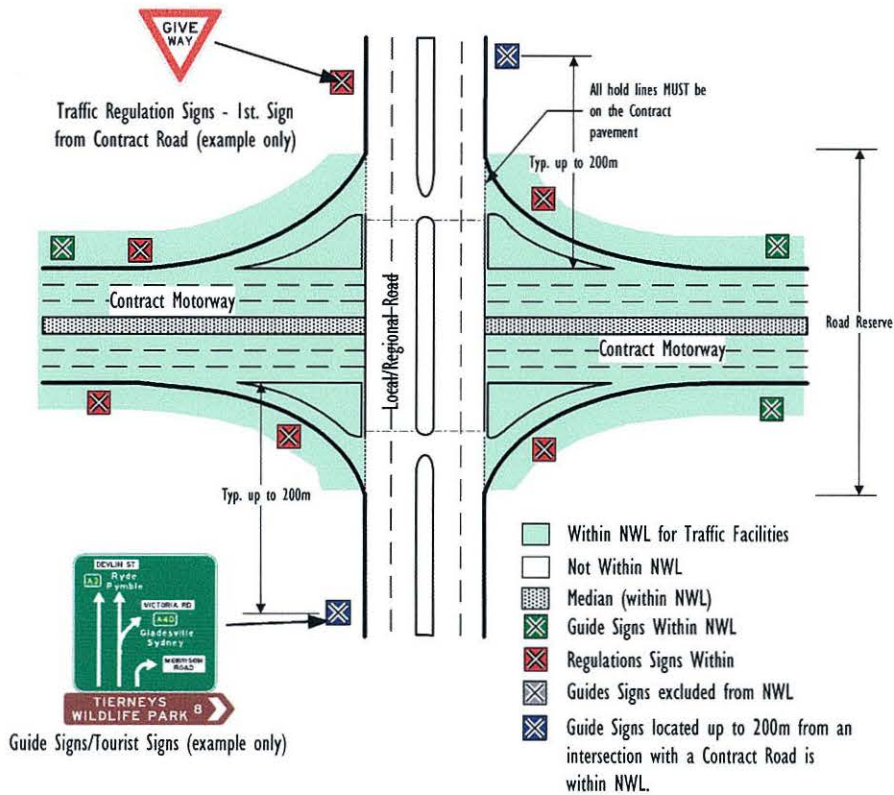


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Non-Signalised Intersections

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

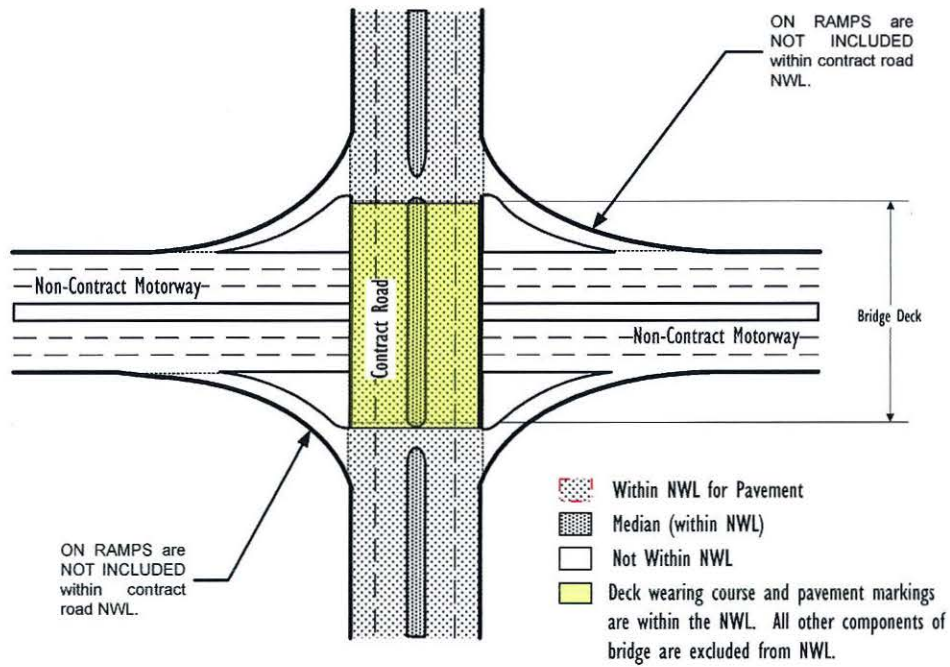


Pavement Nominal Work Limits (NWL) at Contract Motorway Intersections with Local/Regional Roads

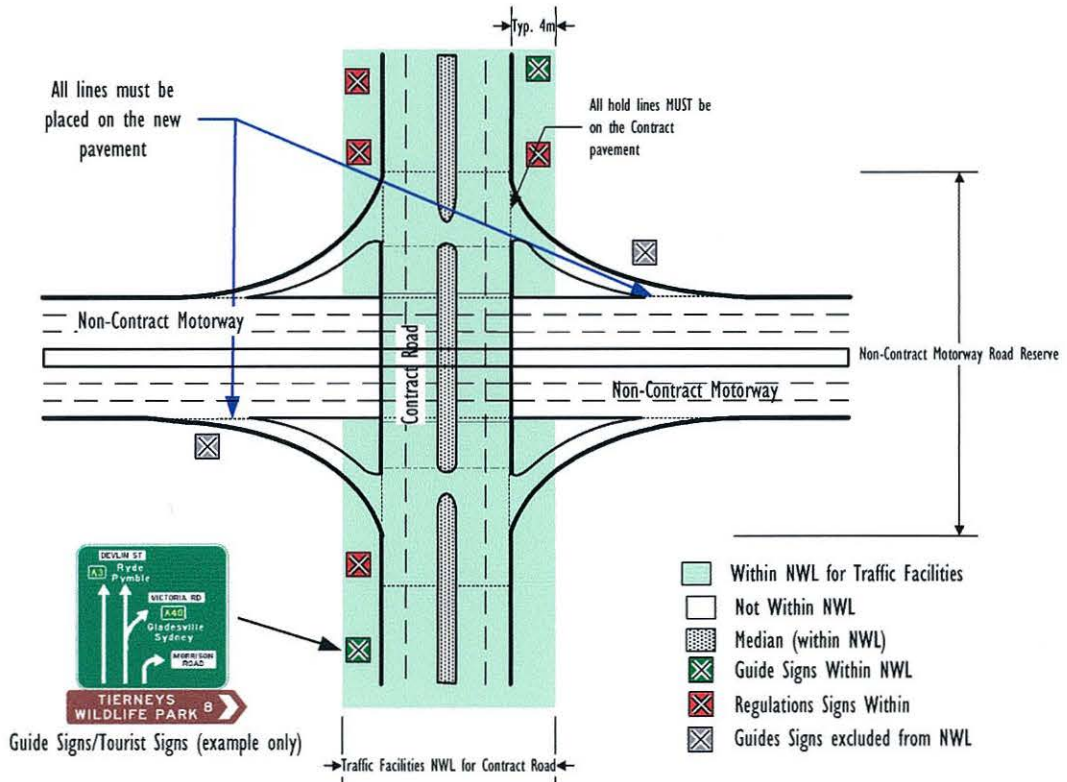


Traffic Facilities Zone of Responsibility at Contract Motorway Intersections with Local/Regional Roads

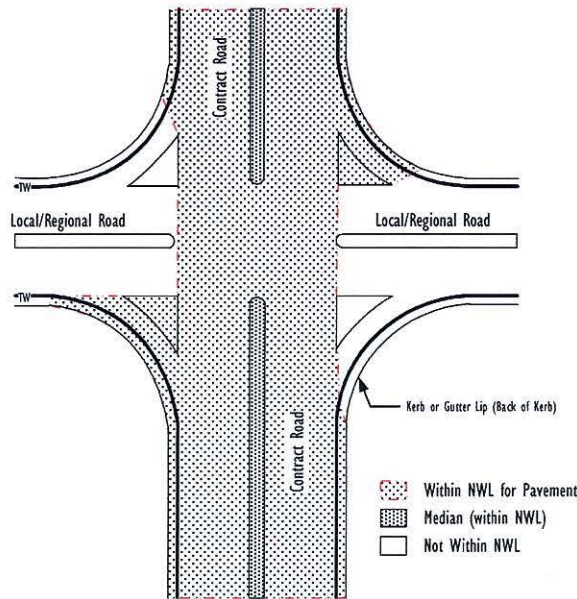
Diagram 7 – Nominal Work Limits (NWL) at Local/Regional Motorway Intersections with Contract Road



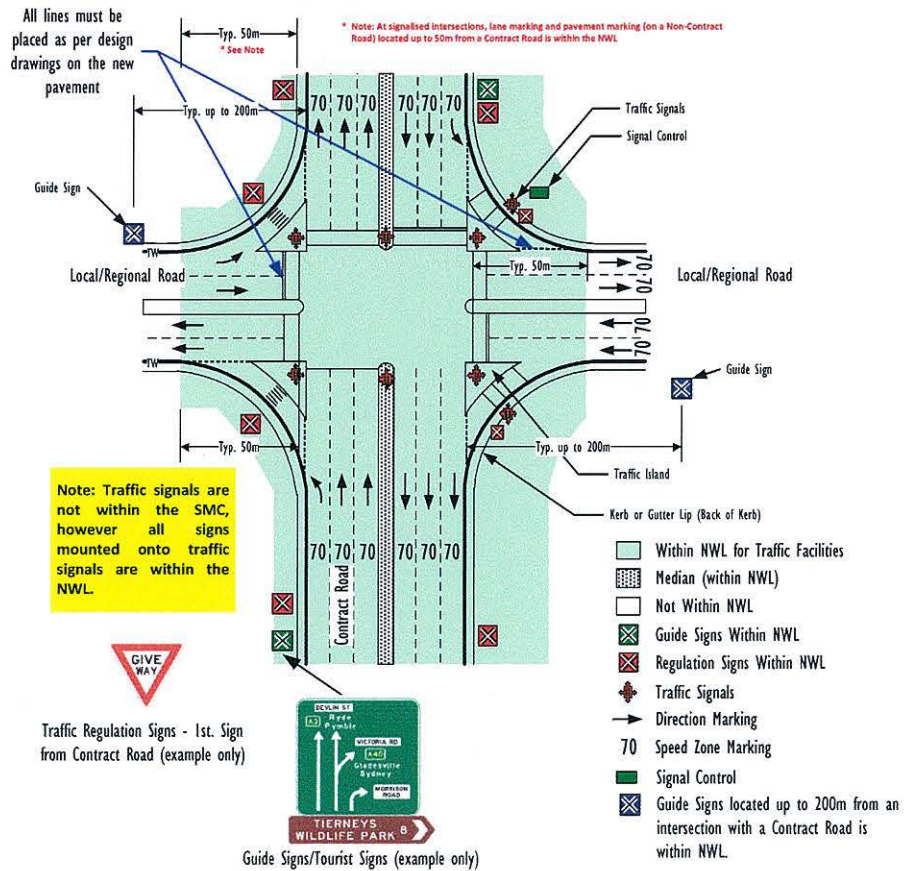
Pavement Nominal Work Limits (NWL) at Local/Regional Motorway Intersections with Contract Road



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



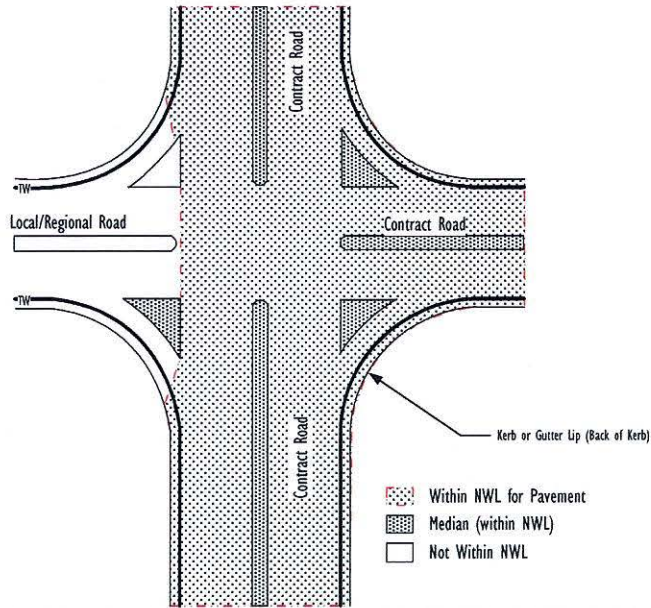
Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Signalised Intersection



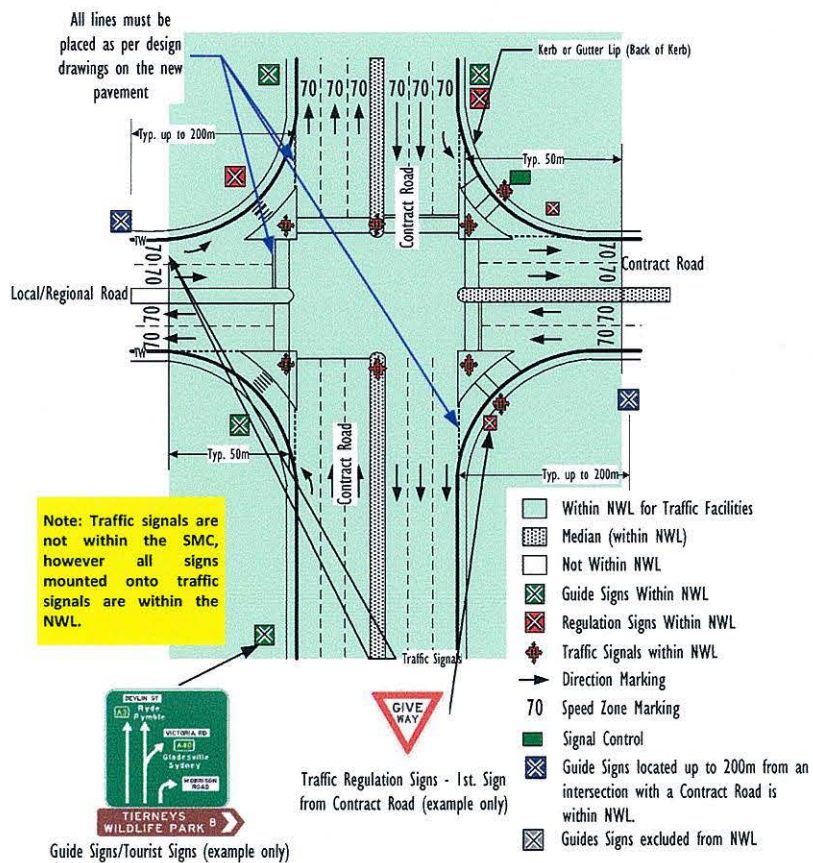
Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Non-Signalised Intersections

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

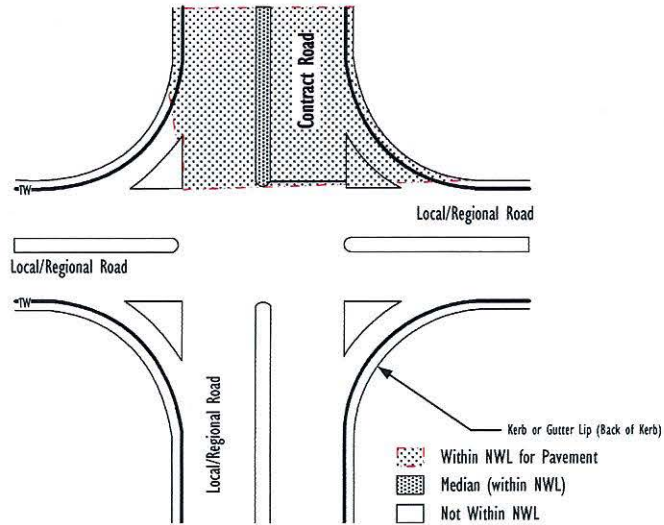




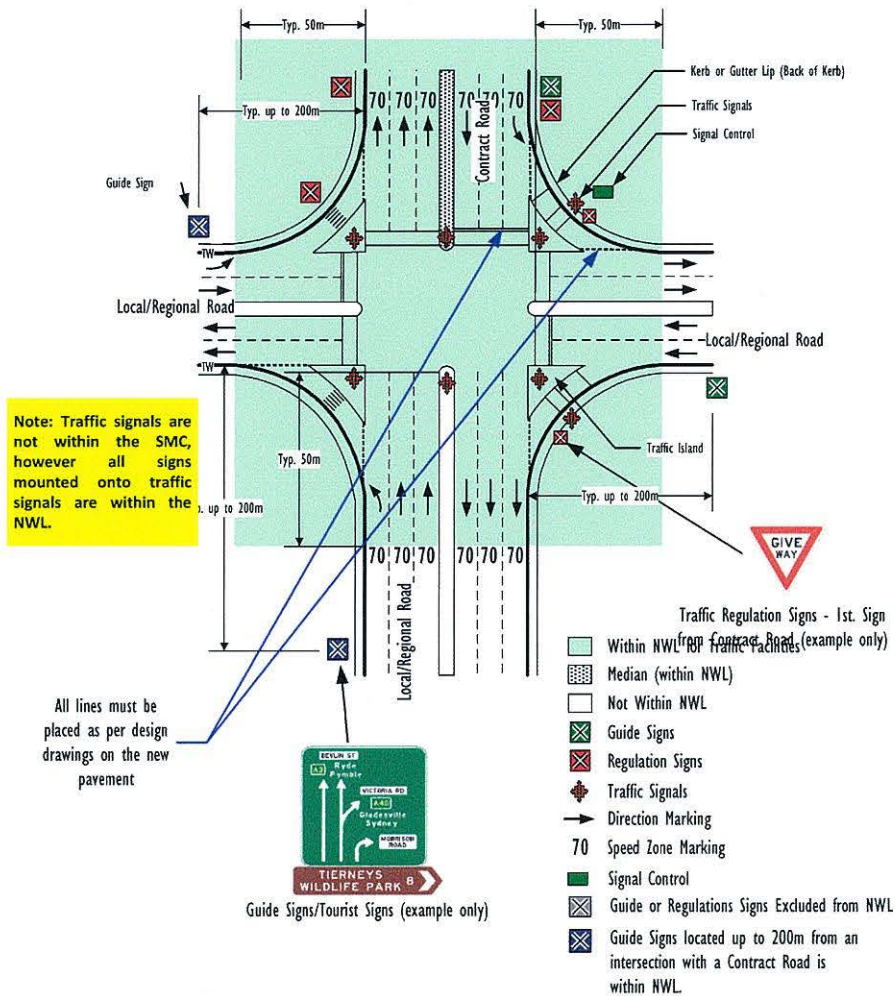
Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Signalised Intersection



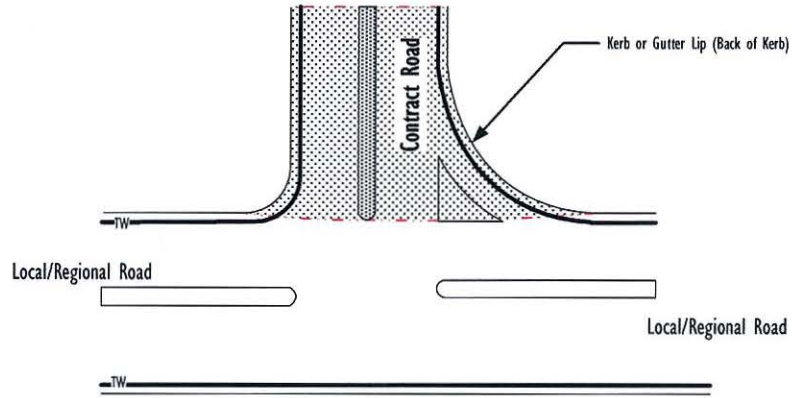
Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Signalised Intersections



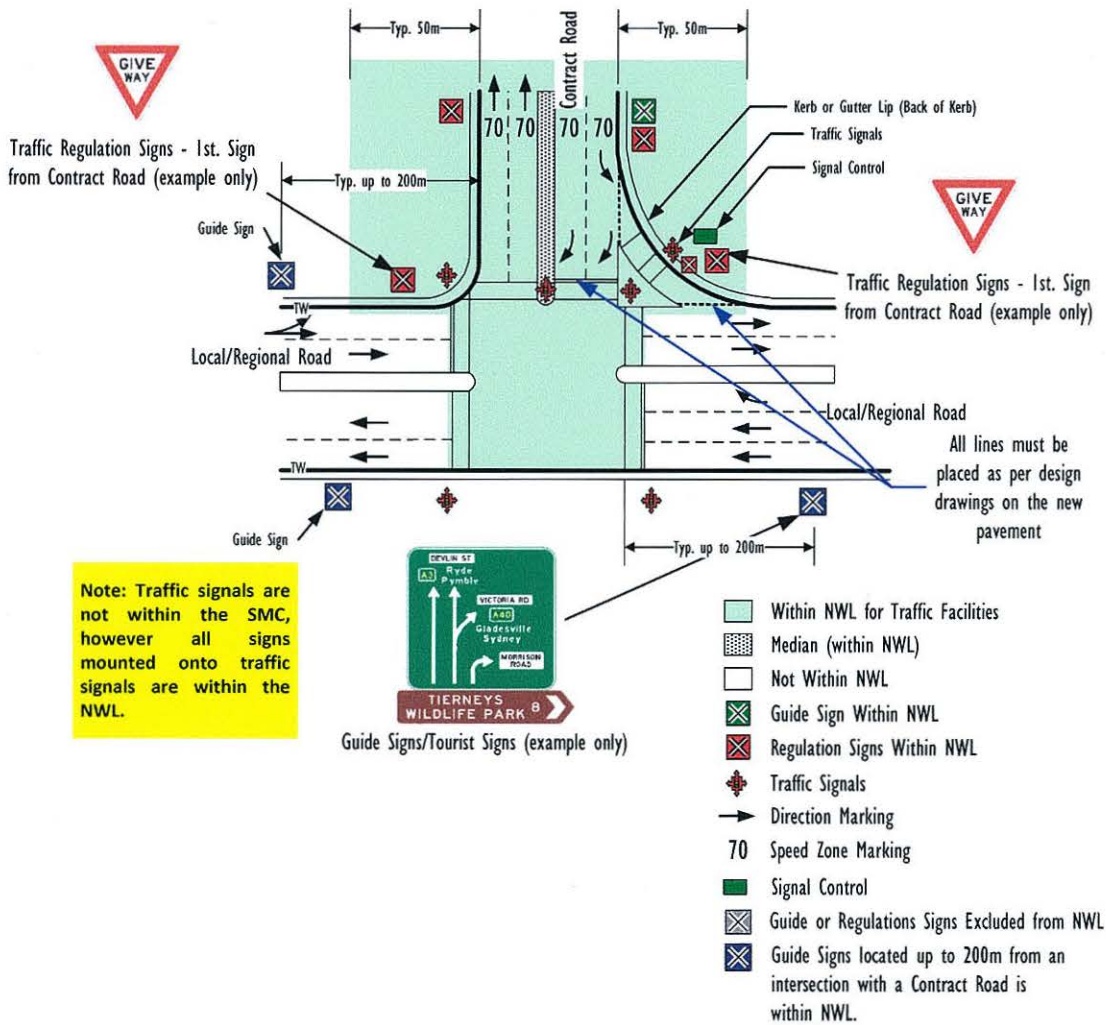
Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Signalised Intersection



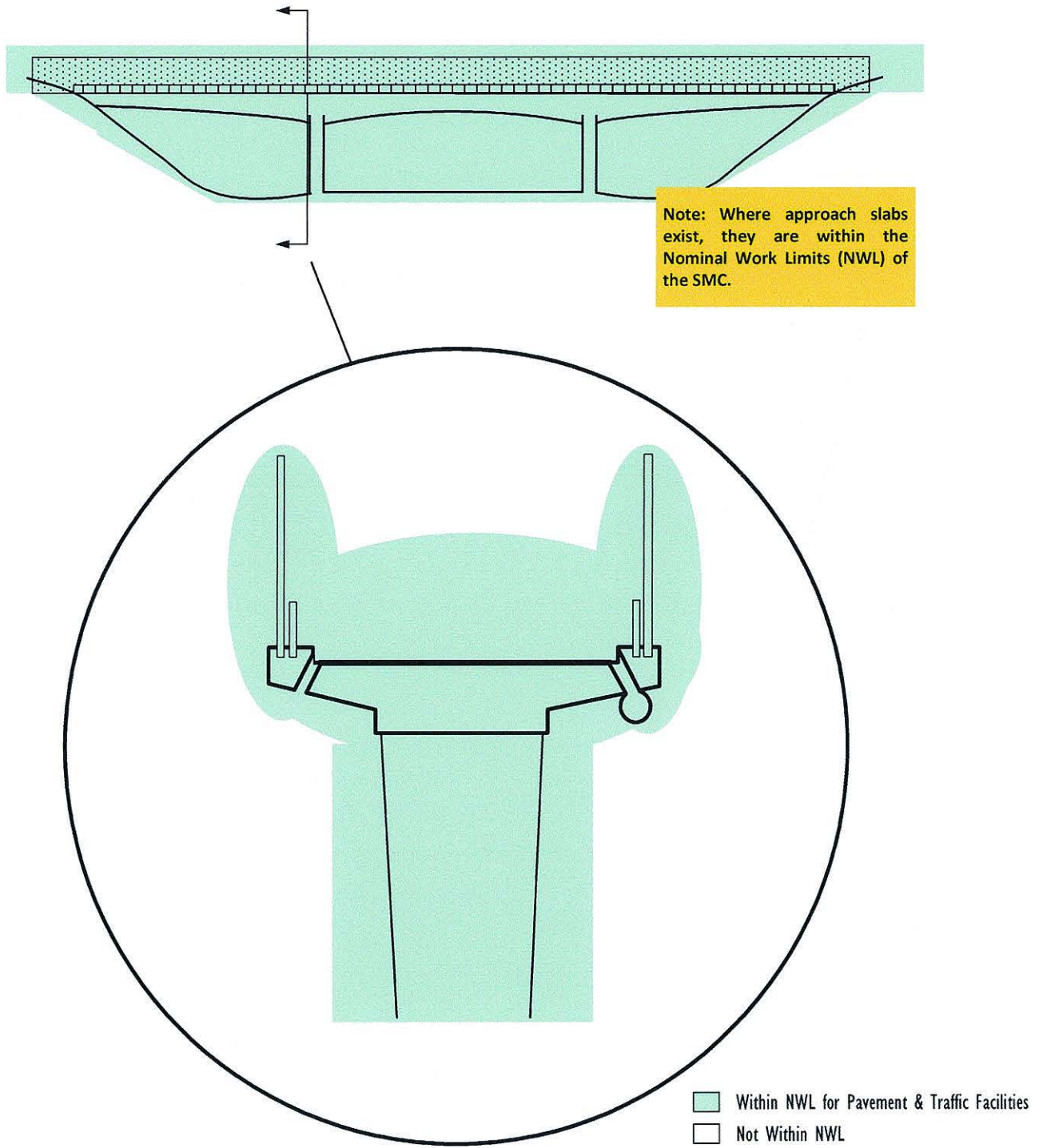
Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Signalised Intersections



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

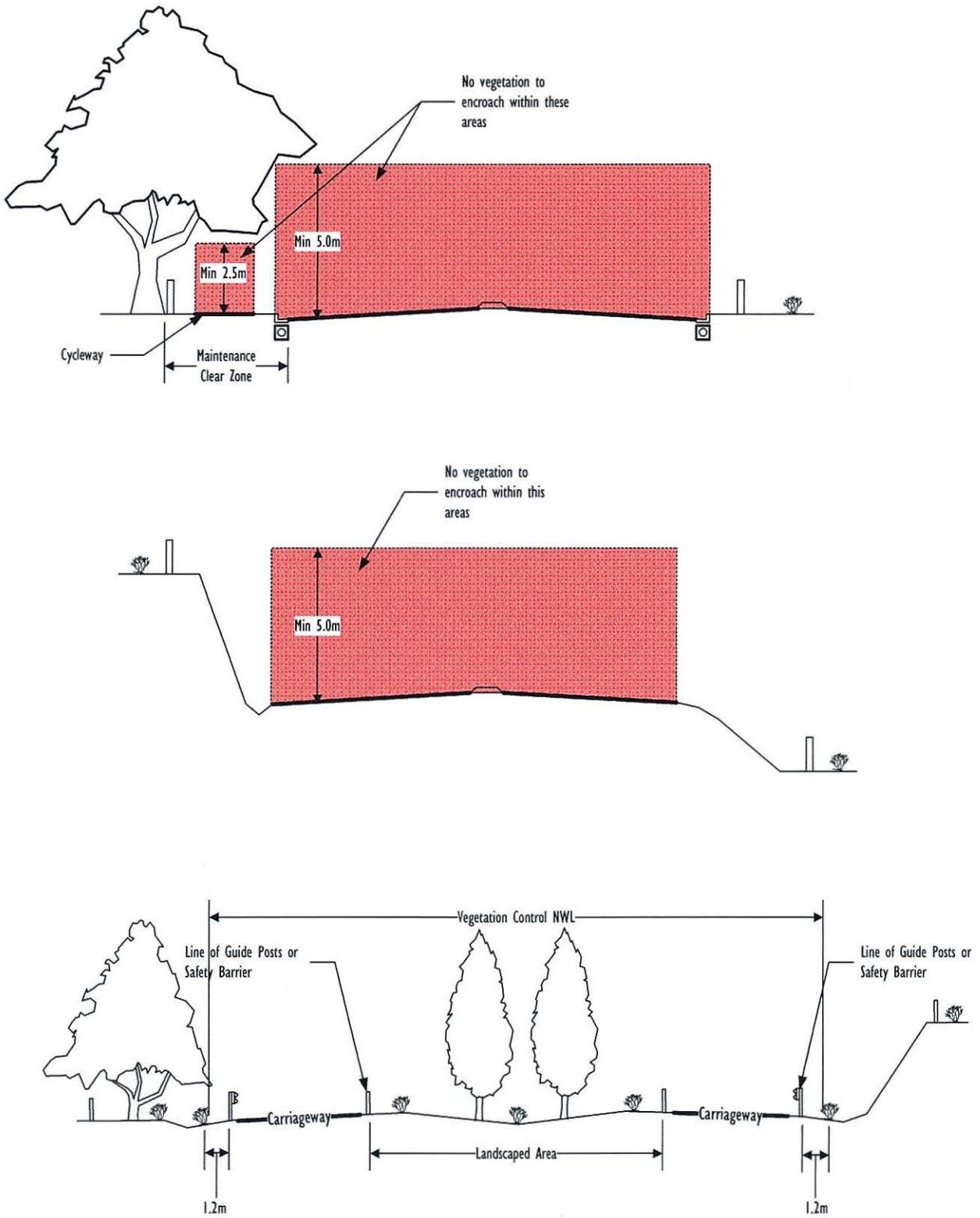


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Signalised Intersections



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

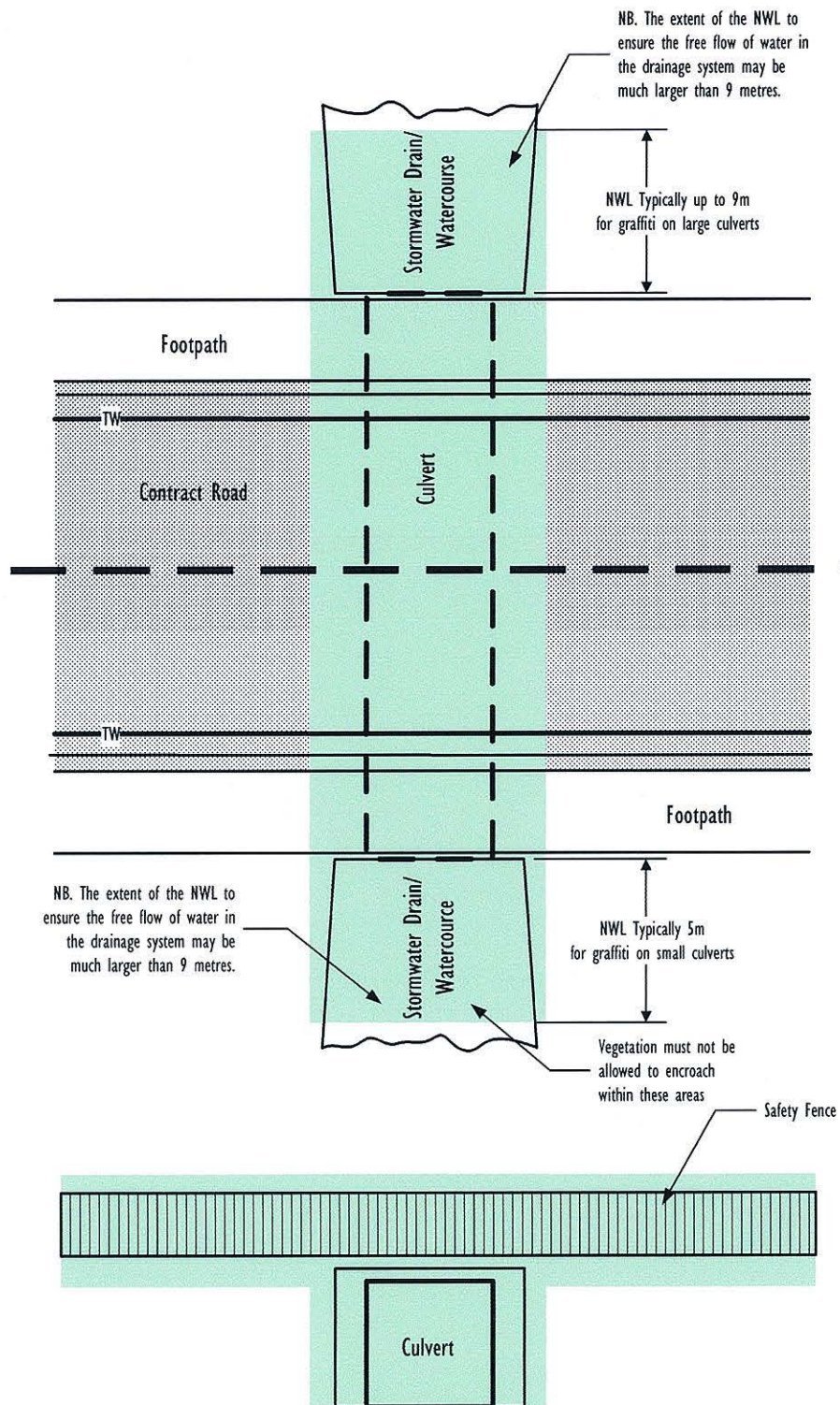


Diagram 11 – Culvert Control Limits for Contract Roads

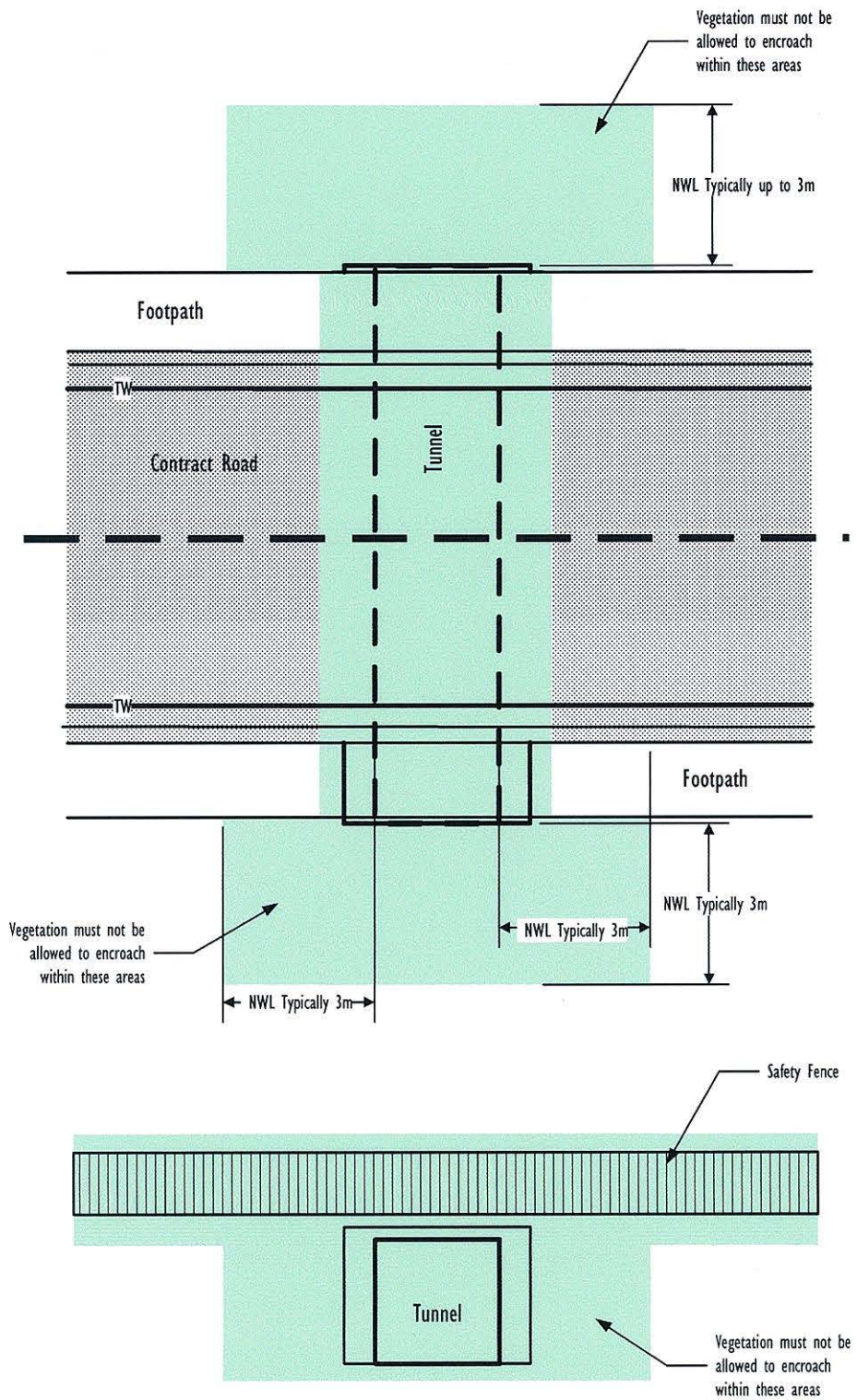


Diagram 12 – Tunnel (Non Road) Control Limits for Contract Roads

## 2.4 The Road Network

The Contract Roads are listed below:

Road No.	Main Road Name (will include sub-roads)	From	To
<b>Sydney West Zone</b>			
2	<b>Liverpool Road</b>	Woodville Road (MR 640), Villawood	Bridge over Nepean Road AB1 BN6516
5	<b>Great Western Highway</b>	Jersey Road (SH 13), Wentworthville	Mt York Road (to 4004), Mount Victoria
13	<b>Cumberland Highway, Orange Grove Road</b>	Hume Highway, Liverpool	Great Western Highway, Wentworthville
154	<b>The Northern Road</b>	Camden Valley Way, Narellan	Hawkesbury Valley Way, Windsor
155	<b>Mulgoa Road, Park Road</b>	The Northern Road, Luddenham	Castlereagh Road (MR 155)
160	<b>Old Northern Road</b>	Galston Road (MR 161), Middle Dural	River Road, Wisemans Ferry
177	<b>Appin Road, Campbelltown Road</b>	Campbelltown / Wollondilly Shire Boundary	Hume Highway, Prestons
178	<b>Narellan Road</b>	Appin Road, Ambarvale	The Northern Road, Camden Valley Way (MR 178), Narellan
179	<b>Menangle Road</b>	Bridge Over Nepean Rigid (AB2) BN0847, Menangle Park	Narellan Road, Campbelltown
181	<b>Pitt Town Road</b>	Windsor Road (MR 184), McGraths Hill	Wisemans Ferry (Town)
182	<b>Bridge Street</b>	Macquarie Street (MR 184), Windsor	King Road, Wilberforce
184	<b>Windsor Road, Macquarie Street, Hawkesbury Valley Way, Bells Line of Road</b>	Showground Road, Kellyville	Great Western Highway, Mount Victoria
225	<b>Wisemans Ferry Road</b>	Wisemans Ferry, Hawkesbury River	River Road, Wisemans Ferry (Town)
503	<b>The Putty Road</b>	King Road, Wilberforce	Bridge over Wallaby Swamp BN0490, Putty
515	<b>Wallgrove Road</b>	Elizabeth Drive (MR 535), Cecil Park	Great Western Highway, Eastern Creek
516	<b>Bell-Bowenfels Road</b>	Bells Line Of Road	Blue Mountain City Council Boundary
534	<b>Cabramatta Road</b>	Liverpool Road, Lansvale	Elizabeth Drive (MR 515), Bonnyrigg
535	<b>Elizabeth Drive</b>	Copeland Street, Liverpool	The Northern Road, Luddenham
536	<b>Mamre Road</b>	Elizabeth Drive, Kemps Creek	Great Western Highway, Street Marys
537	<b>Rooty Hill Road, Richmond Road, Blacktown Road, Lennox Street</b>	Great Western Highway, Eastern Creek	March Street, Richmond



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

Road No.	Main Road Name (will include sub-roads)	From	To
546	<b>Garfield Road East</b>	Windsor Road, Box Hill	Richmond Road, Marsden Park
548	<b>Mid Dural Road</b>	Galston Road, Middle Dural	Old Northern Road, Glenorie
570	<b>Hawkesbury Road, Macquarie Road, Silva Road</b>	Great Western Highway, Springwood	Castlereagh Road (MR 155), Agnes Banks
609	<b>The Horsley Drive, Victoria Road, Elizabeth Street</b>	Liverpool Road, Villawood	Wallgrove Road, Horsley Park
620	<b>Remembrance Drive, Old Hume Highway, Camben Bypass, Camden Valley Way</b>	Camden / Wollondilly Shier Boundary (Wire Lane, Camden)	Ash Road, Prestons
629	<b>Erskine Park Road</b>	Mamre Road, Street Clair	Duke Street, Plumpton
630	<b>Castlereagh Road</b>	Castlereagh Road, Penrith	Lennox Street, Richmond
635	<b>Old Windsor Road</b>	Hart Drive (SH 13), Northmead	Windsor Road (MR 184), Kellyville
642	<b>Blacktown Road</b>	Wall Park Avenue (MR 644), Blacktown	Windsor Road
643	<b>Bungarabee Road (Sect 1), Richmond Road (Sect 2)</b>	Blacktown Road (MR 644), Balmoral Road, (MR 683)	Balmoral Street, Blacktown (Sect 1); Rooty Hill Road North, Hassall Grove (Sect 2)
644	<b>Prospect Highway, Abbott Road</b>	Great Western Highway, Prospect	Old Windsor Road (MR635), Blacktown
646	<b>Hassall Street</b>	Victoria Street (RR 7234), Wetherill Park	Great Western Highway, Girraween
647	<b>Bringelly Road</b>	Camden Valley Way, Horningsea Park	The Northern Road, Bringelly
648	<b>Cowpasture Road</b>	Camden Valley Way, Leppington	The Horsley Drive, Horsley Park
653	<b>Power Street, Rooty Hill</b>	M7 Westlink Ramp Off To Power Street, Rooty Hill	Rooty Hill Road North, Plumpton
654	<b>Woodstock Avenue</b>	M7 Westlink Ramp On From Woodstock Avenue, Rooty Hill	Rooty Hill Road North, Rooty Hill
670	<b>Benera Road (Jedda Road), Prestons</b>	M7 Westlink N/B Ramp On/Off Benera Road, Prestons	Hoxton Park Road, Cartwright
680	<b>Queen Street, Rudd Rd, Pembroke Rd, Minto Rd, Harold Rd, Canterbury Rd, Glenfield Rd</b>	Campbelltown Road (MR177), Campbelltown	Campbelltown Road (Hume Highway SH2), Glenfield
681	<b>Hoxton Park Road</b>	Hume Highway, Liverpool	Cowpasture Road, Preston
683	<b>Reservoir Road (M4 - Great Western Highway), Blacktown</b>	M4 Off-Load Ramp To Reservoir Road, Blacktown	Sunnyholt Road, Blacktown
685	<b>Grove Avenue (Hawkesbury Valley Way), Windsor</b>	Windsor Road, Windsor	Macquarie Street, Windsor
686	<b>Beech Road, Casula</b>	Camden Valley Way (SH2)-E/B Kb, Prestons	Bridge Over M5 Abt1, Casula
687	<b>Schofields Road, Schofields</b>	Windsor Road, Kellyville	Railway Terrace, Schofields
690	<b>Norwest Boulevard, Bella Vista</b>	M7 Ramp Off To Norwest Blvd,	Windsor Road, Baulkham Hills

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

Road No.	Main Road Name (will include sub-roads)	From	To
		Kings Langley	
691	<b>Seven Hills Road North, Seven Hills</b>	Abbott Road (MR 644), Seven Hills	Old Windsor Road, Bella Vista
6004	<b>M4 Western Motorway, Mays Hill</b>	Coleman Street Over (BN 6802)	Russell Street, Emu Plains
6005	<b>M5 South Western Motorway</b>	Ramp on from Moorebank Avenue, South Western Freeway (M5), Moorebank	M5 South Western Motorway, Ramp On from Hume Highway, Liverpool
8001	<b>Patrick Street, Blacktown</b>	Bungarribee Road, Blacktown	Richmond Road, Centre Bus Lane To Interchange & Station, Blacktown (Note: Local management arrangements with Blacktown Council)
8002	<b>Liverpool To Parramatta Transitway</b>	South End Of Liverpool Bus Terminal, Liverpool	Station Street, Parramatta
8005	<b>Blacktown - Castle Hill Transitway</b>	Entry To Blacktown Bus Terminal, Blacktown	Burns Road, Parramatta-Mungarie Park Transitway, Kellyville
8007	<b>Parramatta - Mungarie Park Transitway</b>	Park Parade, Mays Hill	Windsor Road Entry To Cemetery, Blacktown

### 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
<b>SYDNEY WEST ZONE</b>			
Bay 2 Mountains	Prospect Reservoir; Horsley Drive to Reconciliation Road	Concrete	2200m approx
Bay 2 Mountains	Sydney Water Pipeline; Frank St, Guildford to Military Rd, Guildford	Concrete	2000m approx
Liverpool to Parramatta Transitway	Moore St, Liverpool to FairfieldSt, Woodpark	Concrete	12,500m approx

##### 3.1.2 Controlled Access Roads

Road No	Road Name	From	From Suburb	To	To Suburb	LGA
<b>SYDNEY WEST ZONE</b>						
2	HUME HWY	SOUTH WESTERN FWY	GLENFIELD	NEPEAN RIVER (NTH)	MENANGLE	CAMPBELLTOWN
5	GREAT WESTERN HWY	PONDS RD	PROSPECT	HONEEMAN CL	ARNDILL PARK	BLACKTOWN
155	MULGOA ROAD	100m Sth of High St	PENRITH	HIGH ST	PENRITH	PENRITH
177	CAMPBELLTOWN RD	QUEEN ST	CAMPBELLTOWN	CHAMBERLAIN ST	CAMPBELLTOWN	CAMPBELLTOWN
178	NEW NARELLAN RD	MENANGLE RD	CAMPBELLTOWN	APPIN RD	CAMPBELLTOWN	CAMPBELLTOWN
184	KURRAJONG RD	CHAPEL ST	RICHMOND	HAWKESBURY RIVER	RICHMOND	HAWKESBURY
534	CABRAMATTA RD	OVERBRIDGE (WEST)	CABRAMATTA	CHURCH ST	CABRAMATTA	FAIRFIELD
534	CABRAMATTA RD	OVERBRIDGE (EAST)	CABRAMATTA	BROOMFIELD ST	CABRAMATTA	FAIRFIELD
620	CAMDEN BYPASS	NARELLAN RD	NARELLAN VALE	DRUITT LANE	CAMDEN SOUTH	CAMDEN
635	OLD WINDSOR	HART DR	NORTHMEAD	HAMMERS RD	NORTHMEAD	PARRAMATTA

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

Road No	Road Name	From	From Suburb	To	To Suburb	LGA
	RD					
644	PROSPECT HWY	GREAT WESTERN MTWY	PROSPECT	LANCELOT ST	BLACKTOWN	BLACKTOWN
681	HOXTON PARK RD	ILLAROO RD	HOXTON PARK	YARATO RD	HOXTON PARK	LIVERPOOL
6004	WESTERN MTWY	NDEAPEAN RIVER (WEST EBT)	EMU PLAINS	GOVERNORS DR	GLENBRIOOK	PENRITH
6004	WESTERN MTWY	COLEMAN ST	SOUTH WENTWORTHVILLE	NEAPEAN RIVER (EAST ABT)	REGENTVILLE	PENRITH
6005	SOUTH WESTERN MTWY	GEORGES RIVER BRIDGE (WEST)	LIVERPOOL	HUME HWY	GLENFIELD	LIVERPOOL

### 3.1.3 Pavement Schedule

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
<b>SYDNEY WEST ZONE</b>							
2	Liverpool Road	Woodville Road (MR 640), Villawood	Orange Grove Road (SH 13), Liverpool	5.759	33.779	5	Flexible
2	Liverpool Road	Woodville Road (MR 640), Villawood	Orange Grove Road (SH 13), Liverpool	2.041	9.034	5	Rigid
2	Copeland Street	Orange Grove Road (SH 13), Liverpool	Elizabeth Drive (MR 515), Liverpool	0.497	1.491	6	Rigid
2	Copeland Street	Orange Grove Road (SH 13), Liverpool	Terminus Street (MR 578), Liverpool	1.519	9.114	6	Flexible
2	Camden Valley Way	(Hume Highway), York Street, Glenfield	Ramp from Hume Highway (SH2/6005), Prestons	1.052	3.156	6	Flexible
2	Campbelltown Road	Hume Highway (Campbelltown Road), Glenfield Road, Prestons	Hume Highway & On Ramp To Freeway, Grass Med At Int Campbelltown Road, Glenfield	0.946	2.382	6	Flexible

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

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
2	Ramp To Camden Valley Way	Hume Highway & Ramp To Camden Valley Way, Camden Valley Way/Hume Highway(SH2)-Mid, Prestons	Hume Highway (Freeway), Ramp Off To Camden Valley Way & Hume Highway, Ingleburn Milpo	0.459	1.297	6	Flexible
2	On Ramp To Freeway	Hume Highway & On Ramp To Freeway, Grass Med At Int Campbelltown Road, Glenfield	Hume Highway, S/B Hume Highway Ramp On To Freeway From X/Roads, Glenfield	0.663	0.943	6	Flexible
2	Hume Highway	Terminus Street (MR 578), Liverpool	Menangle Road MR179 Over BN0609, Menangle Park	24.296	116.953	6	Flexible
5	Great Western Highway	Jersey Road (SH 13), Pendle Hill	Reservoir Road & New F4 Access, Blacktown	3.795	27.324	5	Rigid
5	Great Western Highway	Jersey Road (SH 13), Wentworthville	Brabham Drive, Blacktown	6.154	32.091	5	Flexible
5	High Street	Parker Street (MR 154), Kingswood	Henry Street, Penrith	0.333	1.332	4	Flexible
5	High Street	Parker Street (MR 154), Kingswood	Henry Street, Penrith	0.333	1.332	4	Rigid
5	Henry Street	High Street, Penrith	North Street, Penrith	0.3	1.1	4	Flexible
5	Henry Street	High Street, Penrith	North Street, Penrith	0.3	1.1	4	Rigid
5	North Street	Henry Street, Penrith	Belmore Street, Lawson Street Roundabout, Penrith	0.61	1.26	4	Rigid
5	Belmore Street	Lawson Street Roundabout, Penrith	Station Street, Penrith	0.47	0.94	4	Flexible
5	Jane Street	Belmore Street, Station Street, Penrith	Castlereagh Road (MR 155), Penrith	0.71	2.84	4	Flexible
5	Castlereagh Road	Jane Street, (MR 155), Penrith	Great Western Highway, (MR 155), Emu Plains	0.158	1.106	4	Flexible

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

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
5	Russell Street	Great Western Highway (SH 5), Emu Plains	Leonay Side Of Roundabout, Emu Plains	0.722	2.39	4	Flexible
5	Great Western Highway	Marsden Road, Street Marys	Entrance To Browntown Oval, Mount Victoria	13.455	59.492	4	Rigid
5	Great Western Highway	Brabham Drive, Blacktown	Mt York Road (To 4004), Mount Victoria	75.043	271.304	4	Flexible
13	Orange Grove Road	Copeland Street, (SH 13), Liverpool	O'Brien Parade, Cabramatta West	0.591	1.312	6	Flexible
13	Orange Grove Road	Copeland Street, (SH 13), Liverpool	Joseph Street, Cabramatta Road (MR 534), Cabramatta West	1.818	7.402	6	Rigid
13	Joseph Street	Cabramatta Road (MR 534), Cabramatta West	Cambridge Street, Street Johns Road, Cabramatta	1.342	5.368	6	Rigid
13	Cambridge Street	St Johns Road, Cabramatta	New Cambridge Street, Thorney Road, Fairfield West	1.629	6.734	6	Rigid
13	New Cambridge Street	Thorney Road, Fairfield West	Palmerston Road, Hamilton Road, Fairfield West	0.456	2.736	6	Rigid
13	Palmerston Road	Hamilton Road, Fairfield West	Polding Street Overpass, Ramp On From Polding Street S/B, Smithfield	0.757	3.006	6	Rigid
13	Polding Street Overpass	Ramp Off To Smithfield Road, Fairfield West	Smithfield Road, Ramp Off To Polding Street, Smithfield	0.586	2.366	6	Rigid
13	Smithfield Road	The Horsley Drive (MR 609), Smithfield	Warren Road, Victoria Street (RR 7234), Smithfield	0.282	0.846	6	Flexible
13	Smithfield Road	Ramp On From Polding Street, Smithfield	Warren Road, Victoria Street (RR 7234), Smithfield	1.149	7.818	6	Rigid
13	Warren Road	Victoria Street (RR 7234), Smithfield	Betts Road, Sturt Street, Woodpark	1.481	8.886	6	Flexible
13	Betts Road	Sturt Street, Woodpark	Jersey Road, Merrylands Road, South Wentworthville	1.612	9.672	6	Flexible

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

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
13	Jersey Road	Merrylands Road, South Wentworthville	Great Western Highway, (SH 13), Wentworthville	1.88	11.28	6	Rigid
154	The Northern Road	Camden Valley Way, Narellan Road, Narellan	Park Road (SA 155), Luddenham	21.161	48.503	3	Flexible
154	Parker Street	High Street, (MR 154), Kingswood	Richmond Road, Coreen Avenue, Emu Plains	0.828	4.203	4	Rigid
154	Parker Street	Maxwell Street, Kingswood	Richmond Road, Coreen Avenue, Emu Plains	2.436	12.765	4	Flexible
154	Richmond Road	Coreen Avenue, Emu Plains	Dunheved Road, Cambridge Gardens	0.531	2.124	4	Rigid
154	Richmond Road	Dunheved Road, Cambridge Gardens	The Northern Road, Andrews Road (Ra 2048), Cranebrook	0.82	3.28	4	Flexible
154	The Northern Road	Park Road (SA 155), Luddenham	Blacktown Road (SA 537), Windsor South	25.459	56.345	4	Flexible
154	George Street	Blacktown Road (SA 537), Windsor South	George Street (Island Nose), Windsor South	2.202	4.404	4	Flexible
154	Macquarie Street	George Street, George Street (Island Nose), Windsor South	Richmond Road (SA 184), Windsor	2.04	4.08	4	Flexible
155	Park Road	The Northern Road, (SA155), Luddenham	Mulgoa Road (MR 155), Wallacia	4.702	9.404	3	Flexible
155	Mulgoa Road	Park Road (MR 155), Wallacia	Jamison Road (Roundabout), Jamisontown	14.795	33.512	3	Flexible
155	Mulgoa Road	Littlefields Road, Mulgoa	Great Western Highway, Castlereagh Road (MR 155), Emu Plains	9.881	23.299	3	Rigid
160	Old Northern Road	Galston Road (MR 161), Middle Dural	Bay Road (MR 181), Nr Wisemans Ferry	29.065	58.26	3	Flexible
177	Appin Road	Woodland Road, Bradbury	Moore-Oxley Bypass, Bradbury Avenue, Campbelltown	0.574	8.541	4	Rigid

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

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
177	Appin Road	Brian Road, Rosemeadow	Moore-Oxley Bypass, Bradbury Avenue, Campbelltown	12.767	30.137	4	Flexible
177	Moore-Oxley Bypass	Bradbury Avenue, Campbelltown	Campbelltown Road, Queen Street, Campbelltown	2.169	6.148	4	Rigid
177	Moore-Oxley Bypass	Bradbury Avenue, Campbelltown	Campbelltown Road, Queen Street, Campbelltown	1.309	10.075	4	Flexible
177	Campbelltown Road	Queen Street, Campbelltown	Hume Highway, Campbelltown Road (MR 177), Minto	2.284	8.659	4	Flexible
177	Campbelltown Road	Hume Highway, Campbelltown Road (MR 177), Minto	Hume Highway Grass Median At Campbelltown Road & Freeway Ramp, Prestons	10.225	21.29	3	Flexible
178	New Narellan Road	Appin Road, (MR 178), Ambarvale	Narellan Road, Blaxland Road, Campbelltown	0.938	3.738	4	Flexible
178	Narellan Road	Blaxland Road, Campbelltown	Camden Valley Way, Narellan	6.779	27.053	4	Flexible
178	Camden Valley Way	Narellan Road, Narellan	The Northern Road, (SA 178), Narellan	0.39	1.59	4	Flexible
179	Menangle Road	Bridge over Nepean Rigid (Ab2) Bn0847, Menangle Park	Tindall Street, Campbelltown	8.669	18.058	3	Flexible
179	Tindall Street	Menangle Road, , Campbelltown	Kellicar Road, (MR 179), Campbelltown	0.228	0.912	3	Flexible
179	Kellicar Road	Tindall Street (MR 179), Campbelltown	New Narellan Road, Campbelltown	0.208	0.832	3	Flexible
181	Pitt Town Road	Windsor Road (MR 184), McGraths Hill	Bathurst Street, Glebe Road (1St Occ), Pitt Town	4.126	8.252	2	Flexible
181	Bathurst Street	Glebe Road (1St Occ), Pitt Town	Chatham Street, Pitt Town	0.622	1.244	2	Flexible
181	Chatham Street	Bathurst Street, Pitt Town	Eldon Street, (MR 181), Pitt Town	0.126	0.252	2	Flexible
181	Eldon Street	Chatham Street (MR 181), Pitt Town	Cattai Road, Old Pitt Town Road, Nr Pitt Town	0.426	0.852	2	Flexible



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

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
181	Cattai Road	Old Pitt Town Road, Nr Pitt Town	Wisemans Ferry Road, Sackville Road (MR 182), South Maroota	17.631	35.262	2	Flexible
181	Wisemans Ferry Road	Sackville Road (MR 182), South Maroota	Old Northern Road, Bay Road (MR 181), Nr Wisemans Ferry	5.885	11.77	2	Flexible
181	Old Northern Road	Bay Road (MR 181), Nr Wisemans Ferry	River Road, (MR 225), Wisemans Ferry (Town)	10.607	21.214	2	Flexible
182	Bridge Street	Macquarie Street (MR 184), Windsor	Wilberforce Road, Bridge Over Hawkesbury Rigid (Ab1)Bn0415, Windsor	0.243	0.486	2	Flexible
182	Bridge Street	Macquarie Street (MR 184), Windsor	Wilberforce Road, Bridge Over Hawkesbury Rigid (Ab1)Bn0415, Windsor	0.243	0.486	2	Rigid
182	Wilberforce Road	, Bridge Over Hawkesbury Rigid (Ab1)Bn0415, Windsor	Freemans Reach Road, Windsor	0.263	0.526	2	Rigid
182	Wilberforce Road	Bridge Over Hawkesbury Rigid (Ab1)Bn0415, Windsor	King Road, Putty Road (MR 503), Nr Wilberforce	5.446	10.892	2	Flexible
184	Windsor Road	Showground Road, (MR 184), Kellyville	Bridge Street, Bridge Over South Creek (Ab1) Bn0426, Windsor	20.072	79.976	4	Flexible
184	Bridge Street	Bridge Over South Creek (Ab1) Bn0426, Windsor	Macquarie Street (MR 184), Windsor	0.236	0.472	4	Flexible
184	Macquarie Street	Bridge Street, (MR 184), Windsor	Richmond Road (SA 184), Windsor	1.13	5.65	4	Flexible
184	Richmond Road	Macquarie Street, (SA 184), Windsor	Percival Street, (MR 184), Richmond Raaf	1.517	3.771	4	Flexible
184	Richmond Road	George Street (SR 2030), Windsor	Windsor Street, Racecourse Road, Richmond	2.426	5.142	4	Rigid

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

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
184	Windsor Street	Bourke Street, Richmond	East Market Street, Richmond	0.682	1.488	4	Flexible
184	Windsor Street	Racecourse Road, Richmond	East Market Street, Richmond	3.511	7.146	4	Rigid
184	East Market Street	Windsor Street, Richmond	March Street, (MR 537), Richmond	0.177	0.708	4	Flexible
184	March Street	East Market Street (MR 537), Richmond	Bosworth Street, (MR 184), Richmond	0.533	1.292	4	Flexible
184	Kurrajong Road	Bosworth Street, March Street (MR 184), Richmond	Bells Line Of Road, Bridge Over Hawkesbury Rigid Bn0429, Richmond	2.398	4.926	4	Flexible
184	Bells Line Of Road	Bridge Over Hawkesbury Rigid Bn0429, Richmond	Grose Vale Road, North Richmond	0.827	1.654	4	Flexible
184	Bells Line Of Road	Grose Vale Road, North Richmond	Kurmond Road, Kurmond	4.269	8.538	3	Rigid
184	Bells Line Of Road	Grose Vale Road, North Richmond	Darling Causeway, Bell-Bowenfels Road (MR 516), Dargan	57.299	125.827	3	Flexible
184	Darling Causeway	Bell-Bowenfels Road (MR 516), Dargan	Darling Causeway/Station Street, Hartley Vale Road, Mount Victoria	3.937	7.874	2	Flexible
184	Darling Causeway/Station Street	Hartley Vale Road, Mount Victoria	Great Western Highway, Station Street (MR 184), Mount Victoria	6.041	12.082	2	Flexible
225	Wisemans Ferry Road	Road To St Albans, Wisemans Ferry (Town)	River Road, Old Northern Road (MR 225), Wisemans Ferry (Town)	1.113	2.226	2	Flexible
503	The Putty Road	King Road, (MR 503), Nr Wilberforce	Bridge Over Wallaby Swamp Bn0490, Putty	72.851	157.519	2	Flexible
515	Wallgrove Road	Elizabeth Drive (MR 535), Cecil Park	Great Western Highway, Wallgrove Road (MR 515), Eastern Creek	6.725	17.89	4	Rigid

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Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
515	Wallgrove Road	M7 Westlink N/B On From Wallgrove Road, Cecil Hills	Great Western Highway, (MR 515), Eastern Creek	6.846	16.612	4	Flexible
534	Cabramatta Road	Liverpool Road, Cabramatta Road East (MR 534), Lansvale	Elizabeth Drive (MR 515), Bonnyrigg	5.958	23.832	4	Flexible
535	Elizabeth Drive	Copeland Street, (MR 515), Liverpool	M7 Westlink S/B Ramp Off/On Elizabeth Drive, Cecil Park	11.315	30.314	4	Rigid
535	Elizabeth Drive	Copeland Street, (MR 515), Liverpool	Mamre Road (MR 536), Kemps Creek	9.179	39.028	4	Flexible
535	Elizabeth Drive	Mamre Road (MR 536), Kemps Creek	The Northern Road, (SA 535) Roundabout, Luddenham	10.443	20.886	3	Flexible
536	Mamre Road	Elizabeth Drive, (MR 536), Kemps Creek	Ramp Off To Western Freeway, Street Clair	11.664	23.612	3	Flexible
536	Mamre Road	Ramp Off To Western Freeway, Street Clair	Great Western Highway, (MR 536), Street Marys	1.702	6.11	4	Flexible
537	Rooty Hill Road South	Great Western Highway, Wallgrove Road (MR 515), Eastern Creek	Francis Road, Rooty Hill	1.407	5.628	4	Flexible
537	Francis Road	Rooty Hill Road South, Rooty Hill	Railway Street, Bridge Over Railway (AB1) BN6836, Rooty Hill	1.498	3.618	4	Flexible
537	Railway Street	Bridge Over Railway (AB1) BN6836, Rooty Hill	Duke Street, Luxford Road, Rooty Hill	1.251	2.502	4	Flexible
537	Duke Street	Luxford Road, Rooty Hill	Woodstock Avenue, Plumpton	0.551	1.102	4	Flexible
537	Woodstock Avenue	Duke Street, Plumpton	Rooty Hill Road North, Plumpton	0.816	3.264	4	Flexible

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Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
537	Rooty Hill Road North	Woodstock Avenue, Plumpton	Richmond Road, Rooty Hill Road North / M7 Ramps, Dean Park	3.135	9.063	4	Flexible
537	Richmond Road	Rooty Hill Road North / M7 Ramps, Dean Park	The Northern Road, Blacktown Road (SA 537), Windsor South	11.921	24.78	4	Flexible
537	Blacktown Road	The Northern Road, (SA 537), Windsor South	Lennox Street, Bourke Street, Richmond	4.975	9.95	4	Flexible
537	Lennox Street	Bourke Street, Richmond	East Market Street, (MR 537), Richmond	0.69	1.764	4	Flexible
537	East Market Street	Lennox Street (MR 537), Richmond	March Street, (MR 537), Richmond	0.186	0.744	4	Flexible
546	Garfield Road East	Windsor Road, (MR 546), Box Hill	Riverstone Parade, Riverstone	3.581	8.354	3	Flexible
546	Garfield Road East	Riverstone Parade, Riverstone	Garfield Road West, Railway Terrace, Marsden Park	0.022	0.088	3	Rigid
546	Garfield Road West	Railway Terrace, Marsden Park	Carnarvon Road, Marsden Park	1.266	3.112	3	Rigid
546	Garfield Road West	Railway Terrace, Marsden Park	Richmond Road, (MR 546), Marsden Park	3.666	7.912	3	Flexible
548	Mid Dural Road	Galston Road, (MR 548), Middle Dural	Old Northern Road, (MR 548), Glenorie	2.266	4.532	3	Flexible
570	Macquarie Road	Great Western Highway, Med Opening-Springwood	Hawkesbury Road, Roundabout, Springwood	0.77	1.54	2	Flexible
570	Hawkesbury Road	Macquarie Road Roundabout, Springwood	Roberts Parade, Yarramundi	9.286	18.972	2	Flexible
570	Springwood Road	Hawkesbury Road, Roberts Parade, Yarramundi	Castlereagh Road, Hawkesbury Road (MR 570), Richmond	11.674	23.348	2	Flexible
570	Castlereagh Road	Hawkesbury Road (MR 570), Richmond	Bosworth Street, Lennox Street, Richmond	3.782	7.892	2	Flexible

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Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
570	Bosworth Street	Lennox Street, Richmond	March Street (MR 184), Richmond	0.173	0.692	2	Flexible
609	The Horsley Drive	Cockburn Creek, Fairfield	Alan Street, Fairfield	1.164	3.492	4	Rigid
609	Victoria Street	Warren Road, (RR 7234), Smithfield	Elizabeth Street, (RR 7234), Wetherill Park	4.02	16.08	4	Flexible
609	Elizabeth Street	Victoria Street (RR 7234), Wetherill Park	The Horsley Drive, Wetherill Park	0.612	2.448	4	Flexible
609	The Horsley Drive	Liverpool Road, (MR 609), Villawood	Wallgrove Road, (SR 2088), Horsley Park	10.581	40.807	4	Flexible
620	Remembrance Drive	Remembrance Drive, Start Divided Carriageway, Camden	Druitt Lane, Camden Valley Way (MR 620), Benkennie	1.921	7.688	4	Flexible
620	Camden Bypass	Druitt Lane, Camden Valley Way (MR 620), Benkennie	Camden Bypass, N/B Ramp Off To Macarthur Road-185R, Camden	2.002	5.222	4	Rigid
620	Camden Bypass	Druitt Lane, Camden Valley Way (MR 620), Benkennie	Narellan Road, S/B Ramp Off To Camden Bypass From E/B, Narellan Vale	6.064	21.381	4	Flexible
620	Camden Valley Way	Smeaton Grange Road, Catherine Field	Cowpasture Road (MR 648), Horningsea Park	12.982	27.007	4	Rigid
620	Camden Valley Way	Narellan Road, Narellan	ASH Road, Prestons	11.447	28.309	4	Flexible
629	Erskine Park Road	Mamre Road, Street Clair	Roper Road, Ramp Off From F4 Freeway, Street Clair	4.225	11.02	4	Flexible
629	Roper Road	Ramp Off From F4 Freeway, Street Clair	Carlisle Avenue, Colyton	0.767	1.898	4	Flexible
629	Carlisle Avenue	Roper Road, Colyton	Woodstock Avenue, Mount Druitt	3.82	18.46	4	Flexible
629	Woodstock Avenue	Woodstock Avenue, Mount Druitt	Duke Street, Plumpton	1.15	2.3	4	Flexible
630	Castlereagh Road	Jane Street, (MR 155), Penrith	Coreen Avenue, Penrith	0.781	1.562	2	Rigid

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Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
630	Castlereagh Road	Jane Street, (MR 155), Penrith	Cranebrook Road, Penrith	2.205	8.898	2	Flexible
630	Castlereagh Road Relocation	Cranebrook Road, Olive Road, Cranebrook	Cranebrook Road, Cranebrook	1.782	3.564	2	Flexible
630	Cranebrook Road	Castlereagh Road, Penrith	The Northern Road, (SA 630), Llandilo	4.675	10.192	2	Flexible
630	Londonderry Road	The Northern Road, Cranebrook Road (SA 630), Llandilo	The Driftway, Hawkesbury	7.385	14.77	2	Flexible
630	Paget Street	Londonderry Road, The Driftway, Hawkesbury	Lennox Street, (SR 2063), Richmond	2.9	5.8	2	Flexible
635	Old Windsor Road	Hart Drive (SH 13), Northmead	Fitzwilliam Road, Wentworthville	1.28	3.84	5	Flexible
635	Old Windsor Road	Hart Drive (SH 13), Northmead	Abbott Road (MR 644), Blacktown	3.52	17.999	5	Rigid
635	Old Windsor Road	Abbott Road (MR 644), Blacktown	Seven Hills Road, Bella Vista	0.856	3.42	4	Rigid
635	Old Windsor Road	Seven Hills Road, Bella Vista	Windsor Road (MR 184), (MR 635), Kellyville	6.441	26.704	4	Flexible
642	Blacktown Road	Wall Park Avenue (MR 644), Blacktown	Main Street, Marcel Crescent, Blacktown	0.55	3.3	4	Flexible
642	Main Street	Marcel Crescent, Blacktown	Sunnyholt Road, Blacktown	0.35	2.061	4	Flexible
642	Sunnyholt Road	Main Street, Blacktown	Old Windsor Road, (SA 642), Kellyville	6.675	29.02	4	Flexible
642	Burns Road	Old Windsor Road, Sunnyholt Road, Parklea	Parramatta-Mungarie Park Transitway, Kellyville	0.119	0.393	4	Flexible
642	Burns Road	Parramatta-Mungarie Park Transitway, Kellyville	Memorial Avenue, Balmoral Road, Kellyville	1.471	2.942	3	Flexible
642	Memorial Avenue	Balmoral Road, Kellyville	Windsor Road, Nr Kellyville	0.63	1.72	3	Flexible

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Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
643	Bungarribee Road	Blacktown Road (MR 644), Blacktown	Reservoir Road, Blacktown	1.843	7.752	3	Flexible
643	Richmond Road	Balmoral Road, Third Avenue, Blacktown	Falmouth Road, Quakers Hill	3.227	13.192	4	Flexible
643	Richmond Road	Lyton Street (MR 643), Doonside	Rooty Hill Road North / M7 Ramps, Dean Park	5.134	20.82	4	Rigid
644	Ponds Road	Great Western Highway, W/B Exit To Ponds Road (MR 644) B Cwy, Prospect	Ponds Road, End Div Cway, Prospect	0.156	0.202	4	Rigid
644	Ponds Road	Ponds Road, End Div Cway, Prospect	Prospect Highway, Prospect	0.338	0.676	4	Flexible
644	Prospect Highway	Prospect Highway, W/B Off-Ramp From M4 Western Motorway, Prospect	Blacktown Road (RR 7150), Blacktown	1.595	3.702	4	Flexible
644	Blacktown Road	Blacktown Road (Rr7150), Blacktown	Wall Park Avenue (MR 644), Blacktown	1.901	6.454	4	Flexible
644	Wall Park Avenue	Blacktown Road, (MR 644), Blacktown	Seven Hills Road South (UI 5066), Seven Hills	1.169	4.876	4	Flexible
644	Seven Hills Road South	Wall Park Avenue, (UI 5066), Seven Hills	Best Road, Seven Hills	0.355	2.169	4	Flexible
644	Seven Hills Road North	Best Road, Seven Hills	Abbott Road, Station Road, Seven Hills	1.117	6.032	4	Flexible
644	Abbott Road	Station Road, Seven Hills	Old Windsor Road, (MR 644), Blacktown	1.471	7.247	4	Flexible
646	Hassall Street	Victoria Street (RR7234), Wetherill Park	Gipps Street, Roundabout Centre, Greystanes	0.7	2.8	3	Flexible
646	Gipps Street	Hassall Street Roundabout Centre, Greystanes	Greystanes Road, Merrylands Road Roundabout Centre, Greystanes	2.29	4.6	3	Flexible

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Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
646	Greystanes Road	Merrylands Road Roundabout Centre, Greystanes	Great Western Highway, Girraween	2.19	5.56	3	Flexible
647	Bringelly Road	Camden Valley Way, Cowpasture Road (MR 648), Horningsea Park	The Northern Road, (SA 647), Bringelly	10.113	20.226	3	Flexible
648	Cowpasture Road	Camden Valley Way, (MR 648), Leppington	Bringelly Road, (2Nd Occ) (MR 648), Leppington	1.24	2.48	3	Flexible
648	Cowpasture Road	Camden Valley Way, (MR 648), Horningsea Park	The Horsley Drive, Roundabout End, Horsley Park	11.957	48.542	4	Flexible
653	Power Street	M7 Westlink Ramp Off To Power Street, Rooty Hill	Rooty Hill Road North, Plumpton	0.518	2.072	3	Flexible
	Woodstock Avenue	M7 Westlink Ramp On From Woodstock Avenue, Rooty Hill	Rooty Hill Road North, Plumpton	0.734	2.95	3	Flexible
670	Bernera Road	M7 Westlink N/B Ramp On/Off Bernera Road, Prestons	Jedda Road, (RR7262), Prestons	0.266	1.052	3	Flexible
670	Jedda Road	Bernera Road (RR7262), Prestons	Hoxton Park Road, Joadja Road (RR 7262), Cartwright	0.823	3.292	3	Flexible
680	Queen Street	Campbelltown Road Campbelltown	Rudd Road, Hughes Street, Leumeah	0.14	0.28	3	Flexible
680	Rudd Road	Queen Street/ Hughes Street, Leumeah	Pembroke Road, O'Sullivan Road, Minto	0.589	1.178	3	Flexible
680	Pembroke Road	O'Sullivan Road, Minto	Minto Road, Pembroke Road (MR 680), Minto	4.459	11.498	3	Flexible
680	Minto Road	Pembroke Road (MR 680), Minto	Collins Promenade, Cumberland Road (Rr7198), Ingleburn	0.725	1.45	3	Flexible



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Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
680	Collins Promenade	Cumberland Road (RR7198), Ingleburn	Harold Street, Oxford Road, Macquarie Fields	1.994	3.988	3	Flexible
680	Harold Street	Oxford Road, Macquarie Fields	Canterbury Road, Victoria Road, Glenfield	3.255	10.08	3	Flexible
680	Canterbury Road	Victoria Road, Glenfield	Glenfield Road, (MR 680), Glenfield	2.156	7.364	3	Flexible
680	Glenfield Road	Canterbury Road (MR 680), Glenfield	Campbelltown Road (Hume Highway SH2), Glenfield	2.695	5.39	3	Flexible
681	Hoxton Park Road	Hume Highway, Terminus Street (MR 578), Liverpool	Cowpasture Road, Fifteenth Avenue, Preston	6.544	28.439	4	Flexible
683	Reservoir Road (M4 - Great Western Highway)	Off-Load Ramp To Reservoir Road, Blacktown	Great Western Highway, Reservoir Road & New F4 Access, Blacktown	0.678	1.357	4	Flexible
683	Reservoir Road	Great Western Highway, Reservoir Road & New F4 Access, Blacktown	Bungaribee Road, Blacktown	2.418	6.978	4	Flexible
683	Balmoral Street	Bungaribee Road, Reservoir Road, Blacktown	Richmond Road, Balmoral Road, Third Avenue, Blacktown	1.149	4.58	4	Flexible
683	Third Avenue	Richmond Road, Balmoral Road, Blacktown	Sunnyholt Road, Blacktown	0.801	3.2	4	Flexible
685	Grove Avenue (Hawkesbury Valley Way)	Windsor Road, Windsor	Hawkesbury Valley Way, Windsor	0.504	1.008	4	Flexible
685	Hawkesbury Valley Way	Groves Avenue, Windsor	Macquarie Street, Richmond Road (SA 184), Windsor	2.605	5.754	4	Flexible
686	Beech Road	Camden Valley Way (SH2)-E/B Kb, Prestons	Bridge Over M5 Abt1, Casula	0.738	2.752	3	Flexible
687	Schofields Road	Windsor Road, Kellyville	Hambledon Road, Schofields	2.644	5.288	3	Flexible

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Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
690	Norwest Bvd	M7 Ramp Off To Norwest Blvd, Kings Langley	Windsor Road, Baulkham Hills	3.107	12.408	4	Flexible
691	Seven Hills Road North	Abbott Road (MR 644), Seven Hills	Old Windsor Road, Seven Hills Road, Bella Vista	1.524	6.406	4	Flexible
6004	M4 Western Motorway	M4 Motorway, Ramp Off To Coleman Street, Mays Hill	Great Western Highway, Governors Drive, Lapstone	37.059	183.725	6	Flexible
6004	M4 Western Motorway	M4 Motorway, Ramp On From Roper Road, Colyton	Great Western Highway, Governors Drive, Lapstone	17.399	48.69	6	Rigid
6005	M5 South Western Motorway	Ramp On From Moorebank Avenue, South Western Freeway (M5), Moorebank	M5 South Western Motorway, Ramp On From Hume Highway, Liverpool	0.581	3.666	6	Rigid
8001	Patrick Street	Bungarribee Road, TW 8001, Blacktown	Richmond Road (Buses &Taxis Only), Main Street, Blacktown	0.935	2.844	4	Rigid
8001	Richmond Road (Buses &Taxis Only)	Richmond Road (Buses &Taxis Only), Main Street, Blacktown	Richmond Road, Centre Bus Lane To Interchange &Stn, Blacktown	0.212	0.424	4	Rigid
8002	Bus Terminal	South End Of Liverpool Bus Terminal, Liverpool	Moore Street, Liverpool Bus Terminal, Liverpool	0.203	0.203	3	Rigid
8002	Liverpool Bus Terminal	South End Of Liverpool Bus Terminal, Liverpool	Moore Street, Liverpool Bus Terminal, Liverpool	0.209	0.209	3	Rigid
8002	Moore Street	Liverpool Bus Terminal, Liverpool	LPT Transitway (TW8002), Liverpool	1.296	2.148	3	Flexible
8002	Hoxton Park Road	LPT Transitway, Liverpool	Flowerdale Road (RR 7266), Liverpool	0.173	0.346	3	Flexible
8002	Hoxton Park Road	Flowerdale Road (RR 7266), Liverpool	LPT Transitway, Hinchbrook	3.506	7.012	3	Flexible

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Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
8002	Canley Vale Road	The Horsley Drive, Wetherill Park	Victoria Street, Wetherill Park	0.772	1.544	3	Flexible
8002	Victoria Street	Canley Vale Road, Wetherill Park	LPT Transitway, Wetherill Park	1.164	2.316	3	Flexible
8002	LPT Transitway	Moore Street, (TW8002), Liverpool	Fairfield Road, Woodpark	16.446	32.892	3	Flexible
8002	Fairfield Road	LPT Transitway, Woodpark	Woodpark Road, Old Guildford	0.431	0.862	3	Flexible
8002	Woodpark Road	Fairfield Road, Old Guildford	Sherwood Road, Bristol Street, Merrylands West	0.358	0.709	3	Flexible
8002	Sherwood Road	Bristol Street, Merrylands West	Merrylands Road, Centenary Road, Mays Hill	0.895	1.789	3	Flexible
8002	Centenary Road	Merrylands Road, Mays Hill	Old Prospect Road, South Wentworthville	1.716	3.431	3	Flexible
8002	Old Prospect Road	Centenary Road, South Wentworthville	Great Western Highway, Old Prospect Road (Actual), South Wentworthville	0.379	0.758	3	Flexible
8002	Great Western Highway	Old Prospect Road (Actual), South Wentworthville	Pitt Street (SR 2098), Mays Hill	2.273	4.549	3	Flexible
8002	Pitt Street	Great Western Highway (SR 2098), Mays Hill	Argyle Street, Mays Hill	0.333	0.665	3	Flexible
8002	Argyle Street	Pitt Street, , Mays Hill	Railway Over Bridge, Parramatta	0.88	2.349	3	Flexible
8002	Station Street	Argyle Street, Railway Over Bridge, Parramatta	Darcy Street, Parramatta	0.23	0.46	3	Flexible
8005	Blacktown - Castle Hill Transitway	Entry To Blacktown Bus Terminal, Blacktown	Burns Road, Parramatta-Mungarie Park Transitway, Kellyville	6.988	13.976	2	Flexible
8007	Parramatta - Mungarie Park Transitway	Pitt Street, Argyle Street, Mays Hill	Windsor Road, Entry To Cemetery, Blacktown	16.352	31.429	2	Flexible

Road No.	Road Name	From	To	Approx. length (Road km)	Approx. length (Lane km)	Subnetwork Rank	Pavement Type
		Liverpool Road, Woodville Road (MR 640), Villawood	Copeland Street, Orange Grove Road (SH 13), Liverpool	5.759	33.779	5	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.	Road Name	From	To	Side	Approx. area (m <sup>2</sup> )
<b>SYDNEY WEST ZONE</b>					
2	Hume Highway	Campbelltown Road 1st Crossing	Nepean River		191000
2	Hume Highway	Lansdowne Bridge	The Cross Roads		140493
2	Hume Highway	Freeway Ramps Hume Highway	Campbelltown Road		6800
5	Great Western Highway	Guard Rails W/B & E/B Between Mount Street, Glenbrook	Mt York Road. Mt Victoria. (Control Grass Under G/Rail By Weed Spraying)	Under G/Rail	22500
5	Great Western Highway	Medians W/B & E/B Between Mount Street, Glenbrook	Mt York Road. Mt Victoria.	Medians	38,375
5	Great Western Highway	Verges W/B & E/B Between Mount Street, Glenbrook	Darling Causeway. Mt Victoria.	Verges	52,734
13	Cumberland Highway	Hume Highway	Great Western Highway		83027
154	George Street	Rifflerange Road	Blacktown Road		4500
154	Northern Road	Camden Valley Way	Bringelly Road		40050
154	Northern Road	Narellan Road	The Old Northern Road		17665
160	Old Northern Road	Galston Road	Wiseman's Ferry Road		30000
177	Appin Road	Copperfield Road	Ben Lomond Road		114000
177	Campbelltown Road & Appin Road	Crossroads	Wollondilly Shire Boundary	Verge	26500
177	Campbelltown Road & Appin Road	Crossroads	Wollondilly Shire Boundary Guard Rail		12200
178	Narellan Road	Camden Valley Way	Appin Road		69400
181	Pitt Town Road	Windsor Road	Old Northern Road		115000
182	Wilberforce Road	Windsor River	King Road		21200
184	Bells Line Of Road	Hawkesbury River	Darling Causeway		43600

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Road No.	Road Name	From	To	Side	Approx. area (m <sup>2</sup> )
184	Darling Causeway	Median At Intersection At Bells Line Of Road		Medians	1,010
184	Darling Causeway	Verge + Guard Rail N/B & S/B Great Western Highway	Bells Line Of Road ( Grass Control By Weed Spray )	Verges	36,000
184	Hawkesbury Valley Way	Percival Street	Racecourse Road		9000
184	Windsor Road	Annangrove Road	Rouse Road, Rouse Hill		2700
184	Windsor Road	Boundary Road	Junction Road, Vineyard		2100
184	Windsor Road	Blackwood Road	Chapman Road, Vineyard		600
184	Windsor Road	Chapman Road	Victoria Road, Vineyard		900
184	Windsor Road	Curtis Avenue	Grove Avenue, McGraths Hill		90
184	Windsor Road	Garfield Road	Nelson Road, Box Hill		3600
184	Windsor Road	Groves Avenue	Henry Road, McGraths Hill		200
184	Windsor Road	Nelson Road	Annangrove Road, Box Hill		11700
184	Windsor Road	Old Windsor Road	Samantha Riley Drive, Kellyville		1720
184	Windsor Road	Poole Road	Acres Road, Kellyville		1160
184	Windsor Road	Samantha Riley Drive	Poole Road, Kellyville		560
184	Windsor Road	Victoria Road	Boundary Road, Vineyard		1200
503	Putty Road	King Road	End Of Hawkesbury, Boundary		238000
535	Elizabeth Drive	Smithfield Road	Wilson Road		8875
535	Elizabeth Drive	At Park Road			13130
537	Blacktown Road	George Street	Bourke Street		4650
537	Richmond Road	South Creek	George Street		28900
570	Castlereagh Road	Inalls Lane	Springwood Road		7600
570	Hawkesbury Road	Guard Rail N/B & S/B Hawkesbury Lookout	Hawkesbury Council Boundary. (Grass Control Is Weed Spray)	Under G/Rail	3,680
570	Hawkesbury Road	Verge N/B & S/B Between White Cross Road	Hawkesbury Lookout	Verges	11,500
570	Springwood Road	Castlereagh Road	Shaws Creek		36000
609	Horsley Drive	Hume Highway	Wallgrove Road		76708
609	Horsley Drive	Including Victoria Street. Cumberland Highway	Hassal Street		3000
620	Camden By Pass	Narellan Road	Council Boundary To Macarthur Bridge		37000
620	Camden By Pass	Southern Side Of Macarthur Bridge			2000
620	Camden Valley Way	The Cross Roads	Narellan Road		10200

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Road No.	Road Name	From	To	Side	Approx. area (m <sup>2</sup> )
620	Camden Valley Way	Camden Valley Way B/W The Cross Roads And Narellan Road			17653
620	Camden Valley Way	Narellan Road	Denham Court Road		
635	Old Windsor Road	Balmoral	Celebration Drive, Norwest		3600
635	Old Windsor Road	Caroline Chisholm Drive	Old Toongabbie Creek, Old Toongabbie		9620
635	Old Windsor Road	Caroline Chisholm Drive	The Crib Wall, Old Toongabbie		2420
635	Old Windsor Road	Celebration Drive	Norwest Blvd, Norwest		720
635	Old Windsor Road	Gibbons Road	Caroline Chisholm Road, Winston Hills		2100
635	Old Windsor Road	Gibbons Road	Caroline Chisholm Road, Winston Hills On Verge		6600
635	Old Windsor Road	Hammer Road	Cumerland Highway, Constitution Hill On Verge		4500
635	Old Windsor Road	Hammer Road	Cumerland Highway, Constitution Hill Behind Sound Wall		6500
635	Old Windsor Road	Samantha Riley Drive	Sunnyholt Road		7040
635	Old Windsor Road	Samantha Riley Drive	Sunnyholt Road		1300
635	Old Windsor Road	Seven Hills Road	Valarie Road, Baulkham Hills		1200
647	Bringelly Road	Camden Valley Way	The Northern Road		14400
648	Cowpasture Road	The Horsley Drive	Camden Valley Way		51970
648	Cowpasture Road South	Camden Valley Way	Bringelly Road		4100
680	Pembroke	Durham Street	Ben Lomond Road		4900
681	Hoxton Park Road	Hume Highway	Cowpasture Road		21265
686	Beech Road	At Darcy Street Casula			1575
6005	South Western Freeway	West Bound Off Ramp From M5	Hume Highway		21000
	Cycleway	Military Road To Albert Street Guildford & Prospect Dam to Horsley Drive			7454

### 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
<b>SYDNEY WEST ZONE</b>				
	None Identified			

### 3.2.3 Landscaped Areas

Road No.	Road Name	From	To	Side	Approx. area or width(m <sup>2</sup> )
<b>SYDNEY WEST ZONE</b>					
2	Hume Highway	At Bourke Street		Median	40
13	Cumberland Highway	Brenan Street	Horsley Drive	Median	710
13	Cumberland Highway	Grimson Close	Obrien Parade	Median	1000
13	Cumberland Highway	Kenyons Bridge	Woodpark Road	Median/Verge	7045
13	Cumberland Highway	Merrylands Road	Old Prospect Road	Median & Verge	2927
13	Cumberland Highway	Woodpark Road	Merrylands Road	Median	1506
154	Northern Road	At Fairwater Drive		Roundabout	150
154	Northern Road	At Hillside Drive		Roundabout	100
177	Campbelltown Road	At Denham Court Road		Roundabout	50
178	Narellan Road	W/B 150m South Of Camden Valley Way		Verge	150
184	Windsor Road	Annangrove Road	Rouse Road Rouse Hill		7910
184	Windsor Road	Blackwood Road	Chapman Road Vineyard		3780
184	Windsor Road	Brennan Dam Road	Level Crossing Road Vineyard		1620
184	Windsor Road	Chapman Road	Victoria Street Vineyard		3780
184	Windsor Road	Commercial Road	Schofields Road Rouse Hill		1380
184	Windsor Road	Curtis Road	Groves Avenue McGraths Hill		390
184	Windsor Road	Garfield Road	Nelson Road Box Hill		8100
184	Windsor Road	Groves Avenue	Henry Road McGraths Hill		200

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Road No.	Road Name	From	To	Side	Approx. area or width(m <sup>2</sup> )
<b>SYDNEY WEST ZONE</b>					
184	Windsor Road	Henry Road	Brennan Dams Road McGraths Hill		1720
184	Windsor Road	Junction Road	Garfield Road Vineyard		1800
184	Windsor Road	Level Crossing Road	Blackwood Road Vineyard		4200
184	Windsor Road	Merriville Road	Old Windsor Road Rouse Hill		1320
184	Windsor Road	Mulgrave Road	McGraths Road McGraths Hill		180
184	Windsor Road	Mulgrave Road	Curtis Road McGraths Hill		1620
184	Windsor Road	Nelson Road	Annangrove Road Box Hill		15860
184	Windsor Road	Rouse Road	Commercial Road Rouse Hill		2940
184	Windsor Road	Schofields Road	White Hart Road Rouse Hill		1700
184	Windsor Road	Victoria Street	Boundary Road Vineyard		2520
184	Windsor Road	White Hart Road	Merriville Road Rouse Hill		9600
534	Cabramatta Road	At Cumberland Road		Median	200
535	Elizabeth Drive	Cabramatta Road	Speed Camera	Median	366
535	Elizabeth Drive	Smithfield Road	Wilson Road	Median	748
537	Richmond Road	Roundabout At George Street South Windsor			200
609	Horsley Drive	At Wetherill Street		Roundabout	150
609	Horsley Drive	Elizabeth Street	Mimosa Road	Median	2460
609	Victoria Street	100m East Of Walter Street		Median	400
609	Victoria Street	At Hassall Street Lights		Median	1600
620	Camden By Pass	From Narellan Road S/B		Verge	3750
620	Camden Valley Way	Bridge Over M5	Bernera Road	Median	7000
635	Old Windsor Road	Balmoral Road	Celebration Drive Norwest		10320
635	Old Windsor Road	Corner Of Cumberland Highway Constitution Hill			900



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Road No.	Road Name	From	To	Side	Approx. area or width(m <sup>2</sup> )
<b>SYDNEY WEST ZONE</b>					
635	Old Windsor Road	Seven Hills Road	Valerie Avenue Baulkham Hills		4290
635	Old Windsor Road	Sunnyholt Road	Balmoral Road Bella Vista		5000
635	Old Windsor Road	Truck Stop 0.8 Km North Of Annangrove Road N/B Box Hill			880
635	Old Windsor Road	Windsor Road	Samantha Riley Drive Kellyville		3040
648	Cowpasture Road	At Camden Valley Way		Median / Islands	1580
648	Cowpasture Road	At Edensor Road		Median	
648	Cowpasture Road	Joshua Moore Drive	Greenway Drive	Median	5600
648	Cowpasture Road	North Liverpool Road	M7	Median	16030
685	Hawkesbury Valley Way	Macquarie Street	Days Road Windsor		440
686	Beech Road	Hume Highway	Pine Road	Median	1050
6004	M4	Coleman Street	Prospect Highway & Ramps	Verge	19360
8002	Transitway	Gill Avenue	Banks Road	Median	2860

**3.2.4 Boundary Fencing (Chainwire & Rural Fencing)**

Road No.	Road Name	Location		Lengths
<b>SYDNEY WEST ZONE</b>				
2	Hume Highway	Opposite Beech Road	S/B	1000m
2	Hume Highway	200m South Of Beech Road	S/B	260m
2	Hume Highway	Street Andrews Road To Campbelltown Road	S/B	2310m
2	Hume Highway	Campbelltown Road To Badgally Road	N/B&S/B	5000m
2	Hume Highway	Beech Road To Nepean River	S/B&N/B	31120m
5	Great Western Highway	Mt Boyce Heavy Vehicle Station To Browntown Oval	W/B	1110m
5	Great Western Highway	Victoria Fall Road To Heavy Vehicle Station	E/B	580m
609	Horsley Drive	Cunninghame Street To Loscoe Street	W/B&E/B	209m
620	Camden By Pass	Richardson Road To Narellan Road	N/B	250m
620	Camden By Pass	From Narellan Road To Macarthur Drive	S/B&N/B	3150m
681	Hoxton Park Road	Flowerdale Road To Hill Road	W/B&E/B	750m
6004	M4	Governors Drive To Russell Street	E/B	600m
6004	M4	Russell Street To Nepean River	E/B	650m

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

Road No.	Road Name	Location	Lengths
6004	M4	Nepean River To Mulgoa Road	E/B 780m
6004	M4	Mulgoa Road To Northern Road	E/B 3250m
6004	M4	Northern Road To Kingwood Road	E/B 1600m
6004	M4	Kingwood Road To Kent Road	E/B 2900m
6004	M4	Kent Road To South Creek	E/B 950m
6004	M4	South Creek To Mamre Road	E/B 530m
6004	M4	Mamre Road To Bennett Road	E/B 1700m
6004	M4	Bennett Road To Roper Road	E/B 1600m
6004	M4	Roper Road To Ropes Creek	E/B 300m
6004	M4	Ropes Creek To Archbold Road	E/B 1000m
6004	M4	Archbold Road To M7 On Ramp	E/B 2000m
6004	M4	M7 On Ramp To Brabham Drive	E/B 800m
6004	M4	Brabham Drive To Service Centre	E/B 1100m
6004	M4	Service Centre To Reservoir Road	E/B 600m
6004	M4	Reservoir Road To Prospect Highway	E/B 1700m
6004	M4	Prospect Highway To Coleman Street	E/B 4800m
6004	M4	Coleman Street To Clunies Ross Road	W/B 5200m
6004	M4	Prospect Highway To Reservoir Road	W/B 1800m
6004	M4	Reservoir Road To Service Centre	W/B 800m
6004	M4	Service Centre To Brabham Drive	W/B 800m
6004	M4	Brabham Drive To M7 On Ramp	W/B 350m
6004	M4	Wallgrove Road To Archbold Road	W/B 2900m
6004	M4	Archbold Road To Ropes Creek	W/B 1050m
6004	M4	Roper Road To Bennett Road	W/B 1600m
6004	M4	Bennett Road To Mamre Road	W/B 1600m
6004	M4	Mamre Road To South Creek	W/B 460m
6004	M4	South Creek To Kent Road	W/B 1350m
6004	M4	Kent Road To Kingwood Road	W/B 2700m
6004	M4	Kingwood Road To Northern Road	W/B 1700m
6004	M4	Northern Road To Mulgoa Road	W/B 2020m
6004	M4	Mulgoa Road To Nepean River	W/B 1200m
6004	M4	Nepean River To Russell Street	W/B 650m
6004	M4	Russell Street To Governors Drive	W/B 700m
6004	M4	Clunies Ross Road To Prospect Highway	W/B 1000m
6004	M4	Prospect Highway To Greystanes Road	E/B 1600m

**3.2.5**

**3.2.6 Fauna Fencing**

Road No.	Road Name	Location	Lengths
<b>SYDNEY WEST ZONE</b>			
	Nil Inventory		

**3.2.7 Noise Barriers**

Wall Id.	Road Name / Description	Type	Material	Height	Length
<b>SYDNEY WEST ZONE</b>					
W00022	M4 South Wentworthville, Westbound, Pear	POST AND PANEL	REINFORCED CONCRETE	2.2	575
W00023	M4 South Wentworthville, Westbound, Alle	INTERLOCKING UNITS	REINFORCED CONCRETE	2	84
W00024	M4 South Wentworthville, Westbound, Bridge O	INTERLOCKING UNITS	REINFORCED CONCRETE	2.1	31
W00025	M4 South Wentworthville, Westbound, Alle	INTERLOCKING UNITS	REINFORCED CONCRETE	2	88
W00026	M4 South Wentworthville, Westbound, Alle	MASONRY	CONCRETE BLOCK	2	25
W00027	M4 South Wentworthville, Westbound, Alle	MASONRY	CONCRETE BLOCK	2.4	123
W00028	M4 South Wentworthville, Westbound, Alle	MASONRY	CONCRETE BLOCK	2	20
W00031	M4 South Wentworthville, Eastbound, Barfi	OTHER	BRICK	2.1	48
W00032	M4 South Wentworthville, Eastbound, Barfi	OTHER	BRICK	1.9	13
W00033	M4 South Wentworthville, Eastbound, Flore	INTERLOCKING UNITS	REINFORCED CONCRETE	1.9	178
W00034	M4 South Wentworthville, Eastbound, Bridge O	INTERLOCKING UNITS	REINFORCED CONCRETE	2	32
W00035	M4 South Wentworthville, Eastbound, Old	INTERLOCKING UNITS	REINFORCED CONCRETE	1.9	30
W00036	M4 South Wentworthville, Westbound, Alle	INTERLOCKING UNITS	REINFORCED CONCRETE	1.9	29
W00037	M4 South Wentworthville, Westbound, Bridge O	INTERLOCKING UNITS	REINFORCED CONCRETE	2	32
W00038	M4 South Wentworthville, Westbound, Old	INTERLOCKING UNITS	REINFORCED CONCRETE	1.9	29
W00039	M4 South Wentworthville, Westbound, Old	MASONRY	CONCRETE BLOCK	1.6	17
W00040	M4 South Wentworthville / Off ramp to Eme	MASONRY	CONCRETE BLOCK	2.4	288

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Wall Id.	Road Name / Description	Type	Material	Height	Length
W00064	Cumberland Highway, Greystanes, Adler Parade	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3	230
W00065	Cumberland Highway, Greystanes, Jersey Road to Merry	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.6	402
W00078	Hume Highway Campbelltown, St Andrews / Wdbn, Campbelltown	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.5	2250
W00083	Hume Highway, Blairmount, Exmoor Place, Wall1	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3	64
W00084	Hume Highway, Blairmount, Exmoor Place, Wall2	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.8	236
W00085	Hume Highway, Eagle Vale, Gould Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3	304
W00086	Hume Highway, St Andrews, Lochalsh Street to St Andrew Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.2	456
W00087	Hume Highway, Street Andrews, St Andrew Road to Raby Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.2	1885
W00088	Hume Highway, Warrick Farm, Hinkler Avenue	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.6	300
W00135	Betts Road, Woodpark (Sydney Water Canal Wdpar)	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3	207
W00136	Betts Road, Woodpark (Wdprk Road to Liverpool Parramatta Trans	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3	430
W00137	Camden Bypass, Ramp off Narellan Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	2.7	1282
W00139	Camden Valley Way, Preston, Brooman Street	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.5	110
W00140	Camden Valley Way, Prestons, Camden Valley Way	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.2	41
W00149	Cowpasture Road, Abbotsbury, Gleeson Place	PRE-FABRICATED	REINFORCED CONCRETE	2.3	185
W00152	Cowpasture Road, Abbotsbury, Kingston PIW2	PRE-FABRICATED	REINFORCED CONCRETE	2.3	47
W00153	Cowpasture Road, Abbotsbury, Mariners Creek	PRE-FABRICATED	REINFORCED CONCRETE	4	350

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Wall Id.	Road Name / Description	Type	Material	Height	Length
W00154	Cowpasture Road, Abbotsbury, Stockdale Creek, W1	PRE-FABRICATED	REINFORCED CONCRETE	2.3	32
W00155	Cowpasture Road, Abbotsbury, Wylde Creek	PRE-FABRICATED	REINFORCED CONCRETE	4	266
W00156	Cowpasture Road, BH, Glcster Street North Liverpool Road, W1	PRE-FABRICATED	REINFORCED CONCRETE	3	320
W00157	Cowpasture Road, BH, Glcster Street North Liverpool Road, W2	PRE-FABRICATED	REINFORCED CONCRETE	3	256
W00158	Cowpasture Road, Bonnyrigg Heights, Marley Creek	PRE-FABRICATED	REINFORCED CONCRETE	2.5	122
W00159	Cowpasture Road, Bossley Park, Ben Lomond Street, W1	PRE-FABRICATED	REINFORCED CONCRETE	2.5	246
W00160	Cowpasture Road, Bossley Park, Ben Lomond Street, W2	PRE-FABRICATED	REINFORCED CONCRETE	2.5	198
W00161	Cowpasture Road, Bossley Park, Glen Elgin Creek, W1	PRE-FABRICATED	REINFORCED CONCRETE	2.5	186
W00162	Cowpasture Road, Bossley Park, Glen Elgin Creek, W2	PRE-FABRICATED	REINFORCED CONCRETE	2.5	343
W00163	Cowpasture Road, Bossley Park, Heysen Street	PRE-FABRICATED	REINFORCED CONCRETE	2.5	110
W00164	Cowpasture Road, Bossley Park, Kempsey Place	PRE-FABRICATED	REINFORCED CONCRETE	3	122
W00165	Cowpasture Road, Bossley Park, Lismore Close	PRE-FABRICATED	REINFORCED CONCRETE	3	180
W00166	Cowpasture Road, Bossley Park, Pendlebury Place	PRE-FABRICATED	REINFORCED CONCRETE	2.5	310
W00167	Cowpasture Road, Bossley Park, Quarry Road	PRE-FABRICATED	REINFORCED CONCRETE	2.5	106
W00168	Cowpasture Road, Bossley Park, Restwell Road	PRE-FABRICATED	REINFORCED CONCRETE	2.5	50
W00169	Cowpasture Road, Bossley Park, Silky Close	PRE-FABRICATED	REINFORCED CONCRETE	2.5	86

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Wall Id.	Road Name / Description	Type	Material	Height	Length
W00170	Cowpasture Road, Bossley Park, Tallowood Creek	PRE-FABRICATED	REINFORCED CONCRETE	2.5	179
W00171	Cowpasture Road, Cecil Hills, Davina Creek	PRE-FABRICATED	REINFORCED CONCRETE	3	251
W00172	Cowpasture Road, Cecil Hills, Edinburgh Creek	PRE-FABRICATED	REINFORCED CONCRETE	3	444
W00173	Cowpasture Road, Cecil Hills, Fredericle Road	PRE-FABRICATED	REINFORCED CONCRETE	3	292
W00174	Cowpasture Road, Edensor Park, Mataro Place	PRE-FABRICATED	REINFORCED CONCRETE	2.3	64
W00175	Cowpasture Road, Edensor Park, Merlot Place W1	PRE-FABRICATED	REINFORCED CONCRETE	2.5	100
W00176	Cowpasture Road, Edensor Park, Merlot Place W2	PRE-FABRICATED	REINFORCED CONCRETE	2.5	82
W00178	Cumberland Highway, Greystanes, Adler Parade, W	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3	12
W00179	Cumberland Highway, Greystanes, Maylands Road Adler	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	1.8	102
W00181	Elizabeth Drive, Abbotsbury, Kiernan Creek	PRE-FABRICATED	REINFORCED CONCRETE	2.6	158
W00182	Elizabeth Drive, Bnrg, Hasluck Road to Gregorace Place	PRE-FABRICATED	REINFORCED CONCRETE	3	80
W00183	Elizabeth Drive, Bnrg, Janacek Place, W1	PRE-FABRICATED	REINFORCED CONCRETE	3	50
W00184	Elizabeth Drive, Bnrg, Janacek Place, W2	PRE-FABRICATED	REINFORCED CONCRETE	3	38
W00185	Elizabeth Drive, Bnrg, Kinghorne Road, Wall1	PRE-FABRICATED	REINFORCED CONCRETE	3	84
W00186	Elizabeth Drive, Bnrg, Kinghorne Road, Wall2	PRE-FABRICATED	REINFORCED CONCRETE	3	302
W00187	Elizabeth Drive, Bnrg, Montgomery Road to Hasluck Road	PRE-FABRICATED	REINFORCED CONCRETE	3	375
W00188	Elizabeth Drive, Bnrg Heights, Marley Creek	PRE-FABRICATED	REINFORCED CONCRETE	3	218
W00189	Elizabeth Drive, Bnrg Heights, Aplin Road	PRE-FABRICATED	REINFORCED CONCRETE	3	120

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Wall Id.	Road Name / Description	Type	Material	Height	Length
W00190	Elizabeth Drive, Bonnyrigg, Brown Road to Merinda Place	PRE-FABRICATED	REINFORCED CONCRETE	2.6	165
W00191	Elizabeth Drive, Bonnyrigg, Dangin Close to Brown Road	PRE-FABRICATED	REINFORCED CONCRETE	2.6	208
W00192	Elizabeth Drive, Bonnyrigg, Keeden Place to Eloura Place	PRE-FABRICATED	REINFORCED CONCRETE	2.6	122
W00193	Elizabeth Drive, Bonnyrigg, Merinda Place to Nichola	PRE-FABRICATED	REINFORCED CONCRETE	2.6	104
W00194	Elizabeth Drive, Bonnyrigg, Nicholas Close to Wellar	PRE-FABRICATED	REINFORCED CONCRETE	2.6	105
W00195	Elizabeth Drive, Bonnyrigg, Wellard Place to Keeden P	PRE-FABRICATED	REINFORCED CONCRETE	2.6	96
W00196	Elizabeth Drive, Bonnyrigg High School, W1	PRE-FABRICATED	REINFORCED CONCRETE	2.6	136
W00197	Elizabeth Drive, Bonnyrigg High School, W2	PRE-FABRICATED	REINFORCED CONCRETE	2.6	80
W00198	Elizabeth Drive, Edensor Park, Bernoth Place to Macken C	PRE-FABRICATED	REINFORCED CONCRETE	3	394
W00199	Elizabeth Drive, Edensor Park, Roycrof Place	PRE-FABRICATED	REINFORCED CONCRETE	2.6	130
W00200	Elizabeth Drive, Edensor Park, Timms Cl to Marciano Cl	PRE-FABRICATED	REINFORCED CONCRETE	2.6	298
W00209	Hume Highway, Ramon Brook Road, Denham Court	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.6	190
W00210	Hume Highway, Ramon M5, Liverpool (corner)	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4	17
W00211	Hume Highway / Liverpool Road (T junction Orange Grove Rd)	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	2.6	96
W00213	Kurrajong Road, Lurnea, Robinson Cl	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3	154
W00216	M5, Casula, Brigalow Avenue	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3	254
W00217	M5, Casula, Carnation Avenue	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.2	560

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Wall Id.	Road Name / Description	Type	Material	Height	Length
W00219	M5, Casula, Macadamia Street, W1	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.2	72
W00220	M5, Casula, Macadamia Street, W2	MOUND	EARTH	4.2	175
W00221	M5, Casula, Macadamia Street, W3	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.2	82
W00222	M5, Casula, Mapple Road - M7	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	5	730
W00223	M5, Casula, Melaleuca Place	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.8	245
W00224	M5, Casula, Tully Avenue	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.2	550
W00227	M5, Kurrajong To Box Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3	608
W00238	M5 East Bound, Box Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3	25
W00243	M5 Eastbound, after Kurrajong Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.2	575
W00248	M5 Westbound, Casula, Grove Street, W1	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.2	58
W00249	M5 West Bound, Casula, Grove Street, W2	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.2	362
W00251	Moore-Oxley Bypass, Campbelltown	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.6	340
W00262	Ramp Off M5 to Hume Highway, Casula	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.2	422
W00274	Ramp On M5 from Hume Highway (EB) Liverpool (corner)	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.6	105
W00275	Ramp On M5 from Hume Highway, W2	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.2	95
W00283	Transitway, Bonnyrigg Heights, Childers Street	MOUND	EARTH	2.1	340
W00284	Transitway, Bonnyrigg Heights, Kinghorne Road	MOUND	EARTH	2.1	353
W00286	Transitway, Wetherill Park, 580m from Gipps Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	4.7	80
W00287	Transitway, Woodpark, Sandra Street, Wall1	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3	57
W00288	Transitway, Woodpark, Sandra Street, Wall2	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3.7	460
W00289	Transitway, Woodpark, Warren Road	POST AND PANEL	LIGHTWEIGHT CONCRETE PANEL	3	60



**3.2.8 Vacant Property**

Road No.	Road Name	Location	No. / Position of Properties	Approximate Area (m <sup>2</sup> )
<b>SYDNEY WEST ZONE</b>				
5	Great Western Highway	12 & 16 On W/B Off Load Ramp To Leura Mall, Leura	2	1,930
5	Great Western Highway	146 Great Western Highway, Wentworth Falls	1	600
5	Great Western Highway	213 Great Western Highway, Katoomba	1	1,700
5	Great Western Highway	309 Great Western Highway. Corner Henry Street. Lawson	1	2,903
5	Great Western Highway	317 Great Western Highway Lawson	1	900
5	Great Western Highway	320 Great Western Highway, Lawson	1	830
5	Great Western Highway	322 Great Western Highway. Lawson	1	2,035
5	Great Western Highway	326 Great Western Highway, Lawson.	1	612
5	Great Western Highway	328 Great Western Highway. Lawson	1	1,650
5	Great Western Highway	585 Great Western Highway Between Waters Street To Gibbs Street, Werrington.	2	15,306
5	Great Western Highway	Adjacent To No. 1 Taylor Road, Right Around To 1 Appian Way Woodford 12 Metres Wide Fire Break	1	2,735
5	Great Western Highway	Corner Great Western Highway & Charles Street Lawson	2	835
5	Great Western Highway	Corner Of Railway Parade And Great Western Highway Springwood. ( 2 Corner Blocks W/B )	2	630
5	Great Western Highway	Gipps Road Between Fowler Street To Chaddens Road, Claremont Meadows.	1	7,000
5	Great Western Highway	Great Western Highway Huntingwood Outside Crash Lab & Verge West Bound.	1	11,000
5	Great Western Highway	Great Western Highway. 2 Large Areas. Around Sediment Basin & Across Road Behind Guard Rail Area, Between Wentworth Street To Highland Street, Leura.	2	1,655
5	Great Western Highway	Great Western Highway. 2 Large Blocks Between Highland Street To Leura Mall, Leura.	2	4,360
5	Great Western Highway	Great Western Highway. 2 Large Grass Area Between King Road and East View Avenue, Leura.	2	3,365
5	Great Western Highway	Great Western Highway. Cut Grass Along Side Yellow Retaining Wall, In Fence Area Of Sediment Basin & Large Area Behind Sediment Basin Between Queen Road To King Road, Leura.	2	5,030

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Road No.	Road Name	Location	No. / Position of Properties	Approximate Area (m <sup>2</sup> )
5	Great Western Highway	Great Western Highway. Cut Grass Inside Old Compound Area & Around Old RTA Site Office, Down Hill To Road. Between East View Avenue To Wentworth Street, Leura.	3	2,610
5	Great Western Highway	Lot 1, Great Western Highway, Mt Victoria.	1	800
5	Great Western Highway	Lot 100,101 Great Western Highway Katoomba ( Between Whitton And Frelander	2	3,975
5	Great Western Highway	Meeks Cross Next To And Inside Sed/Basin	1	1967
5	Great Western Highway	No 31 Old Bathurst Road, Woodford	1	670
5	Great Western Highway	No: 282 & 283 Great Western Highway. Lawson	2	2,900
5	Great Western Highway	Station Street (Railway Parade), Medlow Bath.	1	1,200
5	Great Western Highway	The Cnr Of The Great Western Highway And Street Georges Creek Faulconbridge		850
5	Great Western Highway	Vacant Property At 215 Great Western Highway Katoomba	1	450
5	Great Western Highway	W/B Behind Concrete Dish Drain Opposite Mt. Boyce Checking Station	1	1,228
5	Great Western Highway	W/B Frank Simpson Park Opposite Mt Boyce Nursery.	1	6,500
155	Mulgoa Road	Mulgoa Road From Mulgoa Creek To Driveway No. 492 Mulgoa Road	1	6,626
155	Mulgoa Road	Mulgoa Road 300 Meters North Of Jerrys Creek, Wallacia.	1	4,380
184	Bells Line Of Road	No 1256 Bells Line Road Corner Douglas Road Kurrajong Heights	1	1,569
184	Darling Causeway	Darling Causeway West Of Cobbs Lane, Mt Victoria.	1	1,040
642	Sunnyholt Road	2 Blocks At Corner Of Sunnyholt Road & Fifth Avenue, Blacktown.	2	5,040
642	Sunnyholt Road	2 Large & 1 Small Block. South-West Corner Of Sunnyholt Road & M7, Entre From Rota Place & 5 & 11tagu Place Kings Park.	3	3,200
644	Prospect Highway	46 Seven Hills Road South, Seven Hills	1	800
644	Prospect Highway	Prospect Highway Road Reserve Between Blacktown Road To Seven Hills Road, Seven Hills. Ubd 189-C7	1	20,050
644	Prospect Highway	Vacant Property At The Corner Of Seven Hills Road & Abbott Road, Seven Hills.	2	1,760
6004	M4 Motorway	1 Leonay Parade, Leonay. RTA Vacant Property.	1	1000

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Road No.	Road Name	Location	No. / Position of Properties	Approximate Area (m <sup>2</sup> )
6004	M4 Motorway	Between Sound - Wall Mamre Road And Kunipipi Street. Chatsworth Street. Clair	1	3156
6004	M4 Motorway	Fire Break Around Stand Of Trees Corner Bedford Street & Forbes Street, Emu Plains	1	3,030
6004	M4 Motorway	Fire Break At Back Of Privet Property Bedford Street, Emu Plains	1	3,880
	M2 Road Reserve	Fire Break Lot 14/15 Tickners Road, Castlereagh.	1	2,642
	M2 Road Reserve	M2 Fire Break Cut 6m Wide Right To Fence Alignment. Behind Back Of Stockholm Avenue & Colebee Creek, Hassall Grove. Ubd 147-A13	1	7,500
	M2 Road Reserve	No 39 Smeeton Road, Castlereagh, 6m Firebreak.	1	6,600
	M2 Road Reserve	No. 34 Fourth Avenue, Llandilo, 6m Firebreak Down Both Sides Of RTA Property	1	4,006
	M2 Road Reserve	Vacant Property 112 Devlin Road, Alongside Driveway 121a Devlin Road, Castlereagh. Cut Fire Break 8m Wide. Ubd 123-E1	1	1,160
	M2 Road Reserve	Vacant Property At No 899 Castlereagh Road Castlereagh, Including 10m Firebreak To Be Cut Around Boundary Fence Of House Adjacent	1	2,000
	M2 Road Reserve	Vacant Property M2 At No 66 Stony Creek Road, Shanes Park. Ubd 145-K9.	1	7,000
	M7 Motorway	At End Burrows Grove, Dean Park. Ubd 147-E16	1	4,825
	M7 Motorway	Belfast Place Glendenning	1	6,258
	M7 Motorway	Cedarwood Place & Kathy Way. Dean Park. Ubd 147-F15	1	2,786
	M7 Motorway	Corner Of Quakers Road & Riley Place, Quakers Hill	1	16,140
	M7 Motorway	House Block @ 86 Skipton Lane, Prestons And Vacant Land Opposite No 39 Skiptons Lane, Prestons.	2	18,700
	M7 Motorway	Lot 10 Mavis Street Rooty Hill	1	7,500
	M7 Motorway	Lot 5 Mavis Street Rooty Hill	1	6,930
	M7 Motorway	Vacant Property Adjacent To M7, Trevor Toms Drive, Acacia Gardens.	1	5,000
	M7 Motorway	Vacant Property, Next To No's 27 Plumpton Road Plumpton	1	683

### 3.2.9 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:

RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
<b>SYDNEY WEST ZONE</b>										
16371	2	751	1.441	C	R	Fill	s/f, Br. Abut Nepean River Bridges/f-e/f WP9-10, 10m, 35o-40o	Soil	39	ARL5
16372	2	751	0.926	C	R	Fill	s/f s/f-e/f WP11-12, 8m, 30o	Soil	353	ARL5
16373	2	751	0.692	C	R	Cut	s/c s/c-e/c WP13-14	Rock	129	ARL5
16374	2	741	5.047	C	R	Cut	Cut s/c-e/c WP15-17, 8m, 40o (WyPt 016 - Menangle Rd. Br.)	Rock	405	ARL5
16375	2	741	3.296	C	R	Fill	s/f s/f-e/f WP19-21, 10m, 35o, loose, settlement, slump	Soil	729	ARL5
16376	2	741	2.900	C	R	Cut	s/c s/c-e/c WP22-24, 8m, 35o-40o	Rock	365	ARL5
16377	2	741	2.732	C	L	Bridge abutment	BrOv water supply channel WP25 [UBD(04)345J14]	Soil	29	ARL5
16378	2	741	2.561	C	R	Fill	s/f, BrOv water supply channel s/f-e/f WP26-27, 4m, 25o-30o	Soil	171	ARL5
16379	2	741	2.286	C	R	Fill	s/f	Soil	120	ARL5
16380	2	741	2.020	C	R	Fill	s/f, Jim Affleck Br. s/f-e/f WP29-30, 8m, 40o, sinkholes/voids	Soil	170	ARL5
16381	2	741	1.820	C	R	Cut	e/f & s/c s/c-e/c WP30-31, 8m, 40o WP30 about 2km to Narellan Rd exit	Both rock and soil	200	ARL5
16382	2	741	1.509	C	R	Fill	s/f s/f-e/f WP32-33, >10m, 35o,	Soil	264	ARL3
16383	2	741	1.253	C	R	Cut	s/c s/c-e/c WP34-35, 10m, 35o-40o	Both rock and soil	198	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
16384	2	741	0.926	C	R	Fill	e/c & s/f s/f-e/f WP35-36, 8m, 40o , WP35 near Tel #126 [UBD(04)345L8]	Soil	327	ARL3
16385	2	741	0.508	C	R	Cut	s/c s/c WP36, 7m, 20o-30o	Rock	418	ARL5
16386	2	730	0.038	C	R	Cut	s/c s/c-e/c 3m, 20o-35o , cracked drain near s/c	Both rock and soil	271	ARL5
16387	2	711	0.291	C	R	Cut	s/c s/c-e/c WP39-38-40	Rock	316	ARL3
16388	2	701	3.260	C	R	Cut	s/c s/c-e/c WP45-46, 7-8m, 20o-30o, noise wall	Rock	228	ARL4
16389	2	701	2.846	C	R	Cut	s/c, Tel #120 s/c-e/c WP49-50, 9-10m, 20o-30o , [UBD(04)326H14]	Rock	211	ARL5
16390	2	701	2.515	C	R	Fill	s/f s/f-e/f WP51-53, LHS Dobell Rd	Soil	283	ARL5
16391	2	701	1.177	C	R	Fill	s/f, Tel #118 s/f-e/f WP61-62, fill behind noise wall + clogged culvert, Tel #118 [UBD(04)326M10]	Soil	565	ARL4
16392	2	701	0.517	C	R	Cut	s/c s/c-e/c WP63-64, part of cut behind noise wall, WP63 about 600m to Tel #116	Rock	517	ARL4
16393	2	701	0.240	C	R	Structure above	s/c, Campbelltown Rd OvBr s/c-e/c WP65-66, cut adjoins Br.abut [UBD(04)326N7]	Soil	203	ARL4
16394	2	695	3.514	C	R	Cut	s/c s/c-e/c WP69-71	Rock	378	ARL4
16395	2	695	2.058	B	R	Cut	s/c s/c-e/c WP 72-73	Rock	218	ARL5
16396	2	695	2.763	C	R	Cut	s/c s/c-e/c WP74-75, 3.5m, 50o	Rock	94	ARL5
16397	2	695	1.562	C	R	Fill	s/f, Tel #112 s/f WP78, Tel #112 [UBD(04)306Q12]	Soil	325	ARL5
16398	2	695	1.044	C	R	Fill	s/f, Bunbury Curran Ck s/f-e/f WP79-80, WP79 [UBD(04)307A11]	Soil	485	ARL5
16399	2	695	0.642	C	R	Cut	s/c s/c-e/c WP81-82	Rock	358	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
16400	2	695	0.410	C	R	Fill	culvert, Tel #110 WP83 (150.83728/-34.00318), culvert + adjoining fill, Tel #110 [UBD(04)307C8]	Soil	172	ARL3
16401	2	695	0.144	C	R	Cut	s/c s/c-e/c WP84-86	Rock	266	ARL5
16402	2	688	1.509	C	R	Fill	culvert, Cottage Ck WP87 (150.84407/-33.99886) culvert + fill, Cottage Ck., 200m to Tel #108 [UBD(04)307F6]	Soil	166	ARL3
16403	2	688	1.033	C	R	Cut	s/c, Tel #108 s/c-e/c WP88-89, 15m, 60o-70o, Tel #108 [UBD(04)307F6]	Rock	268	ARL5
16404	2	688	0.102	C	R	Cut	e/f & s/c s/c-e/c WP92-94	Rock	266	ARL5
16405	2	685	2.779	C	R	Fill	s/f, LHS Tel #106 Tel #106 [UBD(04)307J1]. Fill (LHS Tel #106, Photo SH2-154) continued from s/f at WP95 (150.85260/-33.98892), see Photo SH2-154 & 155.	Soil	399	ARL5
16406	2	685	2.603	C	R	Fill	s/f, MacDonald Rd OvBr s/f-e/f WP97-98	Soil	116	ARL5
16407	2	685	1.793	C	R	Cut	s/cs/c-e/c WP99-100, 20m, 50o-60o. e/c (WP100) at Tel #104 [UBD(04)287P13]	Rock	781	ARL5
16408	2	685	1.016	C	R	Fill	e/c & s/f s/f-e/f WP100-102	Soil	777	ARL5
16409	2	685	0.828	C	R	Cut	e/f & s/c s/f-e/c WP102-103, 3.5m, 50o	Rock	188	ARL4
16410	2	685	0.369	C	R	Cut	s/c s/c-e/c WP104-105	Rock	367	ARL4
16411	2	665	0.045	C	R	Bridge abutment	s/f, steeper fill s/f-e/f WP111-112, cracks on pvmnt	Soil	160	ARL4
16412	2	650	0.889	C	R	Bridge abutment	e/f, BrOv M5 e/f WP A125 [UBD(04)288B3] under construction at time of inspection (20/9/04)	Soil	140	ARL5
16413	2	650	0.804	C	R	Fill	s/f, BrOv M5 s/f-e/f WP A127-A128 under construction at time of inspection (20/9/04)	Soil	85	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
16414	2	641	1.643	C	R	Cut	s/c, cut & R/W	Soil	49	ARL4
16415	2	520	0.294	C	R	Fill	s/f s/f-e/f WP218-219	Soil	142	ARL5
16416	2	520	0.115	C	R	Fill	s/f, BrOv Rlwy s/f-e/f WP220-221, fill & R/W	Soil	135	ARL5
16417	2	510	1.007	C	R	Fill	s/f s/f-e/f WP222-223	Soil	58	ARL4
16418	2	510	0.905	C	R	Fill	s/f, BrOv Cabramatta Ck s/f-e/f WP224-225	Soil	52	ARL5
16419	2	471	0.328	C	R	Fill	s/f, fill & R/W near Br. s/f-e/f (LHS) WP204-205; s/f-e/f (RHS) WP202-203. WP202 (150.96683/-33.89035) WP203 (150.96690/-33.89027)	Soil	160	ARL5
16420	2	471	0.268	C	R	Fill	s/f, Landsdowne Br s/f-e/f (LHS) WP206-207; s/f-e/f (RHS) WP208-209. WP208 (150.96720/-33.88994) WP209 (150.96730/-33.88989)	Soil	12	ARL5
16421	2	471	0.294	B	L	Fill	s/f adjoins Landsdowne Br Adjoining fills H=8m, 30o-40o dense veg. [UBD(04)250E5]	Rock	140	ARL4
16422	2	510	0.850	B	L	Fill	s/f s/f-e/f WP210-211	Rock	90	ARL5
16423	2	510	0.991	B	L	Fill	s/f, BrOv Cabramatta Ck s/f-e/f WP212-213	Rock	66	ARL5
16424	2	520	0.087	B	L	Fill	s/f s/f-e/f WP214-215, 6m, 20o-30o	Soil	193	ARL5
16425	2	520	0.313	B	L	Fill	s/f, fill on cut s/f-e/f WP216-217, H=5m 30o-45o minor crack /settlement	Soil	120	ARL4
16426	2	665	0.800	B	L	Fill	s/f s/f-e/f WP102-103, 2m 35o part 60o	Soil	169	ARL5
16427	2	685	0.102	B	L	Cut	s/c s/c-e/c WP106-107, 7m, 40o, MW-HW sst & shl, 3.9m shoulder [UBD(04)288B9]	Rock	732	ARL5
16428	2	685	0.905	B	L	Fill	s/f s/f-e/f WP109-111, 3m, 35o, grass, culvert & Fill at WP 108 which is opp. WP109. (WP108 : 150.87019/-33.97744)	Soil	549	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
16429	2	685	1.454	B	L	Cut	e/f & s/c s/c-e/c WP111-112, 15m 2 batters, 45o, shl & sst, grass, 3.9m shoulder [UBD(04)287P13]	Rock	768	ARL4
16430	2	685	2.222	B	L	Fill	e/c & s/f s/f-e/f WP112-113, 10m, 35o, dense veg	Soil	196	ARL5
16431	2	685	2.418	B	L	Bridge abutment	e/f, BrOv Macdonald Rd WP113, abut & spill facing Macdonald Rd. [UBD(04)287K16]	Soil	62	ARL4
16432	2	688	0.068	B	L	Cut	s/c s/c-e/c WP116-118, shale, h=10m, 60o, veg., minor erosion	Rock	99	ARL5
16433	2	688	1.526	B	L	Fill	culvert / Cottage Ck WP121 Culvert (Cottage Ck) & adjoining fill, 100m from Tel#107 [UBD(04)307F6]	Soil	468	ARL3
16434	2	688	1.994	B	R	Cut	s/c s/c s/c-e/c WP 122-124. Fill embankment RHS median and bridge abutment (Cambelltown Rd)	Soil	217	ARL4
16435	2	688	2.286	B	L	Fill	e/c & s/f WP124	Soil	999	ARL5
16436	2	695	0.737	B	L	Cut	e/f & s/c WP132	Rock	140	ARL4
16437	2	695	1.110	B	L	Cut	s/c, noise wall s/c-e/c WP135-137, 3-11m, 60o, shale, erosion, noise wall	Rock	1085	ARL4
16438	2	695	2.677	B	L	Fill	s/f, Raby Rd OvBr s/f-e/f WP138-139 [UBD(04)326P4]	Soil	62	ARL5
16439	2	701	0.255	B	L	Fill	Campbelltown Rd OvBr s/f-e/f WP146-147, Br. Abut. & adjoining fill on cut [UBD(04)326P6]	Soil	315	ARL5
16440	2	701	2.490	B	L	Cut	? s/c-e/c, 7m, 30o - 35o , WP149 at 200m to Tel #119 [UBD(04)326J14]	Rock	256	ARL4
16441	2	701	3.245	B	L	Fill	s/f s/f-e/f WP152-154, part >5m, adjoins natural slope	Soil	351	ARL4
16442	2	701	4.419	B	L	Cut	s/c s/c-e/c WP155-156, 35o-40o	Rock	312	ARL5



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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
16443	2	711	0.020	B	L	Cut	s/c s/c-e/c	Rock	462	ARL4
16444	2	730	0.037	B	L	Cut	s/c, 200m fr. Narellan Rd OvBr s/c-e/c WP159-160, 6m, 25o - up to 35o	Rock	105	ARL5
16445	2	730	0.294	B	L	Cut	200m fr. Tel #123 s/c-e/c, 8m, 20o-25o , WP161 (150.78041/-34.06737) at 200m from Tel #123 [UBD(04)345N4]	Both rock and soil	958	ARL5
16446	2	741	0.942	B	L	Fill	s/f s/f-e/f WP162-163, 10m, 30o-35o	Soil	291	ARL3
16447	2	741	1.465	B	L	Fill	s/f s/f-e/f, >5m, 30o	Soil	254	ARL5
16448	2	741	2.046	B	L	Fill	s/f s/f-e/f WP169-170. >6m, 30o	Soil	104	ARL5
16449	2	741	2.242	B	L	Bridge abutment	s/f, Jim Affleck Br. s/f-e/f WP171-173, 7m, 35o , landslips, sinkholes, loose fill	Soil	461	ARL3
16450	2	741	2.778	B	L	Cut	s/c s/c-e/c WP175-177, 8m, 50o, shl, erosion patches	Rock	190	ARL4
16451	2	741	2.978	B	L	Fill	s/f s/f-e/f WP178-180, slump, settlement, cracks	Soil	986	ARL5
16452	2	741	4.957	B	L	Cut	s/c s/c-e/c WP182-184, 13-16m, 45o, veg, surface erosion	Rock	595	ARL5
16453	2	751	0.768	B	L	Cut	s/c s/c-e/c WP185-186, 12m, 45o, fretted shl, erosion/slump	Rock	241	ARL5
16454	2	751	1.009	B	L	Fill	e/c & s/f s/f-e/f WP186-187, 7m, 35o veg.	Soil	475	ARL5
18544	2	688	2.223	B	L	Bridge abutment	Bridge abutment (Cambelltown Rd) and adjoining fill (LHS)	Soil	51	ARL5
19500	2	685	2.719	C	R	Bridge abutment	MacDonald Rd underpass north facing abutment (southern abutment)	Soil	60	ARL4
49390	2	688	0.005	R	L	Fill	SH2_SB, offload ramp to Brooks Rd, LHS	Soil	78	ARL3
49391	2	688	0.070	R	R	Cut	SH2_SB, offload ramp to Brooks Rd, RHS	Rock	58	ARL4
49406	2	711	0.436	X	L	Cut	SH2_SB, loop offload to Narellan Rd W/B, LHS	Soil	45	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
49407	2	711	0.481	X	L	Bridge abutment	SH2_SB, loop offload to Narellan Rd W/B, LHS	Soil	46	ARL2
49408	2	711	0.527	X	L	Cut	SH2_SB, loop offload to Narellan Rd W/B, LHS	Both rock and soil	421	ARL4
49409	2	711	0.656	X	R	Cut	SH2_SB, loop offload to Narellan Rd W/B, RHS	Both rock and soil	228	ARL4
49410	2	741	0.084	T	R	Cut	SH2_SB, onload from Narellan Rd W/B to SH2, RHS	Soil	298	ARL5
49412	2	741	0.298	U	R	Structure above	SH2_NB, offload to Narellan Rd W/B, RHS	Soil	115	ARL3
49413	2	711	0.281	S	L	Cut	Narellan Rd EB, onload ramp to SH2, LHS	Both rock and soil	162	ARL5
49423	2	701	0.164	C	L	Fill		Soil	12	ARL4
52388	2	510	0.940	B	L	Bridge abutment		Soil	50	ARL4
52389	2	520	0.280	B	L	Bridge abutment		Soil	30	ARL4
52390	2	610	0.470	B	L	Bridge abutment	soft/rock cut batter retained by RC wall & crib block wall	Both rock and soil	20	ARL4
52391	2	701	2.870	B	L	Bridge abutment	Fill/clayey soil embankment	Soil	50	ARL3
52392	2	741	2.150	B	L	Bridge abutment	Clay/shale embankment lower half retained by RC Wall	Both rock and soil	90	ARL4
52393	2	741	2.730	B	L	Bridge abutment		Rock	30	ARL3
52394	2	751	1.534	B	R	Bridge abutment		?	176	
52395	2	751	1.480	C	R	Bridge abutment		Both rock and soil	190	ARL2
52396	2	741	2.190	C	R	Bridge abutment	Clayey fill embankment faced with concrete block pavers	Soil	90	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
52397	2	701	3.170	C	R	Bridge abutment	Clayey Fill embankment	Soil	70	ARL3
52398	2	695	1.887	C	R	Bridge abutment	Shaley Clay Fill embankment paved with concrete blocks under bridge	Soil	64	ARL5
52399	2	695	1.529	C	R	Bridge abutment	Shale fill embankment over alluvial creek bank	Rock	33	ARL3
52401	2	675	0.670	C	R	Bridge abutment	Cobble - crete paved fill embankment	Rock	77	ARL4
52402	2	610	0.450	C	R	Bridge abutment		Both rock and soil	40	ARL4
52403	2	520	0.250	C	R	Bridge abutment		Soil	40	ARL4
52404	2	510	0.960	C	R	Bridge abutment		Soil	50	ARL5
52405	2	471	0.280	C	R	Bridge abutment		Soil	40	ARL4
57738	2	741	2.738	C	R	Bridge abutment		Rock	22	ARL3
57739	2	751	1.514	B	L	Bridge abutment	25/01/2013 - Hume Hwy, northern bridge abutments ---	Both rock and soil	190	ARL2
57740	2	688	0.000	C	L	Bridge abutment		Rock	2860	ARL4
57741	2	688	0.000	B	L	Bridge abutment		Rock	32	ARL4
58716	2	695	0.797	B	L	Bridge abutment	Shaley Clay fill over clay cut batter	Rock	23	ARL4
67297	2	650	0.680	C	R	Fill		?	247	
79025	2	650	0.675	L	L	Fill	SH2_SB, Camden Valley Way WB (Link 650L & 655L)	Both rock and soil	215	ARL3
79026	2	655	0.000	L	L	Fill	SH2_SB, Camden Valley Way WB (Link 650L & 655L)	Soil	25	ARL3
79027	2	655	0.025	L	L	Bridge abutment	SH2_SB, Camden Valley Way WB (Link 650L & 655L)	Soil	85	ARL4
81628	2	695	0.219	C	L	Fill	SH2_NB, Campbelltown OvBr & Median Cut	Soil	68	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
81629	2	741	0.082	U	L	Cut	Narellan Rd WB, onload loop to SH2, LHS	Rock	185	ARL4
81630	2	730	0.036	Y	R	Cut	Narellan Rd WB, onload loop to SH2, RHS	Both rock and soil	168	ARL3
81631	2	702	0.060	S	R	Fill	Campbelltown Rd Onload to SH2 NB RHS (St Andrews)	Soil	136	ARL4
81633	2	702	0.196	S	R	Bridge abutment	Campbelltown Rd onload ramp to SH2_NB, RHS (St Andrews)	Soil	5	ARL3
81634	2	702	0.402	S	R	Fill	Campbelltown Rd onload ramp to SH2_NB, RHS (St Andrews)	Soil	317	ARL5
81635	2	702	0.016	S	L	Fill	Campbelltown Rd onload ramp to SH2_NB, LHS (St Andrews)	Soil	178	ARL3
81636	2	702	0.194	S	L	Bridge abutment	Campbelltown Rd onload ramp to SH2_NB, LHS (St Andrews)	Soil	209	ARL2
81637	2	695	0.287	C	L	Bridge abutment	SH2_NB, Campbelltown OvBr & Median Cut	Soil	35	ARL3
81638	2	695	0.322	C	L	Cut	SH2_NB, Campbelltown OvBr & Median Cut [UBD(04)307D7]	Soil	161	ARL5
81639	2	702	0.403	S	L	Cut	s/f at guard rail. e/f BrOv SH2	Soil	56	ARL4
81640	2	702	0.201	S	R	Bridge abutment	e/f, BrOv SH2 (Southern abutment)	Soil	201	ARL5
12790	5	1540	0.994	A	L	Cut	18/07/2007 - Cutting on tight bend near Mt Victoria. Steep rock cutting-erodible beds near start of cutting undercutting overlying sandstone; some loose blocks on face.	Both rock and soil	108	ARL2
12791	5	1540	1.102	A	L	Fill	17/07/2007 - Fill embankment at head of gully ---PREVIOUS--- Steep fill on natural slope	Both rock and soil	56	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
12792	5	1540	1.158	A	L	Cut	06/07/2007 - Sandstone Cutting, Past Wedge Failures, Perched Boulders Along Crest --- PREVIOUS--- Sandstone cutting Mt Victoria side of Convict bridge Existing site no. 6091	Rock	344	ARL2
13665	5	1540	1.012	A	R	Fill	17/07/2007 - Fill Embankment on Hillside ---	Both rock and soil	303	ARL3
13666	5	1540	0.628	A	R	Fill	18/07/2007 - Cut/Fill embankment on hillside	Both rock and soil	367	ARL4
59550	5	800	0.798	B	L	Cut	10/07/2007 - cut slopes in soil/XW shale above road	Both rock and soil	149	ARL5
59551	5	861	0.493	B	L	Cut	10/07/2007 - gabion wall above road --	Both rock and soil	235	ARL4
59552	5	871	0.242	B	L	Fill	10/07/2007 - fill slope below road	Soil	168	ARL3
59553	5	871	0.672	B	L	Fill	10/07/2007 - Fill embankment --	Soil	120	ARL3
59554	5	920	0.792	B	L	Bridge abutment	22/08/2007 - eastern abutment, Great Western Highway over Eastern Creek --	Soil	36	ARL4
59555	5	930	1.629	B	L	Cut	10/07/2007 - Sandstone cutting	Rock	123	ARL3
59556	5	950	1.040	B	L	Bridge abutment	11/07/2007 - eastern bridge abutment. Great Western Highway over Ropes Creek	Soil	29	ARL3
59557	5	1020	0.591	B	L	Bridge abutment	22/08/2007 - eastern bridge abutment, Great Western Hwy over South Creek	Soil	58	ARL3
59558	5	1081	0.346	A	L	Structure above	11/07/2007 - macquarie avenue overpass, over North Street. South abutment	Soil	31	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
60641	5	1173	0.181	A	R	Fill	11/07/2007 - fill slope below road	Soil	5	ARL5
60642	5	1173	0.043	A	R	Bridge abutment	M4 Underpass	Soil	67	ARL4
60643	5	1020	0.580	C	R	Bridge abutment	11/07/2007 - Great western highway western bridge abutment over South Creek -	Soil	72	ARL4
60644	5	950	1.011	C	R	Bridge abutment	11/07/2007 - Great western highway bridge over Ropes Creek, western abutment	Soil	78	ARL3
60645	5	920	0.799	C	R	Bridge abutment	22/08/2007 - western abutment, Great Western Hwy over Eastern Creek --- PREVIOUS---   previous SITE NO = Eastern Ck (western abutments)	Soil	34	ARL4
60646	5	880	0.343	C	R	Cut	10/07/2007 - cut slope above road	Both rock and soil	217	ARL4
60647	5	871	0.779	C	R	Fill	10/07/2007 - fill slope below road	Soil	28	ARL5
66687	5	1190	0.094	B	L	Bridge abutment	13/07/2007 - Bridge abutment over Governors Drive --	Both rock and soil	16	ARL4
66688	5	1190	0.110	B	L	Fill	13/07/2007 - Fill slope below road ---	Soil	169	ARL4
66689	5	1190	0.279	B	L	Slope below	13/07/2007 - Fill slope below road ---	Soil	166	ARL4
66690	5	1190	0.445	B	L	Slope below	13/07/2007 - Fill slope below road with gabion and concrete panel retaining walls -	Both rock and soil	614	ARL4
66691	5	1190	1.059	B	L	Structure above	13/07/2007 - Concrete box culvert beneath road (pedestrian underpass) ---	Soil	10	ARL5
66692	5	1190	1.657	B	L	Cut	24/07/2007 - Cut in sandstone ---	Rock	232	ARL3
66693	5	1190	1.950	B	L	Cut	24/07/2007 - Sandstone cut ---	Rock	145	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
66694	5	1210	0.616	B	L	Cut	18/07/2007 - sandstone and shale cutting above road --	Rock	80	ARL5
66695	5	1210	0.696	B	L	Cut	18/07/2007 - shale and sandstone rock cutting above GWH --- PREVIOUS--- Shotcrete or rockbolting	Rock	255	ARL4
66696	5	1210	1.764	B	L	Bridge abutment	24/07/2007 - Eastern Bridge Abutment on sandstone cutting over railway ---PREVIOUS-- - No remedial measures required	Rock	39	ARL4
66697	5	1245	1.036	B	L	Structure above	31/07/2007 - masonry block retaining wall below GWH --- PREVIOUS--- Wall leaning out	Soil	397	ARL3
66698	5	1245	2.211	B	L	Bridge abutment	01/08/2007 - eastern bridge abutment over service road and railway	Both rock and soil	70	ARL4
66699	5	1245	2.281	B	L	Fill	01/08/2007 - fill slope below GWH, west of rail bridge, Warrimoo -- -PREVIOUS--- west side of bridge over railway line,GWH, Warrimoo	Soil	147	ARL4
66700	5	1245	2.428	B	L	Bridge abutment	01/08/2007 - eastern bridge abutment GWH over Railway Parade -- -PREVIOUS--- GWH bridge over railway line-Railway Pde, Warrimoo	Soil	40	ARL4
66701	5	1245	2.468	B	L	Fill	01/08/2007 - fill slope below road --- PREVIOUS--- GWH, slope left hand west side of Railway Pde underpass, Warrimoo	Soil	13	ARL5
66702	5	1245	4.003	B	L	Cut	02/08/2007 - sandstone cut above road ---PREVIOUS--- Cut face GHW, LHS Valley Heights West of rail access road	Rock	148	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
66703	5	1245	4.312	B	L	Cut	02/08/2007 - rock cutting above GWH --- PREVIOUS--- Cutting GWH ,LHS,Valley Heights cutting west of street lamp	Both rock and soil	131	ARL4
66704	5	1245	4.741	B	L	Slope above	03/08/2007 - Cutting in soil/extremely weathered rock above road. ---PREVIOUS--- slope above GWH, LHS, Valley Heights below Green Pde	Both rock and soil	70	ARL3
66705	5	1260	0.242	B	L	Cut	03/08/2007 - sandstone/shale cut --- PREVIOUS--- cut, GWH LHS 250m west of Macquarie Rd, Valley Heights	Rock	131	ARL4
66706	5	1260	0.477	B	L	Cut	03/08/2007 - shale cutting ---PREVIOUS-- - Cut GWH,LHS beneath Hawkesbury R overpass,Valley Heights	Rock	178	ARL4
66707	5	1290	2.121	B	L	Structure above	07/08/2007 - timber crib wall above GWH -- -PREVIOUS--- Timber crib wall LHS GWH 90m west of rest area Faulconbridge	Soil	57	ARL5
66708	5	1300	0.307	A	L	Fill	07/08/2007 - fill slope below GWH --- PREVIOUS--- Fill slope LHS GWH, Linden 150m west of service station	Soil	81	ARL4
66709	5	1310	0.260	B	L	Bridge abutment	09/08/2007 - eastern abutment GWH over rail line ---PREVIOUS-- - GWH bridge over rail line Linden,eastern abutment	Rock	38	ARL4
66710	5	1310	0.506	B	L	Cut	09/08/2007 - sandstone cutting above GWH --- PREVIOUS--- cutting LHS GWH,Linden - 400m west of rail bridge	Rock	243	ARL5



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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
66711	5	1310	0.811	B	L	Fill	10/08/2007 - fill slope and retaining walls below GWH --- PREVIOUS--- Fill slope & retaining wall below GWH, Linden west of #778 GWH	Soil	121	ARL4
66712	5	1310	1.020	B	L	Fill	10/08/2007 - reinforced soil wall below GWH -- -PREVIOUS--- Retaining wall below GWH,Linden	Soil	220	ARL4
66713	5	1310	1.305	B	L	Fill	10/08/2007 - fill slope and reinforced soil wall below GWH --- PREVIOUS--- Retaining wall below GWH, LHS Linden,west of bus stop	Soil	375	ARL4
66714	5	1310	1.786	B	L	Fill	17/08/2007 - Fill slope below GWH --- PREVIOUS--- Fill slope & anchored retaining wall,LHS GWH Linden, east of Tollgate Dr	Soil	151	ARL3
66715	5	1310	1.956	B	L	Cut	17/08/2007 - sandstone cutting above GWH --- PREVIOUS--- Cutting LHS GWH Linden, west of Tollgate Dr	Rock	124	ARL4
66716	5	1310	2.080	B	L	Bridge abutment	17/08/2007 - bridge abutment, Tollgate Drive over GWH --- PREVIOUS--- Bridge abutment LHS Tollgate Dr over GWH, Linden	Rock	25	ARL4
66717	5	1310	2.310	B	L	Fill	21/08/2007 - retaining wall and natural fill slope below GWH --- PREVIOUS--- Fill & natural slope LHW, ~200m west of Tollgate Dr overpass, GWH Linden	Soil	98	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
66718	5	1310	2.445	B	L	Cut	21/08/2007 - sandstone rock cutting above road --- PREVIOUS--- Cut slope 300m west of Tollgate Dr overpass,LHS GWH,Linden	Rock	215	ARL4
66719	5	1310	2.782	B	L	Bridge abutment	21/08/2007 - Eastern Bridge abutment, GWH over rail line --- PREVIOUS--- Adjacent to Rest Area sign before Bulls Camp	Soil	69	ARL4
66720	5	1310	2.851	B	L	Fill	21/08/2007 - reinforced soil wall below GWH -- -PREVIOUS--- Retaining wall LHS west of rail underpass GWH,Linden	Soil	113	ARL4
66721	5	1310	3.230	B	L	Cut	31/08/2007 - sandstone cut , RSW on crest ---PREVIOUS-- Cut opposite Bulls Camp,~3.2km west of Chapman Av, Faulconbridge	Rock	258	ARL5
66722	5	1310	3.662	B	L	Cut	31/08/2007 - Battered sandstone cut, siltstone lense --- PREVIOUS--- Sandstone cut LHS GWH, ~3km west of Chapman Ave, Faulconbridge	Rock	300	ARL4
66723	5	1310	4.124	B	L	Cut	31/08/2007 - Benched sandstone cutting --- PREVIOUS--- LHS sandstone cutting under Appin Way overbridge, Woodford	Rock	376	ARL5
66724	5	1320	2.683	A	L	Cut	31/08/2007 - Overgrown cut batter -- -PREVIOUS--- Hazelbrook Railway Station	Both rock and soil	221	ARL4
66725	5	1346	0.525	B	L	Slope above	31/08/2007 - Fill embankment above road ---PREVIOUS--- LHS embankment above GWH, ~0.3km west of Hazelbrook Station	Soil	251	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
66727	5	1370	0.600	A	L	Slope below	30/08/2007 - Fill embankment below road ---PREVIOUS--- Fill start ~600m west of Genevieve Rd, Bullaburra	Both rock and soil	361	ARL3
66728	5	1370	1.950	A	L	Cut	30/08/2007 - Sandstone Cut Batter - --PREVIOUS--- Rock batter ~1.95km west of Genevieve Rd, Bullaburra	Rock	117	ARL3
66729	5	1370	2.159	A	L	Cut	30/08/2007 - Sandstone cut with erodible beds/seams -- -PREVIOUS--- Rock batter~2.2km west of Genevieve RD, Bullaburra	Rock	185	ARL2
66730	5	1404	0.096	B	L	Bridge abutment	RAILWAY OV BR	Both rock and soil	30	ARL4
66731	5	1404	0.423	B	L	Cut	29/08/2007 - SANDSTONE CUT with Seepage --- PREVIOUS--- Sandstone cut LHS, ~0.4km west of railway overbridge	Rock	143	ARL3
66732	5	1404	0.663	B	L	Cut	29/08/2007 - rock cutting ---PREVIOUS-- - Sandstone cut LHS, ~0.66km west of railway over bridge	Rock	143	ARL4
66733	5	1422	0.821	B	L	Fill	20/08/2007 - Fill Embankment --- PREVIOUS--- Fill embankment, ~50m east of Goldsmith PI, GWH Katoomba	Both rock and soil	77	ARL3
66734	5	1426	0.025	B	L	Structure below	28/08/2007 - RSW Wall, Concrete face plates ---PREVIOUS--- RSWLHS between Goldsmith PI & Parke St, Katoomba	Soil	113	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
66735	5	1431	0.258	B	L	Structure above	28/08/2007 - Crib wall less than 5m, sandstone batter either side Washed out zones towards the crest. Railway embankment above crest ---PREVIOUS--- Crib block wall ~260m west of Parke St intersection*	Both rock and soil	216	ARL3
66736	5	1435	0.169	B	L	Bridge abutment	28/08/2007 - Pavement fill less than 1m over highly weathered rock shotcreted, concrete retaining wall --- PREVIOUS--- Railway underpass(northern abutment),~170m west of Albion St,Katoomba	Both rock and soil	109	ARL4
66737	5	1435	0.573	B	L	Cut	16/08/2007 - Rock cut retained by bored piers & concrete panels --- PREVIOUS--- LHS Cut Bathurst Rd, overpass, Katoomba	Rock	161	ARL5
66738	5	1435	0.765	B	L	Structure above	16/08/2007 - Fill retained by RSW with road above --- PREVIOUS--- LHS RSW ~0.86km w of Albion St intersection, Katoomba	Both rock and soil	99	ARL5
66739	5	1435	1.156	B	L	Fill	15/08/2007 - Crushed sandstone fill, gabion at toe ---PREVIOUS--- LHS fill 1.5km west of Bathurst Rd overpass, Katoomba	Both rock and soil	113	ARL5
66740	5	1445	0.486	A	L	Cut	14/08/2007 - Cut Sandstone above Road	Both rock and soil	384	ARL3
66741	5	1450	0.011	A	L	Fill	14/08/2007 - Fill embankment with past failures (minor) --	Both rock and soil	478	ARL3
66742	5	1450	0.899	A	L	Fill	26/08/2008 - Soil and rock fill embankment --	Both rock and soil	105	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
66743	5	1465	0.044	B	L	Structure above	13/08/2007 - Fill embankment & sandstone RW below SH5 ---	Both rock and soil	116	ARL5
66744	5	1465	0.188	B	L	Bridge abutment	13/08/2007 - RSW Vertical Wall, Bridge Abutment ---	Both rock and soil	22	ARL4
66745	5	1465	0.210	B	L	Fill	13/08/2007 - RSW Conc. Plate Vertical Wall Adjacent Rail Tracks ---	Soil	150	ARL4
66746	5	1490	0.137	A	L	Structure above	20/07/2007 - Gabion Wall at toe of railway fill embankment	Soil	173	ARL5
66747	5	1521	0.737	A	L	Structure below	19/07/2007 - RC RW	Soil	20	ARL4
66748	5	1521	0.815	A	L	Bridge abutment	19/07/2007 - Concrete R.W. --	Soil	34	ARL4
67294	5	1412	0.034	B	L	Structure above	29/08/2007 - Off ramp to Leura Mall for westbound traffic SH5 ---PREVIOUS--- Off-load ramp to Leura Mall	Both rock and soil	263	ARL5
67295	5	1412	0.297	B	L	Structure above	29/08/2007 - Cut and cover RC tunnel with bored pier --- PREVIOUS--- ?	Both rock and soil	161	ARL5
67296	5	1412	0.458	B	L	Structure above	29/08/2007 - Bored pier wall, concrete panel faced	Both rock and soil	149	ARL5
67299	5	861	0.020	S	L	Fill	24/07/2007 - On ramp from Prospect Hwy to Great Western Highway, eastbound, Prospect --- PREVIOUS--- E/B Ramp from Church Lane (MR644), Prospect to GWH	Soil	196	ARL4
67300	5	871	0.035	U	L	Fill	24/07/2007 - Off ramp from Great Western Highway to Prospect Highway, eastbound, Prospect --- PREVIOUS--- E/B Ramp from GWH to Church Lane (MR644), Prospect	Soil	197	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
67301	5	1310	2.046	B	R	Cut	21/08/2007 - Mohawk below Tollgate Drive, RHS ---PREVIOUS--- Mohawk RHS	Rock	52	ARL4
67302	5	1310	2.054	C	L	Cut	21/08/2007 - Mohawk beneath Tollgate Dr Overpass, LHS --- PREVIOUS--- Mohawk LHS	Rock	58	ARL4
70364	5	1530	0.035	A	R	Structure below	R/wall below road	Soil	93	ARL3
70365	5	1521	0.863	A	R	Slope below	19/07/2007 - Fill embankment above railway cut	Soil	11	ARL4
70366	5	1521	0.832	A	R	Bridge abutment	19/07/2007 - Concrete R.W. -	Soil	31	ARL4
70367	5	1521	0.771	A	R	Fill	19/07/2007 - Fill Embankment on hillside --	Both rock and soil	61	ARL3
70368	5	1465	0.183	C	R	Structure below	13/08/2007 - R/wall below road, on Fill Embankment --	Soil	265	ARL5
70369	5	1465	0.130	C	R	Bridge abutment	13/08/2007 - RSW Vertical Abutment Bridge Wall	Both rock and soil	53	ARL4
70370	5	1445	0.229	A	R	Fill	14/08/2007 - Fill embankment & natural slope below road -	Soil	620	ARL4
70371	5	1435	0.905	C	R	Structure below	15/08/2007 - R/wall below road - RSW. -	Soil	209	ARL5
70372	5	1435	0.590	C	R	Cut	16/08/2007 - Bored pile wall concrete face, rock at west end -	Rock	153	ARL5
70373	5	1435	0.464	C	R	Structure below	16/08/2007 - R/wall below road RSW with movement observed -	Both rock and soil	106	ARL4
70374	5	1435	0.264	C	R	Bridge abutment	28/08/2007 - Rail overpass, Sandstone Cut then Concrete R.W. --	Both rock and soil	25	ARL3
70375	5	1431	0.337	C	R	Structure above	28/08/2007 - R/wall below road, sandstone cut at toe ~5m high --	Soil	60	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
70376	5	1416	0.416	B	R	Structure below	R/wall below road	Both rock and soil	211	ARL3
70377	5	1416	0.145	C	R	Cut	29/08/2007 - Block RW adjacent Hwy footpath and buildings above cut, soil batter above --	Both rock and soil	137	ARL5
70378	5	1412	0.663	C	R	Structure below	R/wall below road	Soil	157	ARL4
70379	5	1412	0.051	C	R	Cut	29/08/2007 - Concrete bored pile wall with panel facing --- PREVIOUS--- Off ramp to Leaura Mall	Both rock and soil	612	ARL5
70380	5	1404	0.063	C	R	Bridge abutment	29/08/2007 - RAILWAY OV BR, Rock Cut and Fill ---	Both rock and soil	27	ARL5
70381	5	1370	2.239	A	R	Fill	30/08/2007 - Fill Embankment Below Road -	Soil	183	ARL5
70382	5	1370	2.056	A	R	Fill	30/08/2007 - Fill embankment below road	Both rock and soil	130	ARL3
70383	5	1365	0.123	A	R	Fill	30/08/2007 - Fill embankment below road ---	Both rock and soil	160	ARL3
70384	5	1361	0.304	C	R	Slope below	30/08/2007 - Sandstone Block Wall above Rail Cutting ---	Both rock and soil	139	ARL5
70386	5	1346	0.054	B	R	Structure below	30/08/2007 - R/wall below road Sandstone Block Wall	Soil	170	ARL4
70387	5	1310	4.142	C	R	Cut	31/08/2007 - Benched Sandstone Cutting ---	Rock	302	ARL5
70388	5	1310	3.933	C	R	Structure below	31/08/2007 - RSW --- PREVIOUS--- R/wall below road	Both rock and soil	209	ARL4
70389	5	1310	3.533	C	R	Structure above	31/08/2007 - RSW --- PREVIOUS--- R/wall below road	Both rock and soil	156	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
70390	5	1310	2.789	C	R	Structure below	21/08/2007 - Reinforced soil wall below road --- PREVIOUS--- R/wall below road	Soil	335	ARL4
70391	5	1310	2.748	C	R	Bridge abutment	21/08/2007 - western abutment, GWH over rail lines ---	Soil	41	ARL4
70392	5	1310	2.660	C	R	Fill	21/08/2007 - reinforced soil wall below GWH -	Soil	88	ARL4
70393	5	1310	2.408	C	R	Cut	17/08/2007 - sandstone cutting above GWH ---	Rock	229	ARL3
70394	5	1310	2.369	C	R	Structure above	R/wall above road	Soil	25	ARL5
70395	5	1310	1.990	C	R	Cut	21/08/2007 - sandstone cutting above GWH ---	Rock	142	ARL3
70396	5	1310	1.680	C	R	Cut	10/08/2007 - sandstone cutting above GWH ---	Rock	150	ARL5
70397	5	1310	1.509	C	R	Structure below	10/08/2007 - Gabion wall and fill slope above road ---	Soil	50	ARL3
70398	5	1310	1.203	C	R	Cut	10/08/2007 - sandstone rock cutting above GWH ---	Rock	122	ARL4
70399	5	1310	0.787	C	R	Structure below	09/08/2007 - reinforced soil wall below GWH -- -PREVIOUS--- Structure below	Soil	307	ARL4
70400	5	1310	0.350	C	R	Structure below	09/08/2007 - reinforced soil wall below GWH	Soil	437	ARL4
70401	5	1310	0.310	C	R	Bridge abutment	09/08/2007 - western abutment GWH over rail line	Rock	40	ARL4
70402	5	1310	0.217	C	R	Structure below	09/08/2007 - reinforced soil wall below GWH --	Soil	93	ARL4
70403	5	1310	0.087	C	R	Fill	09/08/2007 - fill slope with gabion wall at toe below GWH ---	Soil	120	ARL4
70404	5	1300	1.187	A	R	Fill	09/08/2007 - fill slope below GWH ---	Soil	244	ARL3
70405	5	1290	1.878	C	R	Structure below	07/08/2007 - gabion wall and fill slope below GWH ---	Soil	158	ARL4



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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
70406	5	1290	1.591	C	R	Structure below	07/08/2007 - Fill slope with gabion wall support below road. -	Soil	142	ARL4
70407	5	1275	0.274	C	R	Fill	07/08/2007 - Fill slope below road with low height concrete retaining wall at toe. -	Soil	190	ARL5
70408	5	1275	0.021	C	R	Fill	07/08/2007 - Fill embankment ---	Soil	171	ARL4
70409	5	1265	0.006	C	R	Cut	03/08/2007 - cut in shale ---	Rock	217	ARL4
70410	5	1260	0.326	C	R	Fill	03/08/2007 - Fill embankment ---	Soil	140	ARL4
70411	5	1257	0.863	C	R	Fill	03/08/2007 - Fill embankment ---	Soil	240	ARL5
70412	5	1245	4.307	C	R	Structure below	02/08/2007 - reinforced soil wall below GWH --	Soil	492	ARL4
70413	5	1245	4.150	C	R	Structure below	02/08/2007 - reinforced soil wall below road ---	Soil	157	ARL4
70414	5	1245	3.689	C	R	Structure below	02/08/2007 - reinforced soil wall below road -	Soil	324	ARL3
70415	5	1245	3.096	C	R	Structure below	02/08/2007 - masonry block retaining wall below GWH ---	Soil	128	ARL5
70416	5	1245	2.853	C	R	Structure above	01/08/2007 - masonry block retaining wall above GWH ---	Soil	143	ARL5
70417	5	1245	2.738	C	R	Structure below	01/08/2007 - Reinforced soil wall below GWH ---	Soil	115	ARL4
70418	5	1245	2.482	C	R	Structure below	01/08/2007 - reinforced soil wall below GWH -	Soil	104	ARL4
70419	5	1245	2.448	C	R	Bridge abutment	01/08/2007 - western bridge abutment, GWH over Railway Parade --	Soil	34	ARL4
70420	5	1245	2.281	C	R	Structure below	01/08/2007 - reinforced soil wall below GWH	Soil	167	ARL4
70421	5	1245	2.208	C	R	Bridge abutment	01/08/2007 - western bridge abutment GWH over railway, Warrimoo	Soil	73	ARL4
70422	5	1245	2.109	C	R	Structure below	31/07/2007 - Reinforced soil wall below road ---	Soil	99	ARL4
70423	5	1245	1.998	C	R	Structure below	31/07/2007 - Masonry retaining wall below road ---	Soil	111	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
70424	5	1245	1.746	C	R	Structure below	31/07/2007 - masonry block retaining wall below GWH ---	Soil	178	ARL4
70425	5	1245	1.334	C	R	Slope above	31/07/2007 - Natural slope supported by Jersey barrier with rail embankment to immediate north of site	Soil	171	ARL4
70426	5	1231	0.627	C	R	Structure above	31/07/2007 - Treated pine crib wall ---	Soil	135	ARL5
70427	5	1210	1.779	C	R	Bridge abutment	24/07/2007 - western bridge Abutment over railway supported on sandstone cutting --	Rock	39	ARL4
70428	5	1210	1.413	C	R	Fill	24/07/2007 - Fill slope below road ---	Soil	219	ARL4
70429	5	1210	0.981	C	R	Structure above	24/07/2007 - concrete crib wall ---	Soil	85	ARL3
70430	5	1210	0.699	C	R	Cut	24/07/2007 - Sandstone and shale cutting	Rock	282	ARL5
70431	5	1210	0.572	C	R	Cut	18/07/2007 - cut slope in shale and sandstone above GWH ---	Rock	91	ARL4
70432	5	1190	1.321	C	R	Slope below	18/07/2007 - fill and natural slope below GWH ---	Soil	591	ARL4
70433	5	1190	1.139	C	R	Slope below	18/07/2007 - fill slope below GWH ---	Soil	117	ARL4
70434	5	1190	0.224	C	R	Cut	24/01/2013 - sandstone cutting near Lapstone ---	Rock	629	ARL2
70435	5	1190	0.087	C	R	Bridge abutment	13/07/2007 - western bridge abutment over Governors Drive ---	Both rock and soil	43	ARL4
85718	5	1450	0.726	A	L	Fill	11/08/2008 - Fill and Jersey kerb retaining wall below the road. Dip and longitudinal cracking in pavement adjacent to chute drain and culvert.	Soil	125	ARL3
93227	5	1540	0.627	A	L	Cut	23/10/2012 - Sandstone cutting ---	Rock	502	ARL4
93283	5	1475	0.227	A	R	Fill		?	50	
15881	13	1125	0.132	C	R	Fill	5m high embankment s/f	Soil	158	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
15882	13	1125	0.019	C	R	Bridge abutment	4.5m high embankment s/f, BrOv bus T-way	Soil	64	ARL5
15883	13	1085	0.360	C	R	Structure above	RE wall adjoining bridge s/w	Soil	226	ARL3
15884	13	1085	0.020	C	R	Bridge abutment	RE wall adjoining bridge s/w, BrOv Polding St.	Soil	242	ARL3
15885	13	1060	1.006	C	R	Fill	Gabion basket above flodway fill + gabion wall	Both rock and soil	4	ARL4
15959	13	1020	0.418	B	L	Fill	Low earth fill and floodway s/f	Soil	262	ARL5
15960	13	1020	0.750	B	L	Cut	Low cut shale and sandstone s/c, Cabramatta Ck	Both rock and soil	196	ARL3
15961	13	1030	0.025	B	L	Fill	Low earth embankment s/f cnr Cabramatta Rd	Soil	216	ARL5
15962	13	1085	0.110	B	L	Structure above	22/01/2013 - RE WALL BRIDGE ABUTMENT - --PREVIOUS--- RE wall / bridge abutment	Soil	164	ARL2
15963	13	1085	0.387	B	L	Bridge abutment	RE wall adjoining bridge s/w, BrOv Polding St	Soil	173	ARL3
15964	13	1115	0.887	B	L	Structure above	5m high RE wall R/W, s/w	Soil	74	ARL3
15965	13	1125	0.123	B	L	Bridge abutment	4M high reinforced wall s/w, BrOv Bus T-way	Soil	128	ARL4
15966	13	1130	0.192	B	L	Fill	Fill embankment adjacent to cycle underpass s/f	Both rock and soil	55	ARL5
15967	13	1130	0.249	B	L	Bridge abutment	Low fill embankmnet to cycleway e/f & s/w, fill + R/W	Soil	27	ARL5
43058	13	1085	0.099	R	R	Structure above	Offload slip road to Smithfield Rd, Fairfield West	Soil	131	ARL4
43059	13	1095	0.066	T	L	Fill	Onload slip road, from Polding St to SH13, Brenan Pk Fairfield West, LHS	Soil	133	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
43063	13	1095	0.069	T	R	Structure above	Onload slip road, from Polding St to SH13, Brenan Pk Fairfield West, RHS	Soil	147	ARL4
43066	13	1095	0.027	U	R	Structure above	Offload slip road to Polding St, RHS	Soil	214	ARL4
43067	13	1085	0.020	S	R	Structure above	Onload slip road, from Polding St to SH13, RHS	Soil	228	ARL4
50604	13	1020	0.680	B	L	Bridge abutment	Soil embankment	Soil	60	ARL3
50605	13	1060	0.620	B	L	Bridge abutment	Soil embankment retained by RC Wall & Gabions	Soil	30	ARL4
50606	13	1060	1.020	B	L	Bridge abutment	Fill/soil embankment protected/supported by gabion blanket & wall	Soil	30	ARL4
50607	13	1085	0.250	B	L	Bridge abutment	Fill embankment retained by RSW	Soil	110	ARL3
50608	13	1106	0.250	B	L	Bridge abutment		Rock	60	ARL4
50609	13	1125	0.070	B	L	Bridge abutment		Soil	50	ARL4
50610	13	1152	0.010	B	L	Bridge abutment	Soil/rock Cut batter protected by concrete pavers under bridge	Both rock and soil	70	ARL4
51871	13	1152	0.010	C	R	Bridge abutment	Soil/rock cut batter paved with concrete blocks under bridge	Both rock and soil	70	ARL4
52376	13	1130	0.250	C	R	Bridge abutment		Soil	30	ARL4
52377	13	1125	0.083	C	R	Bridge abutment		Soil	47	ARL4
52378	13	1106	0.250	C	R	Bridge abutment		Soil	30	ARL3
52379	13	1085	0.262	C	R	Bridge abutment		Soil	98	ARL4
52380	13	1060	1.010	C	R	Bridge abutment	Fill soil embankment retained by Gabion wall	Soil	40	ARL3
52381	13	1060	0.630	C	R	Bridge abutment	Fill/soil embankment retained by RC wall under bridge	Both rock and soil	20	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
52382	13	1020	0.680	C	R	Bridge abutment	Clayey eroded creek bank	Soil	60	ARL4
57737	13	1130	0.249	B	L	Bridge abutment		Rock	29	ARL4
18584	154	1140	0.043	C	R	Bridge abutment	?	Soil	21	ARL3
18585	154	1130	0.318	C	R	Structure above	DERBY ST - RW	Soil	30	ARL5
18586	154	1090	0.052	C	R	Bridge abutment	?	Soil	96	ARL3
18587	154	1030	0.708	A	R	Bridge abutment	?	Soil	7	ARL3
18588	154	1015	0.854	A	R	Bridge abutment	Bridge and Spill Through Abutment	Soil	50	ARL3
18589	154	1015	0.775	A	R	Fill	?	Soil	79	ARL5
18590	154	1015	0.871	A	L	Bridge abutment	?	Soil	34	ARL5
18591	154	1030	0.697	A	L	Bridge abutment	Piled Bridge with Spill Through Abutment	Soil	18	ARL3
18592	154	1070	6.772	A	L	Structure above	Crib RW	Soil	147	ARL4
18593	154	1090	0.037	B	L	Bridge abutment	Fill embankment approach	Soil	88	ARL3
18594	154	1090	0.190	B	L	Fill	07/02/2011 - Noise Mound and Embankment ---	Soil	163	ARL3
18595	154	1140	0.045	B	L	Bridge abutment	Railway abutment	Soil	22	ARL3
18596	154	1140	0.067	B	L	Fill	Fill Slope - North of Abutment	Soil	40	ARL5
18597	154	1230	0.729	A	L	Structure above	COLONIAL DR   previous SITE NO = R/wall supporting Colonial Drive roundabout widening.	Soil	5	ARL5
25527	155	1030	0.609	A	L	Bridge abutment	?	Soil	21	ARL4
25528	155	1030	0.783	A	L	Fill	?	Soil	34	ARL3
25529	155	1040	0.803	A	L	Fill	?	Soil	71	ARL4
25530	155	1040	2.716	A	L	Cut	?	Both rock and soil	80	ARL3
25531	155	1040	2.946	A	L	Cut	08/11/2006 - Rock cut HW-MW ---	Rock	114	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
25532	155	1040	3.933	A	L	Fill	?	Soil	77	ARL3
25533	155	1040	6.932	A	L	Bridge abutment	?	Soil	18	ARL4
25534	155	1040	0.051	A	L	Bridge abutment	M4OV	Soil	7	ARL4
25535	155	1060	0.330	B	L	Structure above	09/11/2006 - Underpass to Commercial Area ---	Rock	80	ARL5
25536	155	1060	0.823	B	L	Bridge abutment	?	?	20	ARL5
25730	155	1060	0.825	C	R	Bridge abutment	Gabion and Railcorp Bridge abutment	Rock	26	ARL4
25731	155	1060	0.349	C	R	Structure above	Underpass Structure to Commercial Area	Rock	69	ARL5
25732	155	1050	0.065	C	R	Bridge abutment	WESTERN FREEWAY OV	?	20	
25733	155	1040	6.941	A	R	Bridge abutment	Abutment	Rock	29	ARL4
25734	155	1040	2.131	A	R	Cut	08/11/2006 - Cut in EW-HW Rock ---	Rock	85	ARL4
25735	155	1040	0.756	A	R	Fill	?	Soil	169	ARL4
25736	155	1030	0.611	A	R	Bridge abutment	?	Soil	19	ARL4
25737	155	1010	2.791	A	R	Cut	?	Soil	164	ARL4
43599	177	70	8.554	A	L	Cut	Cut	Rock	161	ARL5
43600	177	90	0.391	B	L	Fill	Fill embankment	Soil	156	ARL5
43601	177	90	0.618	B	L	Cut	40m to St. Johns Rd	Rock	244	ARL5
43602	177	101	0.196	B	L	Fill	Fill embankment, houses below	Soil	296	ARL5
43603	177	105	0.055	B	L	Cut	50m from Therry Rd	Rock	202	ARL5
43604	177	105	0.328	B	L	Fill	?	Soil	135	ARL5
43605	177	107	0.390	B	L	Fill	Camden Rd-Bradbury Av	Soil	166	ARL3
43606	177	150	0.892	B	L	Fill	fill supporting FBr	Soil	20	ARL5
43607	177	160	0.008	B	L	Fill	fill adjoins Br.	Soil	64	ARL3
43608	177	160	0.072	B	L	Bridge abutment	BrOv rlwy, Leumeah	Soil	63	ARL3
43609	177	160	0.135	B	L	Fill	fill adjoins Br.	Soil	249	ARL3
43611	177	240	0.382	A	L	Bridge abutment	BrOv Thompson Ck	Both rock and soil	14	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
43612	177	265	0.414	A	L	Cut	0.5km from St. Andrews Rd	Rock	183	ARL5
43613	177	265	1.512	A	L	Fill	s/f, Williamson Rd	Soil	96	ARL5
43614	177	280	0.083	A	L	Bridge abutment	BrOv Bunbury Curran Ck	Soil	23	ARL3
43615	177	280	0.106	A	L	Fill	?	Both rock and soil	268	ARL3
43616	177	280	0.374	A	L	Bridge abutment	BrOv Hume Hwy	Soil	90	ARL3
43617	177	280	0.464	A	L	Fill	?	Soil	70	ARL3
43618	177	280	0.534	A	L	Bridge abutment	BrOv Hume Hwy	Soil	93	ARL3
43619	177	300	1.394	A	L	Fill	fill adjoins Br.	Soil	242	ARL4
43620	177	300	1.636	A	L	Bridge abutment	BrOv Hume Hwy	Soil	100	ARL3
43621	177	300	1.736	A	L	Slope below	22/01/2013 - Fill adjoins bridge --- PREVIOUS--- fill adjoins Br.	Soil	101	ARL5
44037	177	300	1.729	A	R	Fill	s/f, fill adjoins Br.	Soil	123	ARL3
44038	177	300	1.635	A	R	Bridge abutment	BrOv Hume Hwy	Soil	94	ARL3
44039	177	300	1.383	A	R	Fill	s/f, fill adjoins Br.	Soil	252	ARL3
44040	177	290	1.580	A	R	Cut	2m to c/way	Both rock and soil	194	ARL5
44041	177	285	1.178	A	R	Cut	s/c, Brooks Rd	Rock	66	ARL5
44042	177	285	0.847	A	R	Cut	2.6km from MacDonald Rd	Rock	48	ARL3
44043	177	285	0.471	A	R	Cut	210 Campbelltown Rd	Rock	44	ARL5
44044	177	280	0.645	A	R	Fill	s/f	Soil	92	ARL3
44045	177	280	0.552	A	R	Bridge abutment	BrOv Hume Hwy	Soil	93	ARL3
44046	177	280	0.391	A	R	Bridge abutment	BrOv Hume Hwy	Soil	89	ARL3
44047	177	280	0.107	A	R	Fill	fill adjoins Br.	Soil	284	ARL3
44048	177	280	0.086	A	R	Bridge abutment	Bunbury Curran Ck	Soil	21	ARL3
44049	177	280	0.052	A	R	Fill	fill adjoins Br.	Soil	34	ARL3
44050	177	265	0.269	A	R	Cut	300m from Central Pk Dr	Rock	256	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
44051	177	240	0.420	A	R	Fill	fill & culvert, Thompson Ck	Soil	38	ARL3
44052	177	240	0.382	A	R	Bridge abutment	BrOv Thompson Ck	Soil	38	ARL3
44053	177	240	0.100	A	R	Cut	s/c, narrow shoulder	Both rock and soil	238	ARL5
44054	177	160	0.156	C	R	Fill	s/f, Bow Bowing Ck	Soil	148	ARL3
44055	177	160	0.094	C	R	Bridge abutment	BrOv rlwy, Leumeah	Soil	62	ARL3
44056	177	160	0.029	C	R	Fill	s/f	Soil	65	ARL3
44057	177	107	0.429	C	R	Fill	s/f, behind fence	Soil	120	ARL3
44058	177	105	0.162	C	R	Fill	s/f, 250m to Therry Rd	Soil	135	ARL5
44059	177	101	0.482	C	R	Cut	05/12/2006 - Cut in Extremely to highly weathered shale	Rock	167	ARL5
44060	177	101	0.186	C	R	Cut	300m to St. Johns Rd	Rock	133	ARL3
44061	177	90	0.034	C	R	Cut	300m to Woodland Rd	Rock	357	ARL5
44062	177	80	0.098	C	R	Fill	culvert & gabion wall	Soil	38	ARL3
44063	177	70	8.116	A	R	Cut	300m fr. Kellerman Dr	Both rock and soil	625	ARL4
19461	178	70	0.096	C	R	Bridge abutment	Bridge abutments - underpass	Soil	71	ARL5
19462	178	55	0.114	C	R	Fill	Fill embankment on Narellan Road	Soil	184	ARL5
19463	178	35	0.274	C	R	Fill	Approach abutment to rail overpass	Both rock and soil	163	ARL5
19464	178	35	0.200	C	R	Bridge abutment	Bridge abutment to rail underpass	Soil	74	ARL5
19465	178	35	0.049	C	R	Fill	Embankment approach to rail underpass	Soil	151	ARL5
19467	178	35	0.026	B	L	Fill	Approach embankment to rail underpass	Soil	173	ARL5
19468	178	35	0.199	B	L	Bridge abutment	Rail underpass abutments	Soil	81	ARL5
19469	178	35	0.280	B	L	Fill	Approach abutment to rail underpass	Both rock and soil	143	ARL5
19470	178	55	0.548	B	L	Cut	Cut on Narellan Road	Rock	179	ARL5



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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
19471	178	70	0.080	B	L	Bridge abutment	Bridge abutment below overpass	Soil	87	ARL5
19473	179	45	2.659	A	L	Bridge abutment	Concrete blocks protecting cut batter	Both rock and soil	105	ARL5
19474	179	50	1.935	A	L	Fill	Fill embankment	Both rock and soil	277	ARL4
19476	179	50	1.962	A	R	Fill	Fill embankment	Both rock and soil	209	ARL4
19477	179	50	0.116	A	R	Fill	Fill embankment approach to Hume Highway overpass	Soil	81	ARL5
19478	179	50	0.014	A	R	Bridge abutment	Concrete blocks protecting cut batter	Man made eg concrete	102	ARL5
56611	181	1020	0.828	A	L	Bridge abutment	Reno mattress below bridge abutment	Soil	15	ARL5
56612	181	1080	4.189	A	L	Bridge abutment	Sandstone facing adjacent to abutment	Soil	36	ARL5
56613	181	1090	0.879	A	L	Fill	Minor subsidence about culvert	Soil	18	ARL5
56614	181	1090	0.995	A	L	Bridge abutment	Rend mattress below abutment	Soil	20	ARL5
56615	181	1090	1.116	A	L	Slope above	Steep natural slope	Both rock and soil	292	ARL4
56616	181	1090	2.809	A	L	Fill	End approx. 20m past end of guard rail.   previous SITE NO = Start fill & slope below after entrance to country club and approx. 35m before start of guard rail.	Soil	210	ARL5
56617	181	1110	5.032	A	L	Fill	Shallow fill on gentle slope	Soil	60	ARL5
56618	181	1110	6.037	A	L	Cut	Small rock cutting	Rock	44	ARL3
56619	181	1110	6.703	A	L	Fill	Shallow fill	Soil	77	ARL5
56620	181	1110	6.820	A	L	Fill	Fill embankment in good condition	Soil	105	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
56621	181	1110	7.644	A	L	Fill	Dry stone wall below road	Soil	388	ARL3
56622	181	1110	8.683	A	L	Cut	Sandstone cutting below landscaped natural slope	Both rock and soil	192	ARL3
56623	181	1110	9.026	A	L	Cut	Low cutting and steep slope above	Rock	141	ARL4
56624	181	1110	9.294	A	L	Cut	?	Both rock and soil	115	ARL4
56625	181	1110	9.675	A	L	Cut	4m high cut with detached rock mass	Rock	62	ARL2
56626	181	1110	9.742	A	L	Cut	Small rock cutting	Rock	38	ARL3
56627	181	1110	9.941	A	L	Cut	natural slope above	Both rock and soil	187	ARL4
56628	181	1110	10.128	A	L	Cut	Natural cliffs above rock cutting	Rock	227	ARL4
56629	181	1110	10.355	A	L	Fill	Drystone retaining wall below road	Soil	225	ARL4
57714	181	1110	10.452	A	R	Cut	Natural stepped slope	Rock	118	ARL5
57715	181	1110	10.362	A	R	Slope above	Natural stepped slope	Both rock and soil	90	ARL5
57716	181	1110	10.180	A	R	Fill	Rockfill embankment with drystone walls	Both rock and soil	182	ARL3
57717	181	1110	9.808	A	R	Fill	Drystone walls above steep natural slope	Soil	372	ARL3
57718	181	1110	9.653	A	R	Fill	16/04/2007 - Dry stone wall on steep natural scope --	Soil	97	ARL3
57719	181	1110	9.647	A	R	Fill	Sandstone block culvert	Both rock and soil	6	ARL4
57720	181	1110	9.565	A	R	Fill	Retaining wall with fill above	Both rock and soil	82	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
57721	181	1110	7.913	A	R	Cut	laid back cutting in MW-EW sandstone	Both rock and soil	117	ARL4
57722	181	1110	7.689	A	R	Cut	Cutting with steep slope above	Rock	171	ARL3
57723	181	1110	7.482	A	R	Fill	Shallow fill	Soil	111	ARL5
57724	181	1110	7.232	A	R	Fill	Shallow fill	Soil	33	ARL5
57725	181	1110	6.914	A	R	Fill	Fill on rock slope	Soil	99	ARL5
57726	181	1110	6.373	A	R	Fill	Shallow fill	Soil	306	ARL5
57727	181	1100	5.219	A	R	Cut	Rock cutting in weathered sandstone	Rock	63	ARL5
57728	181	1090	0.988	A	R	Bridge abutment	Reno mattress below abutment	Soil	17	ARL5
57729	181	1080	4.187	A	R	Bridge abutment	Sandstone facing adjacent to abutment	Soil	37	ARL5
57730	181	1020	0.853	A	R	Fill	Fill and gabion wall adjacent to creek	Soil	35	ARL4
57731	181	1020	0.838	A	R	Bridge abutment	Bridge abutment	Soil	15	ARL5
43429	182	1010	0.120	A	L	Cut	?	Both rock and soil	78	ARL3
43430	182	1010	0.198	A	L	Structure above	?	Both rock and soil	20	ARL3
43431	182	1020	0.004	A	L	Bridge abutment	?	Soil	144	ARL4
43441	182	1020	0.011	A	R	Bridge abutment	?	Soil	134	ARL3
43442	182	1010	0.153	A	R	Cut	?	Both rock and soil	84	ARL3
15028	184	310	0.078	A	R	Structure below	Concrete RW	Soil	65	ARL3
15029	184	300	1.037	A	R	Fill	Fill embankment leading to bridge	Soil	128	ARL5
15042	184	195	0.586	B	L	Fill	Fill with RW	Soil	136	ARL5
15048	184	300	0.959	A	L	Fill	Fill embankment	Soil	201	ARL5
15049	184	310	0.084	A	L	Fill	Nw embankment of fitzroy bridge	Soil	82	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
33435	184	350	1.020	A	L	Bridge abutment	Richabys Creek Bridge (eastern abutment)	Soil	33	ARL3
33436	184	410	0.334	A	L	Cut	Soil cut will previous landslip failures	Soil	214	ARL4
33437	184	410	0.548	A	L	Fill	Soil fill slope with water @ toe (except west end)	Soil	309	ARL3
33438	184	410	1.886	A	L	Fill	Embankment near old Kurrajong Road	Soil	163	ARL3
33439	184	410	2.215	A	L	Cut	Cut 6.5m high (high erosion zones)	Both rock and soil	158	ARL3
33440	184	410	2.389	A	L	Bridge abutment	Eastern abutment of Richmond Bridge	Soil	218	ARL4
33441	184	430	0.460	A	L	Bridge abutment	Sandstone blockwall under bridge and soil embankment (north side)	Soil	36	ARL3
33442	184	430	1.234	A	L	Cut	Distinctly weathered shale cut	Both rock and soil	173	ARL5
33443	184	430	4.175	A	L	Fill	Heavily vegetated fill slope opposite Kurmorno Rd	Soil	164	ARL3
33444	184	451	0.331	A	L	Cut	?	Both rock and soil	212	ARL3
33445	184	451	0.964	A	L	Cut	?	Both rock and soil	120	ARL4
33446	184	451	1.209	A	L	Cut	?	Rock	116	ARL5
33447	184	451	3.371	A	L	Fill	?	Soil	67	ARL4
33448	184	451	3.710	A	L	Cut	?	Both rock and soil	198	ARL3
33449	184	451	4.032	A	L	Fill	?	Soil	24	ARL5
33450	184	451	4.185	A	L	Fill	?	Soil	109	ARL3
33451	184	461	0.122	A	L	Cut	Cut 8m high	Rock	223	ARL4
33452	184	461	1.958	A	L	Cut	Sandstone cut with shotcrete, bolts and fence	Rock	302	ARL2

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
33453	184	471	3.103	A	L	Fill	Fill 40m past Borwen's Creek turnoff	Soil	52	ARL4
33454	184	471	6.324	A	L	Fill	Heavily vegetated fill 5m high	Soil	115	ARL4
33455	184	471	7.533	A	L	Fill	Steep fill site with exposed toe	Soil	65	ARL3
33456	184	471	8.580	A	L	Cut	Shale cut to 5m	Rock	127	ARL5
33457	184	540	0.994	A	L	Fill	Embankment with poor drainage on counter side	Soil	79	ARL4
33458	184	540	1.226	A	L	Cut	Sandstone cut with root jacking and some overhangs	Rock	272	ARL4
33459	184	540	1.920	A	L	Cut	Cut 7.6m high, obscured by vegetation	Rock	183	ARL3
33460	184	551	0.015	A	L	Fill	Fill 5m high	Both rock and soil	139	ARL3
33461	184	551	0.274	A	L	Fill	Fill 7m high. Culvert 193 to 194	Soil	94	ARL3
33462	184	551	0.437	A	L	Fill	Fill site near Mt Tomah Picnic area	Both rock and soil	198	ARL3
33463	184	551	0.969	A	L	Cut	Columnar basalt cut	Rock	67	ARL4
33464	184	551	1.251	A	L	Cut	Columnar basalt cut	Rock	283	ARL3
33465	184	551	1.728	A	L	Cut	?	Rock	172	ARL3
33466	184	551	1.900	A	L	Cut	Rock cutting on tight left hand corner	Rock	102	ARL4
33467	184	551	2.002	A	L	Cut	Cut 14m high	Rock	231	ARL3
33468	184	551	2.376	A	L	Fill	Fill up to 7m with sandstone block RWS	Soil	85	ARL4
33469	184	551	2.804	A	L	Cut	Fractured sandstone cut	Rock	32	ARL5
33470	184	551	2.836	A	L	Cut	Cut 12m high	Rock	120	ARL3
33471	184	551	2.956	A	L	Cut		Both rock and soil	74	ARL3
33472	184	551	3.030	A	L	Cut	RoadFlix +40m (Link 0551/3.07km)	Rock	125	ARL4
33473	184	551	3.391	A	L	Cut	RoadFlix +40m (Link 0555/0.00km)	Both rock and soil	176	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
33474	184	555	0.159	A	L	Cut	Cut up to 13m high in sandstone	Rock	184	ARL3
33475	184	555	1.459	A	L	Cut	Cut in blocky sandstone and overhanging blocks up 9m high	Rock	93	ARL2
33476	184	555	2.139	A	L	Fill	?	Soil	82	ARL4
33477	184	555	2.793	A	L	Fill	Fill slope on slight bend	Both rock and soil	73	ARL4
33478	184	555	2.918	A	L	Fill	Embankment between 2 cuts on opposite side	Both rock and soil	104	ARL3
33479	184	555	3.022	A	L	Fill	Cut in sandstone 7.5m high	Rock	226	ARL3
33480	184	555	3.336	A	L	Fill	Sandstone cliff face and RW	Rock	16	ARL5
33481	184	555	4.100	A	L	Cut	Cut to 4m height	Rock	47	ARL3
33482	184	555	4.272	A	L	Cut	Sandstone cut up to 4.5m	Rock	47	ARL5
33483	184	555	4.526	A	L	Cut	?	Rock	17	ARL3
33484	184	555	4.653	A	L	Cut	Sandstone cutting	Both rock and soil	52	ARL3
33485	184	555	4.929	A	L	Flat	Flat on the prescribed with minor fill on the counter	Soil	51	ARL5
33486	184	555	5.088	A	L	Fill	Fill site at range hill	Both rock and soil	60	ARL4
33487	184	565	0.681	A	L	Fill	Fill 3m high	Soil	139	ARL4
33488	184	565	3.968	A	L	Fill	12/12/2012 - Fill 13 m high. Severe surface erosion ---	Soil	81	ARL2
33489	184	565	4.224	A	L	Fill	Fill site with landslip failures	Both rock and soil	95	ARL3
33490	184	565	6.460	A	L	Fill	Fill and natural embankment 7 m high	Soil	78	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
33491	184	565	7.312	A	L	Bridge abutment	Eastern bridge abutment over railway line	Both rock and soil	14	
33492	184	580	0.330	A	L	Cut	Smooth sandstone cut	Rock	116	ARL5
33493	184	580	4.478	A	L	Cut	?	Rock	140	ARL3
33494	184	580	5.587	A	L	Cut	Soil cut below Mt Victoria Station	Soil	101	ARL4
37904	184	580	5.533	A	R	Fill	Soil and rock fill slope below Mt Victoria Station	Soil	155	ARL3
37905	184	580	4.325	A	R	Fill	Sandstone block RW	Both rock and soil	123	ARL5
37906	184	580	3.150	A	R	Fill	Fill with sandstone block RW at base	Both rock and soil	93	ARL5
37907	184	580	0.089	A	R	Fill	Exposed soil/rock fill slope	Both rock and soil	46	ARL4
37908	184	571	1.035	A	R	Fill	Fill site with erosion on slope	Both rock and soil	128	ARL3
37909	184	565	7.312	A	R	Bridge abutment	Cut in sandstone	Rock	16	
37910	184	565	5.124	A	R	Fill	Embankment with recently constructed drain on slope	Soil	116	ARL3
37911	184	565	4.850	A	R	Fill	Fill up to 6m and 2.45km from Bell - Bowenfells Rd	Soil	113	ARL5
37912	184	565	4.749	A	R	Cut	Sandstone cup up to 9m	Rock	101	ARL4
37913	184	565	4.429	A	R	Fill	Long embankment with rock cutting on opposite side	Both rock and soil	320	ARL3
37914	184	565	4.071	A	R	Cut	Sandstone cut to 10m	Rock	149	ARL3
37915	184	565	0.101	A	R	Fill	Embankment with broken channel drain	Both rock and soil	164	ARL3
37916	184	561	3.140	A	R	Structure above	Sandstone block RW up to 3m high	Soil	49	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
37917	184	561	3.007	A	R	Cut		Rock	122	ARL4
37918	184	561	2.903	A	R	Fill	Fill site near Noels Corner	Both rock and soil	104	ARL4
37919	184	555	4.780	A	R	Fill	?	Both rock and soil	220	ARL5
37920	184	555	4.517	A	R	Cut	Cut in sandstone up to 8m	Rock	87	ARL4
37921	184	555	4.382	A	R	Cut	Rock cutting with joint block release and detached rocks	Rock	71	ARL2
37922	184	555	4.173	A	R	Fill	Fill site at Range Hill	Both rock and soil	85	ARL4
37923	184	555	3.406	A	R	Cut	Sandstone cut	Rock	153	ARL2
37924	184	555	3.012	A	R	Cut	Sandstone cut with shale bed	Rock	138	ARL5
37925	184	555	2.849	A	R	Cut	Sandstone cut 6m	Rock	87	ARL3
37926	184	555	1.462	A	R	Cut	Rock cutting with wide spaced joints and undercutting of shale	Rock	140	ARL3
37927	184	551	3.388	A	R	Fill	?	Soil	246	ARL5
37928	184	551	3.145	A	R	Fill		Both rock and soil	151	ARL4
37929	184	551	2.931	A	R	Fill	?	Soil	98	ARL2
37930	184	551	2.572	A	R	Fill	Fill site with sandstone RW	Both rock and soil	225	ARL2
37931	184	551	2.271	A	R	Fill	Fill site with old failures and active failures	Both rock and soil	164	ARL2
37932	184	551	2.145	A	R	Fill	Fill embankment of soil and rock. Exposed sections	Both rock and soil	126	ARL4
37933	184	551	2.046	A	R	Cut	Cut in sandstone up to 7m	Rock	99	ARL3



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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
37934	184	551	1.982	A	R	Fill	Fill sites	Both rock and soil	64	ARL4
37935	184	551	1.704	A	R	Fill	Fill site covered in ferns	Both rock and soil	69	ARL3
37936	184	551	1.557	A	R	Fill	Fill 4m high	Soil	80	ARL3
37937	184	551	1.022	A	R	Fill	Soil fill on sweeping right hand bend	Soil	194	ARL4
37938	184	551	0.384	A	R	Cut	Previous observations made by Glenn Thompson (Maintenance Inspector)	Rock	71	ARL2
37939	184	540	2.401	A	R	Fill	?	Soil	124	ARL3
37940	184	540	2.086	A	R	Cut	?	Rock	93	ARL5
37941	184	540	1.944	A	R	Cut	Cut with loose blocks due to intersecting discontinuities	Rock	121	ARL2
37942	184	540	1.786	A	R	Fill	Fill site with large drain above embankment	Both rock and soil	158	ARL4
37943	184	540	1.591	A	R	Fill	Fill 4.5m high	Soil	169	ARL3
37944	184	540	1.304	A	R	Fill	Embankment 8 - 10m high	Both rock and soil	220	ARL3
37945	184	471	9.351	A	R	Cut	Soil/rock cut	Rock	111	ARL5
37946	184	471	9.045	A	R	Cut	Shale cut	Rock	147	ARL5
37947	184	471	8.589	A	R	Cut	Previous observations made by Glenn Thompson (Maintenance Inspector)	Rock	140	ARL4
37948	184	471	3.752	A	R	Cut	Previous observations of unstable blocks made by Glenn Thompson (Maintenance Inspector)	Rock	123	ARL5
37949	184	461	2.053	A	R	Fill	08/06/2010 - Fill and RW up to 2.5 m high -	Soil	156	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
37950	184	461	1.721	A	R	Cut	Cut with large detached boulders	Both rock and soil	253	ARL2
37951	184	461	1.204	A	R	Fill	12/12/2012 - Fill site with road drainage --- PREVIOUS--- Fill site with road drainage and tension crack	Soil	120	ARL2
37952	184	461	1.065	A	R	Cut	Rock Cutting (shale)	Rock	116	ARL5
37953	184	461	0.475	A	R	Fill	Fill 2 m with sandstone R/W	Soil	131	ARL5
37954	184	461	0.386	A	R	Fill	Fill 2m high	Soil	53	ARL3
37955	184	451	4.420	A	R	Cut	?	Both rock and soil	53	ARL5
37956	184	451	4.037	A	R	Cut	?	Both rock and soil	214	ARL3
37957	184	451	3.773	A	R	Fill	?	?	159	ARL4
37958	184	451	3.590	A	R	Fill	12/12/2012 - Steep fill soil slope covered in areas by ? ---	Soil	144	ARL3
37959	184	451	3.342	A	R	Fill	?	Soil	170	ARL3
37960	184	451	2.432	A	R	Fill	?	Soil	157	ARL3
37961	184	430	0.472	A	R	Bridge abutment	Concrete and sandstone abutment	Soil	24	ARL5
37962	184	420	0.001	A	R	Bridge abutment	Western Abutment	Soil	211	ARL5
37963	184	410	2.080	A	R	Cut	Solid cut (exposed)	Both rock and soil	296	ARL3
37964	184	410	0.578	A	R	Fill	Fill site with standing water at toe	Soil	76	ARL4
37965	184	350	1.025	A	R	Bridge abutment	Rickabys Creek Bridge	Soil	8	ARL4
40270	184	300	1.160	A	L	Bridge abutment	22/11/2006 - BRIDGE ABUTMENT ---	Both rock and soil	95	ARL4
40278	184	300	1.165	A	L	Bridge abutment	22/11/2006 - BRIDGE ABUTMENT ---	Both rock and soil	84	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
93139	184	461	1.693	A	L	Fill	The embankment is approximately 3-4m high with a very steep batter, locally in a 3-4m deep creek line at the toe of the slope.	Soil	219	
93282	184	551	0.168	A	R	Cut		?	214	
75003	503	1020	2.199	A	L	Bridge abutment	Currency Creek	Soil	39	ARL4
75004	503	1030	0.700	A	L	Cut	?	Soil	128	ARL5
75005	503	1030	1.651	A	L	Bridge abutment	Howes Creek	Soil	43	ARL4
75006	503	1030	1.779	A	L	Cut	?	Rock	142	ARL3
75007	503	1030	1.980	A	L	Cut	?	Rock	54	ARL3
75008	503	1050	0.499	A	L	Cut	WP03/385 is at section of cut with loosened blocks, weathered zones, fresh rock debris at toe, previous rock fall blocks (???) outside Armco opposite - #9098, 9099, 9100.	Rock	684	ARL2
75009	503	1050	1.407	A	L	Bridge abutment	Roberts Creek	Soil	36	ARL5
75010	503	1050	1.501	A	L	Cut	?	Rock	66	ARL3
75011	503	1050	2.165	A	L	Cut	WP03/371 and WP03/424 mark location of threatening detached block/slab high up on batter (#9078, 9079), debris at toe and opposite outside Armco.	Both rock and soil	1164	ARL3
75012	503	1050	3.404	A	L	Cut	?	Both rock and soil	193	ARL3
75013	503	1070	3.524	A	L	Fill	?	Soil	79	ARL3
75014	503	1070	3.854	A	L	Fill	?	Soil	74	ARL3
75015	503	1070	4.082	A	L	Fill	Pavement subsidence and cracking in slip-lane ~30m from e/f (#9062). e/f at intersection of Lower Colo River Rd, just before Colo River bridge	Soil	261	ARL2

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
75016	503	1082	0.109	A	L	Bridge abutment	Colo River	Soil	193	ARL4
75017	503	1082	1.463	A	L	Cut	?	Both rock and soil	125	ARL3
75018	503	1082	1.658	A	L	Cut	18/01/2012 - Sandstone cutting, narrow shoulder, cliffs above	Rock	452	ARL3
75019	503	1082	2.110	A	L	Cut	?	Both rock and soil	311	ARL2
75020	503	1082	2.491	A	L	Cut	?	Rock	80	ARL3
75021	503	1082	2.571	A	L	Fill	e/f at end of Armco, 3.27km from Lower Colo River Rd before flat parking area and entry to track below road.	Both rock and soil	712	ARL4
75022	503	1082	3.655	A	L	Cut	?	Rock	94	ARL2
75023	503	1082	4.520	A	L	Cut	?	Rock	284	ARL2
75024	503	1082	4.845	A	L	Cut	?	Rock	391	ARL5
75025	503	1082	5.549	A	L	Fill	?	Soil	103	ARL4
75026	503	1082	6.160	A	L	Cut	?	Rock	65	ARL3
75027	503	1082	6.293	A	L	Cut	?	Rock	101	ARL2
75028	503	1082	6.450	A	L	Cut	Slope continues for 240m length as a low shaley cut or no cut, with bouldery natural slope and ledges above. e/c and s/c 6.65km from Lower Colo River Rd, at apex of RH bend, vehicle track entry.	Rock	204	ARL2
75029	503	1082	6.654	A	L	Cut	?	Both rock and soil	239	ARL5
75030	503	1082	6.893	A	L	Cut	?	Both rock and soil	163	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
75031	503	1082	7.093	A	L	Cut	?	Both rock and soil	113	ARL2
75032	503	1082	7.206	A	L	Cut	?	Both rock and soil	577	ARL3
75033	503	1082	7.863	A	L	Cut	?	Rock	166	ARL3
75034	503	1082	9.548	A	L	Cut	?	Rock	310	ARL3
75035	503	1082	10.713	A	L	Cut	?	Both rock and soil	388	ARL4
75036	503	1100	9.445	A	L	Cut	?	Rock	69	ARL5
75037	503	1100	11.269	A	L	Cut	?	Both rock and soil	773	ARL3
75038	503	1100	12.116	A	L	Cut	?	Rock	392	ARL3
75039	503	1110	0.643	A	L	Cut	12/12/2011 - Box cutting in sandstone --	Rock	107	ARL5
75040	503	1110	2.669	A	L	Cut	?	Rock	183	ARL4
75041	503	1110	6.206	A	L	Cut	?	Rock	102	ARL2
77293	503	1110	2.678	A	R	Cut	?	Rock	182	ARL4
77294	503	1110	0.672	A	R	Cut	?	Rock	97	ARL5
77295	503	1100	11.419	A	R	Fill	?	Soil	1314	ARL5
77296	503	1082	10.287	A	R	Cut	?	Both rock and soil	284	ARL3
77297	503	1082	10.028	A	R	Cut	?	Rock	259	ARL4
77298	503	1082	9.544	A	R	Fill	?	Soil	361	ARL4
77299	503	1082	9.167	A	R	Cut	?	Rock	358	ARL2
77300	503	1082	6.628	A	R	Fill	?	Soil	254	ARL4
77301	503	1082	6.088	A	R	Fill	?	Soil	60	ARL4
77302	503	1082	5.638	A	R	Cut	?	Both rock and soil	432	ARL2
77303	503	1082	5.547	A	R	Slope above	?	Both rock and soil	91	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
77304	503	1082	5.346	A	R	Slope above	?	Both rock and soil	201	ARL2
77305	503	1082	3.794	A	R	Cut	18/01/2012 - Sandstone cutting, narrow shoulder, cliffs above	Rock	340	ARL4
77306	503	1082	3.449	A	R	Cut	?	Rock	192	ARL3
77307	503	1082	3.077	A	R	Cut	?	Rock	196	ARL2
77308	503	1082	3.025	A	R	Cut	?	Rock	52	ARL3
77309	503	1082	2.869	A	R	Cut	?	Rock	156	ARL2
77310	503	1082	2.828	A	R	Cut	?	Both rock and soil	41	ARL5
77311	503	1082	2.534	A	R	Cut	?	Rock	294	ARL2
77312	503	1082	1.882	A	R	Fill	Residential developments below at two locations, WP03/495 (320m down from s/f) and, WP03/496 (525m down from s/f), hazard from rock-roll from RTA fill batter and from natural slope below fill toe.	Soil	652	ARL3
77313	503	1082	1.759	A	R	Fill	?	Soil	123	ARL3
77314	503	1082	0.110	A	R	Bridge abutment	Colo River	Soil	196	ARL4
77315	503	1070	4.165	A	R	Cut	?	Rock	189	ARL2
77316	503	1070	3.769	A	R	Cut	?	Both rock and soil	362	ARL3
77317	503	1070	3.576	A	R	Cut	?	Rock	128	ARL3
77318	503	1070	3.467	A	R	Cut	?	Rock	79	ARL5
77319	503	1070	2.957	A	R	Cut	?	Both rock and soil	433	ARL3
77320	503	1070	2.765	A	R	Cut	?	Rock	93	ARL5
77321	503	1070	2.573	A	R	Cut	?	Rock	170	ARL3
77322	503	1050	3.415	A	R	Cut	?	Rock	168	ARL4
77323	503	1050	2.310	A	R	Fill	?	Soil	51	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
77324	503	1030	1.642	A	R	Bridge abutment	Howes Creek	Soil	61	ARL5
77325	503	1020	2.211	A	R	Bridge abutment	Currency Ck	Soil	23	ARL4
84440	515	150	0.045	C	R	Bridge abutment	09/11/2010 - Northern bridge abutment over M4 motorway up to 5m high. ---	Soil	75	ARL5
84441	515	141	0.026	C	R	Bridge abutment	09/11/2010 - Bridge abutments up to 6m high ---	Soil	51	ARL5
84442	515	139	0.033	C	R	Fill	21/10/2010 - Embankment adjacent to detention basin up to 7m high ---	Soil	200	ARL4
84443	515	135	0.100	C	R	Structure above	28/10/2010 - RSW and embankment up to 5m high ---	Soil	253	ARL5
84444	515	110	2.598	A	R	Fill	?	Soil	341	ARL4
84445	515	110	2.248	A	R	Structure above	28/10/2010 - RSW for M7 up to 6m high --	Soil	368	ARL5
84446	515	110	1.812	A	R	Fill	21/10/2010 - Fill embankment for M7 up to 6m high ---	Soil	436	ARL5
84447	515	95	1.540	A	R	Fill	21/10/2010 - Fill embankment up to 8m high for M7 ---	Soil	946	ARL4
84448	515	95	0.713	A	R	Fill	21/10/2010 - Noise mound for M7 up to 5m high ---	Soil	550	ARL5
84449	515	95	0.201	A	R	Fill	19/10/2010 - Noise mound and crib wall with total height of 5m -	Soil	241	ARL4
84450	515	90	0.367	A	R	Fill	19/10/2010 - Noise mound for M7 up to 3.5m high ---	Soil	212	ARL4
84723	515	95	0.646	A	L	Structure below	19/10/2010 - Keystone wall below road up to 3.1m high --- PREVIOUS--- At 1/12/05, roundabout under construction and fill shoulder against top of wall cracked extensively, indicating wall deflection an*	Soil	28	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
84724	515	95	2.794	A	L	Cut	21/10/2010 - CUT UP TO 5M HIGH IN EW-HW ROCK AND RESIDUAL SOIL ---	Both rock and soil	151	ARL4
84725	515	141	0.023	B	L	Bridge abutment	09/11/2010 - Bridge abutments up to 6m high ---	Soil	59	ARL5
84726	515	150	0.093	B	L	Bridge abutment	09/11/2010 - Southern bridge abutment over M4 motorway up to 5m high. ---	Soil	85	ARL5
93091	515	135	0.447	C	R	Fill	11/11/2010 - Embankment up to 2.5m high with detention basin at toe -	Soil	33	ARL5
79105	534	10	1.037	A	L	Fill	26/07/2007 - FILL / CRIBWALL ---	Both rock and soil	83	ARL4
79106	534	10	1.204	A	L	Fill	26/07/2007 - Fill approach ---	Both rock and soil	101	ARL3
79160	534	10	1.197	A	R	Fill	26/07/2007 - Fill approach ---	Soil	64	ARL3
79161	534	10	1.050	A	R	Fill	26/07/2007 - FILL ADJACENT TO ABUTMENT ---	Both rock and soil	70	ARL4
83844	535	120	0.568	B	L	Fill	29/09/2010 - Fill embankment up to 7m high ---	Soil	114	ARL5
83845	535	165	2.241	B	L	Structure above	21/09/2010 - M7 bridge abutment over Elizabeth Drive ---	Soil	40	ARL5
83846	535	190	0.879	A	L	Bridge abutment	21/09/2010 - Bridge abutments up to 2.5m high ---	Soil	34	ARL4
83847	535	200	2.236	A	L	Bridge abutment	08/10/2010 - Bridge abutment up to 6m high	Soil	30	ARL4
83848	535	200	2.400	A	L	Fill	08/10/2010 - Concrete Bridge abutment - 4m high ---	Soil	19	ARL4
83849	535	200	2.458	A	L	Cut	08/01/2010 - Cut in EW shale and residual soil up to 3m high --	Both rock and soil	331	ARL4



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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
83850	535	200	3.966	A	L	Fill	19/10/2010 - Fill embankment up to 3m high with localised scouring ---	Soil	60	ARL3
83884	535	200	2.399	A	R	Fill	08/10/2010 - CONCRETE BRIDGE ABUTMENT - 4M HIGH	Soil	12	ARL4
83885	535	200	2.350	A	R	Fill	08/10/2010 - Bridge abutment up to 5m high. -	Soil	15	ARL4
83886	535	200	2.232	A	R	Bridge abutment	08/10/2010 - Bridge abutment up to 6m high ---	Soil	35	ARL4
83887	535	200	2.070	A	R	Fill	08/10/2010 - Embankment up to 3m high with three culverts	Soil	41	ARL4
83888	535	190	0.879	A	R	Bridge abutment	21/09/2010 - Bridge abutments up to 2.5m high ---	Soil	34	ARL4
83889	535	180	2.613	A	R	Cut	21/09/2010 - Cut up to 3m high in interbedded sandstone and siltstone ---	Rock	40	ARL4
83890	535	175	0.010	C	R	Structure above	21/09/2010 - M7 bridge abutment over Elizabeth Drive ---	Soil	40	ARL5
83891	535	120	0.453	C	R	Cut	21/09/2010 - Cut up to 6m high in EW shale and residual soil ---	Both rock and soil	160	ARL4
79169	536	1040	0.091	A	L	Bridge abutment	15/11/2007 - M4 abutment under Mamre Road ---	Soil	85	ARL5
79177	536	1040	0.084	A	R	Bridge abutment	15/11/2007 - Bridge abutment / cribwall. -	Soil	89	ARL4
15675	537	1050	0.102	A	R	Fill	?	Soil	108	ARL4
15676	537	1040	0.116	A	R	Fill	? Bridge approach up to 5.5m @ 30 deg	Soil	197	ARL3
15678	537	1210	0.450	A	R	Fill	? Fill up to 1.8m @ 25-30 deg. Significant rill erosion (highly dispersive soil?) in embankment. Series of vertical strip drains installed perpendicular to road.	Soil	59	ARL5
15679	537	1200	0.785	A	R	Fill	?	Soil	577	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
15680	537	1200	0.625	A	R	Fill	?	Soil	94	ARL3
15681	537	1200	0.291	A	R	Fill	?	Soil	236	ARL4
15682	537	1190	0.109	A	R	Fill	?	Soil	62	ARL3
15683	537	1160	0.311	A	R	Cut	?	Both rock and soil	337	ARL4
15684	537	1160	0.098	A	R	Fill	?	Soil	213	ARL5
15685	537	1150	2.135	A	R	Fill	?	Soil	689	ARL3
15688	537	1150	2.099	A	L	Fill	?	Soil	748	ARL3
15689	537	1160	0.096	A	L	Fill	?	Soil	168	ARL3
15690	537	1190	0.085	A	L	Fill	?	Soil	58	ARL3
15691	537	1200	0.316	A	L	Fill	16/12/2005 - ? Bridge approach up to 5m -	Soil	207	ARL3
15692	537	1200	0.645	A	L	Fill	Bridge approach up to 5m. End at Eastern side of waste management facility entrance.	Soil	255	ARL3
15693	537	1040	0.119	A	L	Fill	? Bridge approach up to 8m @ 30 deg, 1-2m from c/way. Includes culvert outlet @ start of bridge.	Soil	191	ARL3
18375	537	1050	0.010	A	L	Bridge abutment	?	Soil	100	ARL4
18376	537	1050	0.115	A	L	Fill	?	Soil	185	ARL5
18377	537	1160	0.000	A	L	Bridge abutment	?	Soil	90	ARL5
18379	537	1210	0.010	A	L	Fill	?	Soil	440	ARL4
18380	537	1200	0.530	A	R	Bridge abutment	?	Soil	90	ARL5
18381	537	1050	0.005	A	R	Bridge abutment	?	Soil	95	ARL5
18382	537	1200	0.530	A	L	Bridge abutment	?	Soil	110	ARL5
18383	537	1150	2.840	A	R	Bridge abutment	?	Soil	98	ARL3
14864	546	1060	0.230	A	R	Fill	?	Soil	70	ARL5
14865	546	1040	0.961	A	R	Fill	? Bridge approach. Fill up to 3.5m, 2.5m from c/way. Creek running parallel to fill below footpath.	Soil	48	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
14866	546	1020	0.640	A	R	Cut	? Cut up to 2.5-3m, 1.5m from c/way. Start @ driveway entrance to No. 201.	Rock	152	ARL3
14869	546	1010	0.420	A	R	Fill	?	Soil	70	ARL3
14877	546	1010	0.425	A	L	Fill	?	Soil	95	ARL3
14881	546	1040	0.904	A	L	Fill	?	Soil	97	ARL4
14883	546	1050	0.028	A	L	Structure above	?	Soil	15	ARL3
14884	546	1060	0.250	A	L	Fill	?	Soil	73	ARL4
18055	546	1040	1.001	A	L	Bridge abutment	?	Soil	31	ARL3
18056	546	1040	1.009	A	R	Bridge abutment	?	Soil	31	ARL4
14871	548	10	1.697	A	R	Slope below	Natural slope below road, 5-10m @ 20-50 deg, 2.4m from c/way, heavily vegetated.	Soil	165	ARL4
14872	548	10	1.397	A	R	Slope below	?	Soil	81	ARL4
14873	548	10	1.262	A	R	Slope below	?	Both rock and soil	104	ARL4
14885	548	10	1.252	A	L	Slope below	?	Soil	101	ARL4
14886	548	10	1.386	A	L	Slope below	?	Soil	36	ARL4
14887	548	10	1.450	A	L	Cut	?	Rock	242	ARL3
14888	548	10	1.761	A	L	Fill	?	Soil	75	ARL4
18366	548	10	1.360	A	L	Bridge abutment	?	Soil	20	ARL4
18367	548	10	1.366	A	R	Bridge abutment	?	Soil	31	ARL4
20932	570	1060	2.544	A	R	Cut	?	Soil	86	ARL3
20933	570	1060	2.371	A	R	Bridge abutment	?	Soil	90	ARL5
20934	570	1050	7.669	A	R	Bridge abutment	Concrete Bridge Abutment	Soil	21	ARL5
20935	570	1050	4.310	A	R	Bridge abutment	?	Soil	44	ARL5
20936	570	1050	3.119	A	R	Bridge abutment	?	Soil	62	ARL5
20937	570	1050	2.425	A	R	Cut	?	Soil	82	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
20938	570	1050	2.360	A	R	Cut	?	Both rock and soil	65	ARL4
20939	570	1050	2.334	A	R	Slope above	?	Rock	26	ARL5
20940	570	1050	2.214	A	R	Cut	?	Rock	120	ARL4
20941	570	1050	1.920	A	R	Fill	Fill Slope	Soil	183	ARL2
20942	570	1050	1.773	A	R	Cut	24/01/2013 - ? --- PREVIOUS--- Start cut @ RH hairpin & start of fence	Rock	147	ARL3
20943	570	1050	1.678	A	R	Cut	21/10/2009 - Slope on left going up hill, after culvert K5. ---	Rock	95	ARL4
20944	570	1050	1.534	A	R	Cut	?	Rock	144	ARL2
20945	570	1050	1.472	A	R	Cut	22/10/2009 - Start cut end of wire mesh fence at inlet into culvert --- PREVIOUS--- start cut end of wire mesh fence at inlet nto culvert	Both rock and soil	62	ARL4
20946	570	1050	1.385	A	R	Slope above	27/10/2009 - Slope on LHS going westbound, immediately past culvert -	Rock	47	ARL4
20947	570	1050	1.229	A	R	Cut	27/10/2009 - Start opposite 35km/hr sign, end at inlet to culvert -- -PREVIOUS--- Opposite 35km sign, end at inlet to culvert	Both rock and soil	156	ARL4
20948	570	1050	1.060	A	R	Cut	?	Both rock and soil	140	ARL4
20949	570	1050	0.874	A	R	Fill	?	Soil	134	ARL4
20950	570	1050	0.770	A	R	Fill	?	Rock	59	ARL5
20951	570	1050	0.693	A	R	Fill	?	Soil	77	ARL4
20952	570	1030	0.124	A	R	Fill	?	Soil	113	ARL4
20953	570	1021	0.098	A	R	Bridge abutment	B/O Rail joins B/O GNH	Soil	62	ARL4
20954	570	1011	0.068	A	R	Bridge abutment	Rail OV/BR Macquarie Road out of Springwood	Soil	15	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
23198	570	1011	0.054	A	L	Bridge abutment	?	Both rock and soil	14	ARL3
23199	570	1011	0.101	A	L	Fill	?	Soil	16	ARL3
23200	570	1021	0.087	A	L	Bridge abutment	B/O Rail joins B/O GNH	Soil	60	ARL4
23201	570	1050	0.511	A	L	Cut	?	Rock	91	ARL4
23202	570	1050	0.714	A	L	Cut	22/10/2009 - Cut slope on eastbound side of Hawkesbury Road, north of culvert K26. --- PREVIOUS--- K25	Rock	120	ARL4
23203	570	1050	0.842	A	L	Cut	?	Rock	37	ARL2
23204	570	1050	0.897	A	L	Cut	?	Rock	104	ARL3
23205	570	1050	1.001	A	L	Cut	?	Rock	83	ARL3
23206	570	1050	1.084	A	L	Fill	?	Soil	89	ARL3
23207	570	1050	1.173	A	L	Fill	?	Soil	104	ARL4
23208	570	1050	1.277	A	L	Fill	?	Soil	117	ARL3
23209	570	1050	1.394	A	L	Fill	?	Soil	69	ARL4
23210	570	1050	1.907	A	L	Cut	22/10/2009 - Cut slope on upper side of road, after second hairpin bend going up hill ---	Both rock and soil	157	ARL3
23211	570	1050	2.064	A	L	Cut	?	Rock	147	ARL3
23212	570	1050	2.211	A	L	Fill	?	Soil	105	ARL4
23213	570	1050	3.100	A	L	Bridge abutment	?	Both rock and soil	55	ARL5
23214	570	1050	3.266	A	L	Cut	?	Rock	147	ARL3
23215	570	1050	4.303	A	L	Bridge abutment	?	Soil	45	ARL5
23216	570	1050	7.666	A	L	Bridge abutment	?	Soil	20	ARL2
23217	570	1060	2.354	A	L	Bridge abutment	?	Both rock and soil	67	ARL5
44595	609	20	0.526	A	L	Structure above	R/W, cnr Laruel St	Soil	35	ARL3
44596	609	20	0.581	A	L	Fill	s/f, arch bridge	Soil	130	ARL5
44597	609	20	0.711	A	L	Bridge abutment	BrOv rlwy, Carramar	Soil	29	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
44598	609	20	0.740	A	L	Fill	Fill slope with RW	Soil	82	ARL3
44599	609	30	0.054	A	L	Structure above	s/w	Soil	72	ARL5
44601	609	55	0.359	B	L	Fill	Bridge approach embankment	Soil	18	ARL4
44602	609	55	0.377	B	L	Bridge abutment	BrOv Fairfield St	Soil	98	ARL3
44603	609	55	0.475	B	L	Fill	s/f	Soil	71	ARL5
44604	609	141	0.865	B	L	Cut	s/c	Both rock and soil	192	ARL5
44605	609	141	1.057	B	L	Structure above	R/W	?	84	ARL5
44606	609	165	0.057	A	L	Cut	s/c	Soil	89	ARL5
44607	609	165	0.362	A	L	Cut	s/c	?	72	ARL5
44740	609	55	0.460	C	R	Fill	s/f	Soil	19	ARL3
44741	609	55	0.372	C	R	Bridge abutment	BrOv rlwy, Fairfield	Soil	88	ARL4
44742	609	55	0.336	C	R	Fill	s/f	Soil	36	ARL3
44744	609	20	0.710	A	R	Bridge abutment	BrOv rlwy, Carramar	Soil	30	ARL5
44745	609	20	0.559	A	R	Fill	fill & arch bridge	Soil	151	ARL4
79441	620	178	0.005	A	L	Bridge abutment	17/10/2007 - Macarthur Bridge (Nepean River) / Bridge abutment --- PREVIOUS--- Macarthur Bridge (Nepean River)	Soil	1029	ARL3
79442	620	178	1.269	A	L	Bridge abutment	17/10/2007 - Macarthur Rd below / Bridge abutment --- PREVIOUS--- Macarthur Rd below	Both rock and soil	42	ARL3
79443	620	320	0.072	A	L	Fill	16/10/2007 - South Creek / Fill and culverts ---PREVIOUS--- South Creek	Soil	379	ARL4
79444	620	350	0.729	A	L	Bridge abutment	16/10/2007 - Sydney Water Supply Channel / Bridge abutment --- PREVIOUS--- Sydney Water Supply Channel	Rock	18	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
79999	620	350	0.723	A	R	Bridge abutment	16/10/2007 - Bridge abutment, Sydney Water Supply Channel ---PREVIOUS--- Sydney Water Supply Channel	Both rock and soil	17	ARL3
80000	620	320	0.221	A	R	Fill	16/10/2007 - Fill at South Creek ---	Both rock and soil	19	ARL3
80001	620	178	1.261	A	R	Bridge abutment	17/10/2007 - Macarthur Rd below / bridge abutment. --- PREVIOUS--- Macarthur Rd below	Soil	42	ARL4
80002	620	178	0.007	A	R	Bridge abutment	17/10/2007 - Bridge abutment, Macarthur Bridge (Nepean River)	Soil	1025	ARL3
80003	620	200	0.000	K	R	Bridge abutment	16/10/2007 - Bridge abutment ---	Soil	46	ARL4
80004	620	200	0.130	R	R	Fill	16/10/2007 - Fill slope	Soil	109	ARL4
84188	629	10	0.224	A	L	Fill	?	?	71	
84189	629	31	1.276	B	L	Fill	?	?	110	
84190	629	41	0.101	A	L	Bridge abutment	M4 Motorway	?	94	
84191	629	61	0.401	A	L	Bridge abutment	Ropes Creek	?	67	
84192	629	80	1.066	B	L	Structure below	?	?	36	
84193	629	80	1.102	B	L	Bridge abutment	Railway Line, Mt Druitt	?	120	
84194	629	80	1.222	B	L	Structure below	?	?	92	
84209	629	80	1.219	C	R	Structure below	?	?	95	
84210	629	80	1.098	C	R	Bridge abutment	Railway Line, Mt Druitt	?	121	
84211	629	80	1.059	C	R	Structure below	?	?	39	
84212	629	61	0.397	A	R	Bridge abutment	Ropes Creek	?	73	
84213	629	41	0.097	A	R	Bridge abutment	M4 Motorway	?	86	
84214	629	10	0.213	A	R	Fill	?	?	69	
45185	635	10	0.064	B	L	Fill	s/f, 50m fr. Cumberland Hwy	Soil	470	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
45186	635	50	0.327	B	L	Cut	s/c, steeper cut	Soil	161	ARL4
45187	635	60	0.192	B	L	Fill	30/04/2008 - Embankment fill adjacent to T.way --- PREVIOUS--- s/f, 150m fr. Powers Rd	Soil	251	ARL4
45188	635	60	0.575	B	L	Fill	s/f	Soil	161	ARL4
45189	635	60	0.769	B	L	Fill	30/04/2008 - Embankment --- PREVIOUS--- s/f, BrOv Toongabbie Ck	Soil	167	ARL5
45190	635	70	0.324	B	L	Cut	26/03/2010 - s/c, 1st cut fr. Abott Rd --- PREVIOUS--- Concrete faced cut with property at crest	Both rock and soil	234	ARL4
45191	635	70	0.635	B	L	Fill	30/01/2008 - Retaining wall with fill behind --- PREVIOUS--- s/f, Bus T-way	Soil	180	ARL4
45192	635	95	0.007	B	L	Structure below	s/w, Seven Hills Rd	Both rock and soil	216	ARL4
45193	635	101	0.969	B	L	Cut	20/04/2010 - s/c --- PREVIOUS--- Start coordinates updated due to recent roadworks.	Rock	226	ARL5
45194	635	101	1.195	B	L	Fill	01/03/2008 - Fill and retaining wall --- PREVIOUS--- e/c & s/f & R/W	Soil	221	ARL4
45196	635	107	0.259	B	L	Structure above	s/w, 50m fr. Meurants Ln	?	186	ARL5
45197	635	113	1.016	B	L	Fill	01/05/2008 - Fill slope leading to cycle way --- PREVIOUS--- s/f	Soil	174	ARL5
50582	635	60	0.735	C	R	Bridge abutment		Rock	36	ARL4
50583	635	40	0.323	A	R	Bridge abutment		Soil	92	ARL5
50584	635	40	0.318	A	L	Bridge abutment		Soil	90	ARL5
50585	635	60	0.736	B	L	Bridge abutment		Rock	33	ARL4
81601	635	107	0.026	C	R	Structure above	Cut/cover under Norwest Blvd	Soil	411	ARL3



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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
81602	635	103	0.874	C	R	Structure below	Fill & R/W below road. Start after cut/cover.	Soil	205	ARL5
81603	635	103	0.502	C	R	Structure above	01/05/2008 - Retaining Wall ---PREVIOUS--- s/f, fill & R/W	Soil	112	ARL5
81604	635	103	0.056	C	R	Structure below	19/05/2008 - Retaining wall and fill material --- PREVIOUS--- s/w, R/W & fill	Soil	122	ARL5
81605	635	101	0.157	C	R	Structure above	19/05/2008 - Cutting --- PREVIOUS--- Syd Orbital OvBr	Both rock and soil	140	ARL4
81606	635	70	0.529	C	R	Fill	01/05/2008 - Embankment adjacent to housing --- PREVIOUS--- s/f, Seven Hills Rd	Soil	290	ARL4
81607	635	70	0.256	C	R	Fill	20/04/2008 - Embankment --- PREVIOUS--- s/f	Soil	88	ARL5
81608	635	70	0.037	C	R	Structure above	s/w	Both rock and soil	105	ARL4
81609	635	50	0.484	C	R	Cut	s/c and crib wall	Both rock and soil	63	ARL5
81610	635	10	0.004	C	R	Cut	s/c, cnr Hammers Rd	Both rock and soil	462	ARL5
21051	640	35	0.018	B	L	Fill	Fill embankment	Soil	86	ARL5
21053	640	70	0.412	B	L	Bridge abutment	Bridge over pipeline	Rock	13	ARL5
14891	642	155	0.634	C	R	Structure below	?	Soil	109	ARL5
14892	642	155	0.799	B	L	Structure above	09/02/2006 - ? Coppers log r/wall above and adjacent to culvert. Lateral displacement of fill evident.	Soil	88	ARL5
14893	642	100	0.000	B	L	Cut	?	Both rock and soil	81	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
18368	642	115	0.210	B	L	Bridge abutment	?	Soil	40	ARL4
18369	642	115	0.170	C	R	Bridge abutment	? Railway line underpass abutment (northern). Cracking evident in adjacent footpath.	Soil	50	ARL4
78520	643	121	0.425	B	L	Bridge abutment	?	?	30	
78521	643	125	0.735	B	L	Bridge abutment	?	?	55	
78661	643	125	0.777	C	R	Bridge abutment	?	?	59	
78662	643	121	0.421	C	R	Bridge abutment	?	?	32	
78663	643	121	0.094	C	R	Fill	?	?	155	
15657	644	40	0.640	A	R	Fill	?	Soil	213	ARL4
15658	644	40	0.411	A	R	Fill	?	Soil	72	ARL4
15659	644	40	0.028	A	R	Fill	?	Soil	201	ARL4
15660	644	20	0.043	A	R	Fill	?	Soil	109	ARL4
15663	644	120	0.185	C	R	Fill	?	Soil	105	ARL5
15664	644	120	0.040	C	R	Fill	?	Soil	37	ARL5
15667	644	120	0.004	B	L	Fill	?	Soil	69	ARL5
15668	644	120	0.174	B	L	Fill	?	Soil	133	ARL4
15671	644	10	0.000	B	L	Cut	?	Both rock and soil	150	ARL5
15672	644	20	0.010	A	L	Fill	?	Soil	130	ARL3
15673	644	20	0.172	A	L	Cut	?	Both rock and soil	66	ARL3
18370	644	30	0.100	A	L	Bridge abutment	24/01/2013 - Prospect Hwy bridge abutment (southern) over Great Western Hwy. --- PREVIOUS--- ? Great Western Highway underpass bridge abutment (southern).	Both rock and soil	50	ARL2
18371	644	120	0.075	B	L	Bridge abutment	?	Soil	99	ARL5
18372	644	150	1.072	C	R	Structure above	?	Soil	233	ARL5

## Stewardship Maintenance Contract (SMC) – Sydney West 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
18374	644	30	0.080	A	R	Bridge abutment	24/01/2013 - Prospect Hwy bridge abutment (northern) over Great Western Hwy --- PREVIOUS--- ? Great Western Highway underpass bridge abutment (northern).	Both rock and soil	60	ARL2
18384	644	120	0.080	C	R	Bridge abutment	?	Soil	100	ARL4
18819	646	40	0.379	A	R	Bridge abutment	BrOv M4 North Abutment (M4 E B)	Soil	62	ARL3
18820	646	20	1.930	A	R	Bridge abutment	BrOv cycleway	Rock	32	ARL5
18821	646	20	0.857	A	R	Fill	30m from Bus T-way	Soil	8	ARL4
18822	646	20	0.041	A	R	Fill	?	Soil	28	ARL5
18823	646	20	0.884	A	L	Fill	15m to Bus T-way	Soil	16	ARL4
18824	646	20	1.923	A	L	Bridge abutment	BrOv cycleway	Rock	32	ARL5
18825	646	40	0.387	A	L	Bridge abutment	BrOv M4	Soil	67	ARL3
79802	647	12	1.546	A	L	Bridge abutment	27/07/2007 - Water Supply Channel / BRIDGE ABUTMENT	Soil	16	ARL4
79803	647	20	2.912	A	L	Bridge abutment	27/07/2007 - South Creek / BRIDGE ABUTMENT --- PREVIOUS--- South Creek	Soil	38	ARL4
79827	647	20	2.936	A	R	Bridge abutment	27/07/2007 - South Creek / Bridge Abutment --- PREVIOUS--- South Creek	Soil	32	ARL5
79828	647	12	1.551	A	R	Bridge abutment	27/07/2007 - Water Supply Channel/Bridge abutment --- PREVIOUS--- Water Supply Channel	Soil	16	ARL5
79829	647	12	1.046	A	R	Cut	27/07/2007 - Subvertical cut in shale and sandstone ---	Rock	104	ARL3
80624	680	90	0.174	A	L	Bridge abutment	19/09/2007 - Bridge abutment, Bunbury Curran Creek - Glenfield Rd ---	Soil	60	ARL4

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

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
80625	680	100	0.072	A	L	Bridge abutment	19/09/2007 - Bridge abutment - Glenfield Rd ---	Soil	157	ARL4
80626	680	100	0.229	A	L	Fill	19/09/2007 - Fill - Glenfield Rd ---	Soil	115	ARL4
80644	680	100	0.228	A	R	Fill	19/09/2007 - Fill - Glenfield Rd ---	Both rock and soil	138	ARL3
80645	680	100	0.071	A	R	Bridge abutment	19/09/2007 - Bridge abutment - Glenfield Rd ---	Soil	157	ARL4
80646	680	90	0.163	A	R	Bridge abutment	19/09/2007 - Bridge abutment, Bunbury Curran Creek ---	Soil	84	ARL3
21338	681	15	0.162	B	L	Structure above	Gabion wall	Soil	73	ARL5
21339	681	31	0.027	B	L	Bridge abutment	BrOv Cabramatta Ck	Rock	25	ARL5
21340	681	31	0.191	B	L	Fill	Fill embankment	Soil	95	ARL5
21341	681	41	0.669	B	L	Bridge abutment	M7 Abutment	Soil	65	ARL5
21342	681	41	0.814	B	L	Bridge abutment	BrOv Hinchinbrook Ck	Rock	35	ARL5
21355	681	41	0.831	C	R	Bridge abutment	BrOv Hinchinbrook Ck	Rock	24	ARL5
21356	681	31	0.018	C	R	Bridge abutment	BrOv Cabramatta Ck	Rock	28	ARL5
82694	683	50	0.070	C	R	Structure above	?	Soil	221	ARL3
82695	683	40	0.927	C	R	Structure above	?	Soil	147	ARL3
82696	683	10	0.091	C	R	Bridge abutment	M4 overpass over Reservoir Rd, east abutment, Blacktown	Soil	51	ARL5
82706	683	10	0.108	B	L	Bridge abutment	M4 overpass over Reservoir Rd, west abutment, Blacktown	Soil	44	ARL3
82707	683	40	0.925	B	L	Cut	Balmoral Rd, rail underpass, west abutment	Soil	177	ARL4
82708	683	50	0.074	B	L	Structure above	Rail underpass, Third Avenue, West abutment	Soil	158	ARL5
80773	686	10	0.502	B	L	Fill	27/07/2007 - Fill with noise wall & private property ---	Soil	150	ARL5

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

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
80774	686	15	0.001	A	L	Bridge abutment	01/11/2007 - M5 Motorway / Bridge abutment ---	Soil	26	ARL4
80783	686	15	0.017	A	R	Fill	27/07/2007 - FILL EMBANKMENT ---	Both rock and soil	41	ARL5
93224	687	10	0.243	A	R	Slope below		Rock	200	
14760	691	10	0.102	A	L	Cut	?	Rock	189	ARL5
17800	691	20	0.116	B	L	Bridge abutment	? Old Windsor Rd underpass (southern abutment)	Both rock and soil	30	ARL4
17852	691	20	0.096	B	R	Bridge abutment	? Old Windsor Rd underpass (northern abutment)	Soil	20	ARL5
18387	6004	1201	2.460	B	L	Bridge abutment	?	Soil	30	ARL4
18388	6004	1203	0.407	B	L	Bridge abutment	?	Soil	35	ARL4
18389	6004	1205	0.401	B	L	Bridge abutment	OV BR WALLGROVE RD	Soil	47	ARL4
18390	6004	1215	0.719	B	L	Fill	?	Soil	306	ARL3
18391	6004	1215	2.070	B	L	Bridge abutment	ARCHBOLD OV BR	Soil	17	ARL5
18392	6004	1215	3.028	B	L	Bridge abutment	?	Both rock and soil	48	ARL4
18393	6004	1220	0.265	B	L	Bridge abutment	ROPER RD OV	Soil	38	ARL5
18394	6004	1220	0.892	B	L	Cut	24/01/2013 - M4 westbound cutting, west of Erskine Park Rd, in RS ---	Soil	899	ARL2
18395	6004	1220	1.968	B	L	Bridge abutment	BENNETT RD OVERPASS, SPILL - THROUGH ABUTMENTS	Soil	23	ARL5
18396	6004	1230	0.134	B	L	Fill	?	Soil	296	ARL3
18397	6004	1230	0.430	B	L	Bridge abutment	?	Both rock and soil	66	ARL5
18398	6004	1230	1.809	B	L	Bridge abutment	KENT RD OV	Rock	24	ARL5

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

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
18399	6004	1230	4.552	B	L	Bridge abutment	KINGSWOOD RD OV	Soil	22	ARL5
18400	6004	1230	5.160	B	L	Cut	?	Rock	616	ARL4
18401	6004	1240	0.230	B	L	Bridge abutment	THE NORTHERN RD OV	Soil	30	ARL5
18402	6004	1250	2.167	B	L	Cut	?	Rock	453	ARL4
18403	6004	1260	0.039	B	L	Fill	?	Soil	251	ARL3
18404	6004	1260	0.290	B	L	Bridge abutment	?	Soil	60	ARL4
18405	6004	1270	0.000	B	L	Fill	?	Soil	795	ARL5
18406	6004	1270	0.795	B	L	Fill	Fill embankment with slope protection ADT Bridge	Soil	137	ARL4
18407	6004	1270	0.932	B	L	Bridge abutment	?	Soil	312	ARL5
18408	6004	1270	1.244	B	L	Fill	?	Soil	448	ARL4
18409	6004	1280	0.127	B	L	Structure above	?	Soil	33	ARL3
18410	6004	1280	0.270	B	L	Bridge abutment	RUSSELL ST OV	Soil	34	ARL5
18411	6004	1290	0.875	B	L	Cut	?	Rock	100	ARL3
18412	6004	1290	0.975	B	L	Bridge abutment	RAILWAY OVERBRIDGE	Rock	25	ARL5
18413	6004	1290	1.000	B	L	Cut	?	Rock	308	ARL2
18414	6004	1290	1.308	B	L	Fill	?	Rock	370	ARL3
18500	6004	1290	1.211	C	R	Cut	Governors Dr On-load ramp	Rock	428	ARL4
18501	6004	1290	0.923	C	R	Cut	?	Rock	159	ARL5
18502	6004	1290	0.902	C	R	Bridge abutment	RAIL BRIDGE OV	Rock	21	ARL5
18503	6004	1290	0.883	C	R	Cut	?	Rock	19	ARL4
18504	6004	1290	0.675	C	R	Fill	Fill embankment & pedestrian underpass	Soil	159	ARL4
18505	6004	1290	0.002	C	R	Cut	?	?	673	
18506	6004	1280	0.269	C	R	Cut	?	?	136	
18507	6004	1280	0.243	C	R	Bridge abutment	RUSSELL ST OV	Soil	26	ARL4
18508	6004	1280	0.048	C	R	Fill	Fill embankment	Soil	137	ARL4
18509	6004	1270	1.236	C	R	Fill	Russell St off-load ramp	Soil	458	ARL4
18510	6004	1270	0.882	C	R	Bridge abutment	?	Soil	354	ARL5

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
18511	6004	1270	0.740	C	R	Fill	?	Soil	142	ARL4
18512	6004	1260	0.331	C	R	Fill	Approach Embankment	Soil	109	ARL4
18513	6004	1260	0.270	C	R	Bridge abutment	?	Soil	61	ARL5
18514	6004	1260	0.040	C	R	Fill	On ramp eastbound M4 from Mulgoa Road	Soil	230	ARL4
18515	6004	1240	0.240	C	R	Bridge abutment	THE NORTHERN RD OV	Soil	45	ARL5
18516	6004	1230	4.984	C	R	Cut	?	Rock	404	ARL3
18517	6004	1230	4.360	C	R	Bridge abutment	KINGSWOOD RD OV	Soil	20	ARL5
18518	6004	1230	1.630	C	R	Bridge abutment	KENT RD OV	Soil	30	ARL5
18519	6004	1230	0.267	C	R	Bridge abutment	02/11/2006 - Bridge over Sotuh Creek --	Soil	60	ARL3
18520	6004	1220	1.753	C	R	Bridge abutment	BENNETT RD OV	Soil	43	ARL5
18521	6004	1220	0.852	C	R	Cut	?	Both rock and soil	652	ARL2
18522	6004	1215	3.014	C	R	Bridge abutment	Bridge on small fill	Soil	53	ARL4
18523	6004	1215	2.028	C	R	Bridge abutment	ARCHBOLD RD OV	Soil	18	ARL5
18524	6004	1205	0.371	C	R	Bridge abutment	WALLGROVE RD OV	Soil	25	ARL5
18525	6004	1203	0.079	C	R	Bridge abutment	?	Soil	41	ARL3
18526	6004	1201	1.551	C	R	Bridge abutment	?	Soil	28	ARL3
82798	6004	1203	0.199	S	L	Bridge abutment	Bridge over Eastern Ck (eastern abutment).	Soil	25	ARL4
82804	6004	1135	1.207	C	R	Bridge abutment	19/08/2008 - RSW Abutment --- PREVIOUS--- Bridge over Station St (Centenary Rd) - western abutment.	Soil	31	ARL5
82830	6004	1135	0.289	B	L	Bridge abutment	22/08/2008 - Southern spill through abutment Coleman Street overpass ---	Both rock and soil	21	ARL5

Stewardship Maintenance Contract (SMC) – Sydney West 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
82831	6004	1135	1.480	B	L	Bridge abutment	19/08/2008 - RSW abutment --- PREVIOUS--- Bridge over Centenary Rd - eastern abutment (updated coordinates)	Soil	20	ARL5
82836	6004	1230	0.068	T	L	Structure above	Mamre Rd overpass crib wall abutment.	Soil	39	ARL5
82837	6004	1260	0.000	R	L	Fill	13/07/2008 - fill slope below offload ramp --- PREVIOUS--- Start fill @ concrete bullnose and end @ end of guard rail.	Soil	205	ARL4
82838	6004	1270	0.195	T	L	Fill	23/07/2008 - fill slope below onload ramp --- PREVIOUS--- Start fill near fence and light pole. End @ concrete bullnose.	Soil	95	ARL4
82839	6004	1290	0.081	T	L	Fill	02/07/2000 - Fill slope below onload ramp --- PREVIOUS--- Start fill @ end of guard rail @ western end of ramp (LHS). End @ roundabout (eastern side of ramp).	Both rock and soil	78	ARL3
82840	6004	1280	0.003	R	L	Fill	02/07/2008 - fill slope below offload ramp --- PREVIOUS--- Start fill @ concrete bullnose. End @ end of fence and "Wrong Way Go Back" sign.	Both rock and soil	131	ARL4
82841	6004	1280	0.032	R	L	Fill	02/07/2008 - W/B Russell St Offload from M4, RHS --- PREVIOUS--- W/B Mulgoa Rd Offload from M4, RHS	Both rock and soil	102	ARL4
82849	6004	1290	0.030	U	R	Fill	02/07/2008 - fill slope below offload ramp and above M4 --- PREVIOUS--- Start fill @ concrete bullnose (RHS). End @ roundabout.	Soil	110	ARL3



Stewardship Maintenance Contract (SMC) – Sydney West 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
82850	6004	1280	0.010	S	L	Fill	02/07/2008 - fill slope below onload ramp to M4 ---PREVIOUS--- Start fill approx. 30m before 90km speed sign (LHS). End adjacent to concrete bullnose.	Both rock and soil	100	ARL4
82851	6004	1280	0.050	S	L	Fill	02/07/2008 - fill slope below onload ramp --- PREVIOUS--- Start fill @ roundabout. End @ end of guard rail (RHS).	Soil	230	ARL4
82852	6004	1270	0.090	U	R	Fill	23/07/2008 - fill slope below offload ramp --- PREVIOUS--- Start fill @ concrete bullnose and end @ end of guard rail.	Soil	210	ARL5
82853	6004	1250	0.184	U	R	Fill	23/07/2008 - fill slope below offload --- PREVIOUS--- Start approx. 40m past 70km speed sign. End @ Northern Rd (LHS). Fill continues north along Northern Rd and has been assessed as part of Northern *	Soil	176	ARL3
82854	6004	1250	0.151	U	L	Fill	23/07/2008 - fill slope below offload ramp --- PREVIOUS--- Start @ start of guard rail. End @ Northern Rd (RHS)	Soil	194	ARL5
82855	6004	1240	0.000	S	R	Fill	23/07/2008 - fill slope below onload ramp --- PREVIOUS--- Start onload from Northern Rd (S/B). Fill up to 6m.	Soil	184	ARL4
82856	6004	1230	0.010	U	R	Cut	25/07/2008 - fill slope below offload ramp --- PREVIOUS--- Start @ concrete bullnose. End @ Mamre Rd (LHS)	Soil	100	ARL4
82857	6004	1225	0.168	S	R	Fill	25/07/2008 - fill slope below onload ramp --- PREVIOUS--- Start @ start of guard rail (LHS). End @ end of guard rail.	Soil	100	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
82858	6004	1225	0.082	S	R	Structure above	Crib wall abutment (Mamre Rd overpass)	Soil	49	ARL5
82859	6004	1225	0.168	S	L	Fill	25/07/2008 - fill slope below onload ramp --- PREVIOUS--- Start fill (RHS) approx. 40m past start of Jersey Kerb (tension cracks in pavement)	Soil	51	ARL4
82860	6004	1220	0.227	S	L	Fill	25/07/2008 - fill slope below onload ramp --- PREVIOUS--- Start fill (RHS) @ start of guard rail. End adjacent to noisewall.	Soil	169	ARL4
82861	6004	1220	0.070	S	R	Structure above	Crib wall abutment (Roper Rd overpass)	Soil	31	ARL3
82862	6004	1135	0.181	S	L	Cut	22/08/2008 - Cut slope above M4 --- PREVIOUS--- Start fill RHS. End where verge widens.	Rock	60	ARL4
82863	6004	1135	0.012	S	R	Bridge abutment	22/08/2008 - Northern Spill-through abutment (Coleman Rd overpass). --- PREVIOUS--- Spill-through abutment (Coleman Rd overpass). Assess vulnerability for road above and below.	Both rock and soil	29	ARL4
82873	6004	1203	0.467	R	L	Bridge abutment	Bridge over Eastern Ck (eastern abutment).	Soil	39	ARL5
82874	6004	1203	0.467	R	R	Bridge abutment	Bridge over Eastern Ck (western abutment).	Soil	39	ARL5
82875	6004	1205	0.331	R	R	Fill	Fill RHS. M4 below.	Soil	4	ARL4
82876	6004	1207	0.228	T	L	Structure above	08/08/2008 - Fill slope below onload ramp to M4 westbound --- PREVIOUS--- RSW supporting M7 Offload to M4 (W/B).	Soil	103	ARL3
82877	6004	1205	0.001	S	R	Fill	08/12/2007 - Fill slope below M4 offload --- PREVIOUS--- Fill RHS. M4 below.	Soil	285	ARL4
82878	6004	1205	0.001	S	R	Structure above	RSW above supporting M7 Onload to M4 (E/B).	Soil	285	ARL3

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

RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
82879	6004	1203	0.199	S	R	Bridge abutment	Bridge over Eastern Ck (western abutment).	Soil	25	ARL4
82880	6004	1208	0.000	U	R	Structure below	M7 underpass - onload ramp to Wallgrove Rd, LHS	Soil	37	ARL4
86239	6004	1135	1.129	B	L	Fill	19/11/2008 - Fill embankment box drain at toe ---PREVIOUS--- Structure at toe-aqueduct?	Both rock and soil	101	ARL3
86240	6004	1135	1.230	B	L	Bridge abutment	13/11/2008 - Fill embankment support by bridge abutment ---PREVIOUS--- Finlayson Creek	Both rock and soil	31	ARL4
86241	6004	1150	1.059	B	L	Fill	Includes Pendle Creek Culvert	Soil	340	ARL3
86242	6004	1150	1.569	B	L	Cut	20/11/2008 - Rock cutting shotcrete at crest, soil cut batter above ---PREVIOUS--- Rock cutting shotcrete at crest	Both rock and soil	341	ARL5
86243	6004	1150	2.559	B	L	Fill	25/11/2008 - Embankment below M4 includes 2 cell box culvert , Greystanes Creek ---PREVIOUS--- Low fill includes large Culvert Greystanes Creek	Soil	291	ARL4
86244	6004	1150	3.159	B	L	Fill	25/11/2008 - Retaining structure below road- 3 tier Gabion ---PREVIOUS--- Retaining structure below road	Soil	71	ARL4
86245	6004	1201	0.049	B	L	Bridge abutment	19/11/2008 - RSW supported fill abutment ---PREVIOUS--- Reservoir Road	Both rock and soil	32	ARL3
86575	6004	1135	0.761	C	R	Fill	19/11/2008 - Fill embankment with noise wall and stormwater detention basin at toe ---PREVIOUS--- Fill with noise wall at crest	Both rock and soil	151	ARL4

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Sid e	Slope Type	Slope Description	Slope mat	Slope Length	ARL
86576	6004	1135	0.912	C	R	Bridge abutment	13/11/2008 - RC retaining wall & RSW wing walls --- PREVIOUS--- Finlayson Creek	Both rock and soil	76	ARL4
86577	6004	1135	1.189	C	R	Bridge abutment	13/11/2008 - Concrete retaining wall supported fill abutment ---PREVIOUS--- Centenary Road	Soil	74	ARL4
86578	6004	1140	0.512	C	R	Fill	Fill includes culvert structure Coopers Creek	Both rock and soil	190	ARL4
86579	6004	1150	1.053	C	R	Fill	26/11/2008 - Embankment Below Road ---PREVIOUS--- Fill -noise wall, culvert at Pendle Creek	Soil	339	ARL4
86580	6004	1150	1.542	C	R	Cut	20/11/2008 - Rock cutting with shotcreted and fabric covered crest zones --- PREVIOUS--- Rock cutting-8m high	Both rock and soil	320	ARL3
86581	6004	1150	2.541	C	R	Fill	25/11/2008 - Fill embankment below road, Clunies Ross Bridge abutment --- PREVIOUS--- Extensive pavement cracking	Soil	648	ARL4
86582	6004	1180	0.231	C	R	Bridge abutment	19/11/2008 - Filled abutment, RSW to 5m height. ---PREVIOUS-- - Reservoir Rd	Both rock and soil	37	ARL3
80410	6005	2025	0.467	C	R	Fill	17/10/2007 - Fill embankment ---	Soil	23	ARL3
23255	8001	25	0.115	A	R	Fill	Fill embankment - Cracks in pavement	Soil	70	ARL5
23256	8001	25	0.061	A	R	Bridge abutment	Bridge Abutment	Soil	54	ARL3
23257	8001	25	0.055	A	R	Fill	Fill embankment	Soil	6	ARL5
24252	8001	20	0.033	B	L	Structure below	Piled RW	Soil	481	ARL4
24253	8001	25	0.033	A	L	Fill	Fill embankment adjacent rail	Soil	36	ARL5
24254	8001	25	0.069	A	L	Bridge abutment	Bridge abutment	Soil	51	ARL3

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RMS Ref	Road No	Start link	Start Offs	Start Cway	Side	Slope Type	Slope Description	Slope mat	Slope Length	ARL
24255	8001	25	0.120	A	L	Fill	Fill embankment	Soil	33	ARL5
21977	8002	180	1.015	A	L	Structure above	Gabion Wall	Rock	123	ARL5
21978	8002	180	1.481	A	L	Structure above	Bridge RW below road	Soil	45	ARL5
21979	8002	230	1.641	B	L	Bridge abutment	Bridge abutment and wing walls	Soil	60	ARL5
22002	8002	230	1.654	C	R	Bridge abutment	Bridge abutment and wing walls	Soil	37	ARL4
22003	8002	180	1.497	A	R	Structure above	Block RW below Road	Soil	33	ARL5

### 3.2.10 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](http://home.rta.nsw.gov.au/org/structure/infra/env/managing/biod/corridors_database.html)

### 3.2.11 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)
<b>SYDNEY WEST ZONE</b>				
536	Cnr of Mamre Road & Ainsbury Road	686	Street Marys Depot	7175
154	Opposite Kings Hill Road Orchard Hills	687	Northern rd	12100
154	0.5 km North of Cobbity Road n/b	688	Oran Park	6600
154	Cnr of The Northern Road & Park Road	689	Luddenham	2450
5	Great Western Highway 0.2 km west of Tollgate Drive w/b	690	Linden	3375
5	Park Street	691	Lawson Depot	1120
5	GREAT WESTERN HIGHWAY opposite Mount Street	692	Glenbrook	1440
6004	Just east of Kingswood Road overpass	862	M4	5525
535	Elizabeth Drive 1km east of Mamre Road w/b	863	Cecil Park	1495
5	1 km west of Scott Avenue	1214	Leura	3500

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Road No	Location Description	RMS Ref	Site Name	Site Area (m2)
5	GREAT WESTERN HIGHWAY 0.8 km west of Explorers rd	1215	Katoomba	4625
5	Foy Ave	1216	Medlow bath	1000
5	GREAT WESTERN HIGHWAY 1 km west of Station Street	1217	Medlow bath	1890
5	MT York Road 1.4 km North of GREAT WESTERN HIGHWAY	1218	MT Victoria	11700
184	Darling Causeway 3.7 km North of GREAT WESTERN HIGHWAY	1219	MT Victoria	2496
5	GREAT WESTERN HIGHWAY 0.3 km east of Victoria Falls Road	1220	Brown Town	2625
5	GREAT WESTERN HIGHWAY opposite Foy Ave	1221	Medlow bath	2548
5	GREAT WESTERN HIGHWAY 80 metres west of Genevieve Road	1222	Bullaburra	4576
503	Putty rd 0.3 km North of Blaxlands Ridge Road East Kurrajong	1291	Packer Road	2117
503	Putty rd 8 km North of Colo river	1292	Colo Heights	1232
503	Putty rd 4.1 km North of Wheelbarrow Ridge Road	1293	Colo Heights	2700
503	Putty Road 5.2 km North of Wheelbarrow Ridge rd	1294	Colo Heights	3500
503	13.7 km North of Culoul Saw Mill	1295	Melong Rock	2750
503	4.3 km North of Tinda Creek	1296	Howes Swamp	2496
184	Bells Line of rd 1.5 km west of MT Lagoon Road	1405	Bilpin	2600
184	Bells Line of rd 4 km west of MT Tomah Botanical Gardens	1406	MT Bell	2055
184	Bells Line of rd 1.1 km west of Road to MT Banks	1407	MT Banks	875
184	Bells Line of rd 1.2 km west of MT Wilson Road	1408	MT Banks	2250
184	Bells Line of rd 3.4 km west of MT Wilson Road	1409	MT Wilson	1536
184	Bells Line of rd 3.4 km west of MT Wilson Road	1410	MT Wilson 2	972
184	Bells Line of rd 6.3 km west of MT Wilson Road	1411	Bell	588
184	Bells Line of rd 7 km west of MT Wilson Road	1412	Bell Sub Depot	2665
N/A	68 Mileham Street South Windsor	1510	Windsor Depot	1026
537	Londonderry	1511	Racecourse Road	17000
184	100m west of Windsor Road	1512	Mulgrave rd	3500
181	Cattai Road at the cnr of Millers rd Pitt Town	1513	Millers Road	1265
181	0.8 km North of O'Brien's Road	1514	Wisemans Ferry Road	1672
181	Wisemans Ferry rd 0.5 km south of Old Northern rd	1515	Old Maroota depot	1605
160	Old Northern rd 4.4 km south of Roberts rd	1516	Canoelands	750
0000516	opposite Bell railway station	1600	Bell Station	450
154	Cnr of The Northern rd & Richmond rd	1841	Berkshire Park	3432
154	The Northern rd 50 m North of Londonderry rd n/b	1842	Llandilo	1040
000516	0.5KM FROM 4000 OPPOSITE BELL RAIL STATION	1902	BELL STATION	650
	Cnr of Hume HWY & Narrellan Road	1917	Campbelltown	7020

### 3.2.12 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
<b>SYDNEY WEST ZONE</b>					
LTP Transitway	Bonnyrigg	Light Poles [26] Supply Point [1]	Impact absorbing light poles and supply point	Integral Energy	Integral Energy
LTP Transitway	Liverpool	Impact absorbing Light Poles [5] Standard light Poles [4] Supply Point [1]	Standard light poles, impact absorbing light poles and supply point	Integral Energy	Integral Energy
M5	Ingleburn	Removed Light Poles [11] Standard light Poles [21] Slip Base [2] Supply Point [1]		Integral Energy	Integral Energy
LTP Transitway	Bonnyrigg	Light Poles [31] Supply Point [1]	Standard light poles, impact absorbing light poles and supply point	Integral Energy	Integral Energy
LTP Transitway	Busby	Light Poles [21] Supply Point [1]	Standard light poles, impact absorbing light poles and supply point	Integral Energy	Integral Energy
LTP Transitway	Hitchenbrook	Light Poles [15] Supply Point [1]	Standard light poles, impact absorbing light poles and supply point	Integral Energy	Integral Energy
LTP Transitway	Greenfield Park	Light Poles [26] Supply Point [1]	Standard light poles, impact absorbing light poles and supply point	Integral Energy	Integral Energy
LTP Transitway	Greenfield Park	Light Poles [38] Supply Point [2]	Standard light poles, and supply points	Integral Energy	Integral Energy
M5	Street Andrews	Light Poles [23] Supply Point [1]	Standard light poles, and supply points	Integral Energy	Integral Energy
LTP Transitway	Smithfield	Light Poles [6] Supply Point [2]	Standard light poles, impact absorbing light poles and supply points	Integral Energy	Integral Energy
M5	Casula	Light Poles [23] Supply Point [1]	Standard light poles, and supply points	Integral Energy	Integral Energy
M4 Cycleway	Holroyd	Light Poles [24] Supply Point [1]	Cantilever, Surface light poles, and supply points	Integral Energy	Integral Energy
M5	Glenfield	Light Poles [8] Supply Point [1]	Standard & Slip base light poles, and supply points	Integral Energy	Integral Energy
LTP Transitway	Green Valley	Light Poles [15] Supply Point [1]	Standard light poles, impact absorbing light poles and supply points	Integral Energy	Integral Energy

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Road /Structure Name	Suburb(s)	Quantities [qty]	Items Included	Host Network	Energy Retailer
LTP Transitway	Hitchenbrook	Light Poles [20] Supply Point [1]	Standard light poles, impact absorbing light poles and supply points	Integral Energy	Integral Energy
LTP Transitway	Hitchenbrook	Light Poles [15] Supply Point [1]	Standard light poles, impact absorbing light poles and supply points	Integral Energy	Integral Energy
M5	Glenfield	Light Poles [32] Supply Point [2]	Standard, Impact absorbing & Slip base light poles, and supply points	Integral Energy	Integral Energy
M5	Blairmont	Light Poles [115] Supply Point [2]	Standard light poles, and supply points	Integral Energy	Integral Energy
M4	Lapstone	Light Poles [16] Supply Point [1]	Standard & Surface light poles, and supply points	Integral Energy	Integral Energy
Camden By Pass	Camden	Light Poles [27] Supply Point [1]	Standard light poles, and supply points	Integral Energy	Integral Energy
LTP Transitway	Liverpool	Light Poles [13] Supply Point [1]	Standard light poles, impact absorbing light poles and supply points	Integral Energy	Integral Energy
LTP Transitway	Hitchenbrook	Light Poles [13] Supply Point [1]	Standard light poles, impact absorbing light poles and supply points	Integral Energy	Integral Energy
M4	Penerith	Light Poles [43] Supply Point [1]	Standard light poles and supply points	Integral Energy	Integral Energy
M4	Street Marys	Light Poles [25] Supply Point [1]	Standard light poles and supply points	Integral Energy	Integral Energy
M4	Marys Hill	Light Poles [20] Supply Point [1]	Standard & Surface light poles and supply points	Integral Energy	Integral Energy
Narellan Road	Narellan	Light Poles [11] Supply Point [1]	Standard light poles and supply points	Integral Energy	Integral Energy
M4	Orchard Hills	Light Poles [17] Supply Point [1]	Standard light poles and supply points	Integral Energy	Integral Energy
LTP Transitway	Prairiewood	Light Poles [28] Supply Point [1]	Standard light poles, impact absorbing light poles and supply points	Integral Energy	Integral Energy
Old Windsor Road	Constitution Hill	Light Poles [19] Supply Point [1]	Standard light poles, Surface light poles and supply points	Integral Energy	Integral Energy
LTP Transitway	Bossley Park	Light Poles [12] Supply Point [1]	Impact absorbing light poles and supply points	Integral Energy	Integral Energy
Sunnyholt Road	Parklea	Light Poles [37] Supply Point [1]	Impact absorbing light poles and supply points	Integral Energy	Integral Energy
M5	Raby	Light Poles [4] Supply Point [1]	Standard light poles and supply points	Integral Energy	Integral Energy
M4	Jamisontown	Light Poles [164] Supply Point [1]	Standard light poles and supply points	Integral Energy	Integral Energy



Road /Structure Name	Suburb(s)	Quantities [qty]	Items Included	Host Network	Energy Retailer
M4	Colyton	Light Poles [20] Supply Point [2]	Standard light poles and supply points	Integral Energy	Integral Energy
M4	Emu Plains	Light Poles [17] Supply Point [1]	Standard light poles and supply points	Integral Energy	Integral Energy
M4	Leonay	Light Poles [17] Supply Point [1]	Standard light poles and supply points	Integral Energy	Integral Energy
LTP Transitway	Greenfield Park	Light Poles [18] Supply Point [1]	Standard & Impact absorbing light poles and supply points	Integral Energy	Integral Energy
LTP Transitway	Wetherill Park	Light Poles [4] Supply Point [1]	Impact absorbing light poles and supply points	Integral Energy	Integral Energy
F4	Eastern Creek	Light Poles [46] Supply Point [1]	Standard light poles and supply points	Integral Energy	Integral Energy
Wentworth Avenue	Wentworthville	Light Poles [9] Supply Point [1]	Surface light poles and supply points	Integral Energy	Integral Energy
Cumberland Highway	Wentworthville	Bracket [2]	Bracket	Integral Energy	Integral Energy

### 3.2.13 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
<b>SYDNEY WEST ZONE</b>		
No navigation lights specified in this Contract		

## 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

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RFS Ref.	Name of site	Location	Category	Rest Area Type	Side
<b>SYDNEY WEST ZONE</b>					
15898241		0.07km from Richmond	PA	B	R
15898243		1.2km from M4	INF	B	R
15898244	Bilpin Reserve	48.4km from Lithgow	RA	L	R
15898245		54.1km from Lithgow	PA	B	R
15898246		55.6km from Lithgow	INF	H	R
15898248	Glenbrook	22km from Fish River bridge	PA	B	L
15898251	Pond	66.3km from Lithgow	RA	L	L
15898252		64.5km from Lithgow	IB	H	L
15898254		32km South of Lithgow	INF	B	R
15898255	Mt Tomah Rest Area	35km from Lithgow	RA	L	L
15898257		1.2km South of M4	IB	B	L
15898264		26km from Lithgow	PA	B	L
15898265	Mt. Boyce Lookout	26.5km from Lithgow	INF	B	L
15898266	Mt. Boyce	25.19km from Lithgow	PA	H	R
15898268		1.7km from Kurmond turn off	PA	H	L
15898269		10km from Kurmond Road turn off	PA	B	R
15898270		12.4km from Kurmond turn off	IB	H	L
15898271		16km from Kurmond turn off	PA	H	L
15898272		25.4km from Kurmond Road turn off	PA	B	L
15898273		35km from Kurmond Road turn off	PA	B	L
15898274		43.9km from Kurmond Road turn off	INF	B	R
15898275		47.5km from Kurmond Road turn off	INF	B	L
15898276		51.3km from Kurmond Road turn off	PA	B	L
15898277		54.1km from Kurmond Road turn off	PA	B	L
15898278		62.7km from Kurmond Road turn off	INF	B	L
15898279		67.1km from Kurmond Road Turn off	PA	B	R
15898280	Darling C'way from Bell to Mt Victoria	9.2km from Bell	INF	B	R

### 3.3.2 Truck Arrestor

Road No.	Name of site/Location	Road Loc Ref	Length
MR 503	The Putty Road	Link: 1070 Cway: A Version 3 Offset: 3.45km	110m

### 3.3.3 Heavy Vehicle Inspection Bays

Name	Highway / Road	Direction	Site Description
<b>West Zone</b>			
Huntingwood	Great Western Highway	Westbound	Westbound Site - UBD 188 G 12
Bilpin	Bells Line	Eastbound	Eastbound Site- 1 km West of Bilpin - UBD 46 F/G 7
Cecil Park	Wallgrove Road	Northbound	
Kemps Creek	Elizabeth Drive	Westbound	Westbound Site UBD-246 E/F 2
Kellyville	Windsor road	Southbound	
Baulkham Hills	Windsor road	Westbound	
Box Hill	Windsor Road	Northbound	Northbound Site - Approx 100m north of Guntawong Rd UBD-J 4
Glenbrook	Great western HWY	Eastbound	Eastbound Site UBD-161 N 15
Linden	Great Western	Westbound	Westbound Site UBD B/M 25 B 10
Luddenham	The Northern Road	Northbound	Northbound Site UBD- 223 K 7
Mount Annan	Narellan Road	Westbound	Westbound Site UBD-325 A 10
Mulgoa	Mulgoa Road	Southbound	Southbound Site - UBD 182 G 14
North Rooty Hill	Rooty Hill Road	Southbound	UBD- 167 E 3
Orchard Hills	The Northern Road	Southbound	Southbound Site -1.5km South of M4 Motorway UBD-183 K 13
Putty	Putty	Northbound	Northbound Site UBD- 42 E 14
Riverstone	Garfield Road	Southbound	Southbound Site UBD 107- H 9
Wilberforce	Putty	Southbound	Southbound Site UBD 49 P 8
Windsor Downs	Richmond Road	Southbound	Southbound Site UBD- 85 P 13

### 3.3.4 Over Height Vehicle Warning Systems

Road Name	Road No.	Link	Offset	Carriage Way
Mulgoa Rd	155	1060	1.45	C

### 3.3.5 Schedule of Detour Route Operations, Tidal Flows & Gates

TCS No.	Name of site/Location	Direction	Equipment Type
<b>SYDNEY WEST ZONE</b>			
	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
<b>SYDNEY WEST ZONE</b>			
M4 Western Motorway	Emergency phones	212	Located on both carriageways
Westlink M7	Emergency phones	2	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
<b>SYDNEY WEST ZONE</b>						
LPT at Stocklands, Prairiewood	Prairiewood	1	F8933			
Old Windsor Road (300m south of Norbrik Drive intersection)	Bella Vista	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

GPT – Gross Pollutant Trap

CDS - Continuous Deflective Separation Unit

Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m <sup>2</sup> )	Comment
<b>SYDNEY WEST ZONE</b>								
6004	M4			WB 350m west of Caltex S/S	GPT			Entry via Eastern Creek Raceway, Inspect from M4
6004	M4		187 P14	WB 400m before Wallgrove Road exit sign	GPT			MAY BE SAME AS ABOVE
6004	M4		187 B11	WB 1km west of Wallgrove Road	GPT			Entry behind Freeway sign (Erskine Park/Roper Road Exit 3), clean entry and v-drain
6004	M4		186 M10	WB 2.7km west of Wallgrove Road	GPT			Entry start of guardrail (Wallgrove rd 2km sign on opp side of M4), clean entry and v-drain
6004	M4		186 F10	WB 1.2km west of Archibald Road	GPT			Entry off M4 Roper Road exit (on Erskine Road turnoff at 60km sign)
6004	M4		185 M9	WB 50m west of Bennet Road	GPT			Vehicle entry off Bennet Road through council reserve (GPT past Bennet Road o/pass behind sound wall)
6004	M4			WB 80m west of Mamre Road	GPT			Entry off M4, no guard rail
6004	M4			WB 800m west of Mamre Road	GPT			Entry at end of guardrail
6004	M4			WB 1.1km west of Mamre Road	GPT			Entry at end of guardrail
6004	M4		185 F7	WB Mamre Road on Ramp				Near 110km sign

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Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m <sup>2</sup> )	Comment
6004	M4		185 B7	WB 300m west of RDA	GPT			Entry at end of guard rail
6004	M4		185 A7	WB 800m west of RDA	GPT			Entry at end of guard rail, access via track along M4 west
6004	M4		184 D8	WB 2.75km west of Kent Road	GPT			Entry behind phone bay 385 before Kingswood rd o/pass
6004	M4		184 A8	WB 450m west of Kingswood Road o/pass	GPT			Entry off M4, 450m past Kingswood Drive o/pass
6004	M4		183 N8	WB 1.3km west of Kingswood Road o/pass	GPT			Entry at Penrith sign, behind Northern Road exit sign
6004	M4			WB 500m west of Northern Road	GPT			Entry from Aberdeen Circuit
6004	M4			WB 500m west of Northern Road	GPT			Entry from Aberdeen Circuit - Need Key
6004	M4		183 B5	WB 1.8km west of Northern Road	GPT			Entry from M4, at Mulgoa Road turnoff 1km sign
6004	M4		182 Q4	WB 2.5km west of Northern Road	GPT			Entry from Mulgoa Road exit sign, Glenmore Loch
6004	M4		182 Q4	WB Near Panthers sign	GPT			To left of green sound wall
6004	M4		182 Q4	WB Mulgoa Road turnoff	GPT			50m before lights on RHS of road
6004	M4			WB Mulgoa Road off Ramp - Left	GPT			Entry at phone bay 393
6004	M4			WB Mulgoa Road off Ramp - Right	GPT			Entry at the bottom of the ramp, clean entry tube
	Castlereagh Road			Castlereagh Road	GPT			north from GREAT WESTERN HIGHWAY, opposite PURA milk depot
	Castlereagh Road & Andrews Road		143 H16	Corner of Castlereagh & Andrews Road	GPT			Opposite service station, Corner of Cranebrook Road, fenced - Need Key
6004	M4		182 Q3	EB Mulgoa Road on Ramp				Track behind sound wall

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Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m <sup>2</sup> )	Comment
6004	M4		183 A4	EB Mulgoa Road on Ramp	GPT			Entry off Clyburn Avenue, opposite house number 69
6004	M4		183 C5	EB 1km east of Mulgoa Road	GPT			Entry off Enfield Road, opposite house number 48 - Need Key, track behind sound wall, behind sign (North rd 2km turn off)
6004	M4		183 D6	EB 1.6km East of Mulgoa Road	GPT			Entry behind white water sign, at international regatta sign and emergency phone 392
6004	M4		183 D6	EB 1.8km East of Mulgoa Road	GPT			Entry behind white water sign
6004	M4		183 G7	EB 2.1km East of Mulgoa Road	GPT			End of track at floodway, behind sound wall (concrete timber meet) under sign (North rd 1 km exit) Entry behind white water sign
6004	M4		183 M8	EB Northern Road on Ramp	GPT			Access along side batter on Northern Road, Down gully behind school, park on corner strip- over guardrail into gully
6004	M4		183 P8	EB 300m east of Northern Road	GPT			Entry at phone bay388, take track to left, next to school cricket nets
6004	M4		184 B8	EB 1.2km east of Northern Road	GPT			At phone bay 388 take track to right and follow to end, behind Mamre Road next exit 6km sign, bottom E/B on ramp
6004	M4			EB 1.2km east of Kingswood Road	GPT			Entry off M4
6004	M4		185 C7	EB East of Kent Road at end of dish drain	GPT			Entry off M4, before sign Mamre rd exit 700m

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Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m <sup>2</sup> )	Comment
6004	M4		185 G7	EB Mamre Road on ramp	GPT			Entry off M4 at on ramp, after passing under overpass take track on left behind two green substation boxes
6004	M4	Colyton	185 M8	EB West side of Bennet Road	GPT			Shepherd Street Park/Potters Park, access through field towards Bennett road - Need Key
	Andrew Thompson Place	Colyton	186 C9	Andrew Thompson Place, entry through park	GPT			Through reserve to sound wall, turn right on track
	Andrew Thompson Place	Colyton	186 C9	Andrew Thompson Place, entry through park	GPT			Through reserve to sound wall, turn right, 200m down track
6004	M4		186 G10	Roper Road on Ramp	GPT			Entry off M4, at sign watch for bike, turn onto grass track, GPT on right of track
6004	M4		186 K10	EB at emergency. Phone 372 before Archibold o/pass	Sedimentation Basin			Take track and turn right, long stone channel
6004	M4		186 M10	20m east of Archibold Road o/pass. Take track and turn right	Sedimentation Basin			Follow track parallel to M4 for 600m
6004	M4		186 M10	20m east of Archibold Road o/pass. Take track and turn right	GPT			Follow track parallel to M4 for 850m, next to sound wall
6004	M4		187 B11	20m east of Archibold Road o/pass. Take track and turn right	GPT			Follow track parallel to M4 to old pioneer tunnels, before reserve on left look to right under Wonderland sign?
6004	M4		187 B11	20m east of Archibold Road o/pass. Take track and turn right	Sediment Pit			Follow track parallel to M4 to old pioneer tunnels, before reserve on left look to right under Wonderland sign?



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Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m <sup>2</sup> )	Comment
6004	M4		187 D11	20m east of Archibold Road o/pass. Take track and turn right	GPT			Follow track to rear of Pinegrove Cemetery, exit track at Wallgrove Road exit sign
6004	M4		187 D11	20m east of Archibold Road o/pass. Take track and turn right	Sediment Pit			Follow track to rear of Pinegrove Cemetery, exit track at Wallgrove Road exit sign
	Rutherglen Place	Minchinbury		Rutherglen Place	GPT			Enter Rutherglen Place Berruex Reserve, Minchinbury
6004	M4		187 P14	EB Arnott's Biscuits 20m past reservoir rd sign	GPT			Entry off M4, clean inlet tube, turn onto small grass track then left to start of Arnott's factory
6004	M4		187 P14	EB Arnott's Biscuits 20m past reservoir rd sign	Sedimentation Basin			Follow track to end of Arnott's factory, look left to M4
	Great Western Highway			Falcon Bridge Minks Road	GPT			Clean inlet tube
	Liverpool to Parramatta Transitway				Ecosol RSF 4300			8 RSF 4300 units installed
6004	M4			Near Wallgrove Road intersection	Basin - Dry			
	Great Western Highway			Lapstone Hill	Basin - Dry			Road runoff
6004	M4			At Wallgrove Road and Grey stones Road	Basin - Wet			
6004	M4			Wallgrove Road to Penrith	Swales and Filter Strips			
6004	M4			M4	GPT			
	Elizabeth Drive	Bonnyrigg	248 A4	Before Adlin Road (heading towards Liverpool) at end of noise wall (west)	CDS	908	0.53	2RTA 11 Lid Type Single Gatic - Need Gatic lifters
	Elizabeth Drive	Bonnyrigg	248 D5	100m back from bus Transitway (east)	CDS	908	0.49	2RTA 12 Lid Type Single Gatic - Need Gatic lifters

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Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m <sup>2</sup> )	Comment
	Elizabeth Drive	Bonnyrigg	248 H8	Green Valley Creek, Next to speed camera ahead sign, CDS at rear of compound behind locked gate	CDS	1512	1.47	2RTA 02 Lid Type Galvanised Steel - Need CDS/RTA keys, 18mm socket
	Elizabeth Drive	Bonnyrigg	248 G7	Near rear fence of KFC	CDS	2018	2.41	2RTA 03 Lid Type Galvanised Steel - Need CDS/RTA keys
	Monash Place	Bonnyrigg	248 F6	Off Elizabeth Drive in paddock at end of cul de sac, next to house no. 4	CDS	1512	1.58	2RTA 15 Lid Type Galvanised Steel - Need CDS/RTA keys
	Horsley Drive	Carramar	250 E1	Cnr of Wattle and Edmunds (east) under Charles Peel Bridge	CDS			
	Horsley Drive	Carramar	250 E1	Cnr of Wattle and Edmunds (east) under Charles Peel Bridge	CDS	908	0.49	2RTA 17 Lid Type Fibreglass/Concrete surround
	Horsley Drive	Carramar	251 E1	Corner of River and Sanderson (west)	CDS			
	Horsley Drive	Carramar	252 E1	Corner of River and Sanderson (west)	CDS			
	Horsley Drive	Carramar	253 E1	Corner of River and Sanderson (west)	CDS			
	Horsley Drive	Carramar	254 E1	Corner of River and Sanderson (west)	CDS			
	Horsley Drive	Carramar	255 E1	Corner of River and Sanderson (west)	CDS	908	0.49	2RTA 18 Lid Type Fibreglass/Concrete surround
	Betts Road	Merrylands West	210 B12	Smithfield before Paton Street on footpath next to Central Gardens				
	Cumberland Highway	Liverpool	229 M3	Just Before Kenyons Creek Bridge, opposite group auctions in paddock area				
	Old Windsor Road	Tuscan Waters	169 L2	Heritage Cut Road tunnel under new section Windsor Road (Meurant's Lane end)	Sediment Trap			

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Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m <sup>2</sup> )	Comment
	Old Windsor Road	Glenwood	149 K16	Halfway between Meurant/Celebration Turn left back onto old section of road (near Arnold Place)	Sediment Trap			Opposite AAMI building
	Old Windsor Road	Stanhope Gardens	149 F7	Between Sunnyholt/Samantha Riley Drive	Spillway			
	Old Windsor Road	Parramatta	149 F7	Between Sunnyholt/Samantha Riley Drive on opposite side				
	Old Windsor Road	Parramatta	149 F5	Before Samantha Riley Drive/ adjacent to McCarter Farm	Wet Basin			
	Old Windsor Road	Parramatta	150 F5	Before Samantha Riley Drive/ adjacent to McCarter Farm	Concrete Structure under Road			
	Hart Drive	Wentworthville	190 F14	300m before Darcy Street lights	Sediment Trap			Behind wire compound
	Great Western Highway		189 l66	West just past Toongabbie Road opp golf course next to sign 'upper Parramatta river catchment'	Sediment Trap			
	Great Western Highway		189 l66	West just past Toongabbie Road opp golf course next to sign 'upper Parramatta river catchment'	Wet Basin			
	Great Western Highway		26 L5	At Valley Heights sign	Sediment Trap			Opposite Sun Valley Service Road
	Great Western Highway		26 L5	At Valley Heights sign	Retention Basin			Opposite Sun Valley Service Road
	Great Western Highway	Linden	24 M11	1km East of Tollgate Drive, park just past pedestrian lights	Basin			Walk back along track parallel to road
	Great Western Highway	Linden	24 M11	1km East of Tollgate Drive, park just past pedestrian lights	Basin			Walk through gate to caged rock wall
	Tollgate Drive	Linden	24 J12	Tollgate Drive, Linden	Sedimentation Basin			
	Great Western Highway	Linden	24 J13	200m West of Tollgate Drive	Sedimentation Basin			

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Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m <sup>2</sup> )	Comment
	Great Western Highway		34 E3	East opp Station Street after Woodford overbridge				Look into gully, access from private property
	Great Western Highway		24 G16	At Woodfords Bends 50m before sign rest area 400m	Basin			Walk along black fence by road, look into gully
	Great Western Highway		24 G15	Head 100m east past Bull's Camp.	Sedimentation Basin			Track on left at 80km sign, 50m down track
	Numantia Road	Linden	24 Q10	Turn off Great Western Highway at Martin Place	Sediment Trap			Head West along Numantia Road
	Great Western Highway		25 A10	East across GREAT WESTERN HIGHWAY before Martin PL turnoff	Trap			Trap behind fence
	Weemala Avenue	Linden	25 B9	Head east, park just past street	Sediment Trap			Walk 50m down embankment
	Hawkesbury Valley Way			Under Jim Anderson Bridge	GPT			
	Narellan Road			WB First driveway west of bridge over water supply				
6004	M4			WB near Adderley Street	Detention Basin			
6004	M4			WB near Francis Street	Detention Basin			
6004	M4			WB near Pearson Street	Detention Basin			
6004	M4			WB near Centenary Road	Detention Basin			
6004	M4			WB near Berith Road	Detention Basin			
6004	M4			WB near Hackney Street	Detention Basin			
6004	M4			WB near Pendle Hill Creek	Detention Basin			
6004	M4			WB near CSIRO	Detention Basin			
6004	M4			WB near Clunnies Ross	Detention Basin			
6004	M4			WB near Prospect Highway	Detention Basin			
6004	M4			WB Near Drive Inn	Detention Basin			

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Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m <sup>2</sup> )	Comment
6004	M4			WB near Reservoir Road	Detention Basin			
6004	M4			WB Service centre	Detention Basin			
6004	M4			EB Service centre	Detention Basin			
6004	M4			EB reservoir off ramp	Detention Basin			
6004	M4			EB near Reservoir Road	Detention Basin			
6004	M4			EB near Prospect	Detention Basin			
6004	M4			EB Prospect off ramp	Detention Basin			
6004	M4			EB CSIRO	Detention Basin			
6004	M4			EB near Pendle Hill Creek	Detention Basin			
6004	M4			EB near Hackney Street	Detention Basin			
6004	M4			EB near Berith Road	Detention Basin			
6004	M4			EB near Cumberland Off	Detention Basin			
6004	M4			EB near Florence Street	Detention Basin			
6004	M4			EB near Finlayson Creek	Detention Basin			
6004	M4			EB Great Western Highway	Detention Basin			
6004	M4			WB near Francis Street	GPT			
6004	M4			WB near Centenary Road	GPT			
6004	M4			WB near Berith Road	GPT			
6004	M4			WB near Hackney Street	GPT			
6004	M4			WB near Pendle Hill Creek	GPT			
6004	M4			WB near CSIRO	GPT			
6004	M4			WB near Clunnies Ross	GPT			

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Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m <sup>2</sup> )	Comment
6004	M4			WB near Prospect Highway	GPT			
6004	M4			WB Near Drive Inn	GPT			
6004	M4			WB near Reservoir Road	GPT			
6004	M4			WB Service centre	GPT			
6004	M4			EB reservoir off ramp	GPT			
6004	M4			EB near Reservoir Road	GPT			
6004	M4			EB CSIRO	GPT			
6004	M4			EB near Pendle Hill Creek	GPT			
6004	M4			EB near Hackney Street	GPT			
6004	M4			EB near Berith Road	GPT			
6004	M4			EB near Cumberland Off	GPT			
6004	M4			EB near Florence Street	GPT			
6004	M4			EB near Finlayson Creek	GPT			
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	708	1.27	2RTA 38 Lid Class "D"
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	708	1.27	2RTA 37 Lid Class "D"
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	708	1.27	2RTA 39 Lid Class "D"
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	708	1.27	2RTA 40 Lid Class "D"
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	708	1.27	2RTA 41 Lid Class "D"
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	708	1.27	2RTA 42 Lid Class "D"
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	708	1.27	2RTA 43 Lid Class "D"

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Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m <sup>2</sup> )	Comment
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	708	1.27	2RTA 44 Lid Class "D"
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	708	1.27	2RTA 45 Lid Class "D"
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	708	1.27	2RTA 46 Lid Class "D"
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	708	1.27	2RTA 47 Lid Class "D"
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	708	1.27	2RTA 48 Lid Class "D"
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	1012	1.89	2RTA 49 Lid Class "B" Heavy Duty
	Liverpool to Parramatta Transitway			Parramatta Transitway south of Hume Highway	CDS	1012	1.89	2RTA 50
	Liverpool to Parramatta Transitway	Liverpool		Parramatta Transitway Hoxton Park Road Liverpool	CDS	1009		2RTA 52 Lid Class "D"
	Liverpool to Parramatta Transitway	Liverpool		Parramatta Transitway Hoxton Park Road Liverpool	CDS	708		2RTA 53 Lid Class "D"
	Liverpool to Parramatta Transitway	Liverpool		Parramatta Transitway Hoxton Park Road Liverpool	CDS	708		2RTA 54 Lid Class "D"
	Liverpool to Parramatta Transitway	Liverpool		Parramatta Transitway Hoxton Park Road Liverpool	CDS	1009		2RTA 55 Lid Class "D"
	Liverpool to Parramatta Transitway	Liverpool		Parramatta Transitway Hoxton Park Road Liverpool	CDS	1009		2RTA 56 Lid Class "D"
	Liverpool to Parramatta Transitway	Liverpool		Parramatta Transitway Hoxton Park Road Liverpool	CDS	1009		2RTA 57 Lid Class "D"
	Liverpool to Parramatta Transitway	Liverpool		Parramatta Transitway Hoxton Park Road Liverpool	CDS	708		2RTA 58 Lid Class "D"
	Liverpool to Parramatta Transitway	Liverpool		Parramatta Transitway Hoxton Park Road Liverpool	CDS	708		2RTA 59 Lid Class "D"

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Road No.	Road Name	Suburb	UBD Map Ref	Location Description	Type of Asset	Model	Size (m <sup>2</sup> )	Comment
	Cowpasture Road Upgrade	Liverpool		Cowpasture Road 400m South of Elizabeth Drive Liverpool	CDS	708		2RTA60 Lid Class Heavy Duty
	Cowpasture Road Upgrade	Liverpool		Cowpasture Road 400m South of Elizabeth Drive Liverpool	CDS	1009		2RTA61 Lid Class Heavy Duty
	Cowpasture Road Upgrade	Liverpool		Cowpasture Road 400m South of Elizabeth Drive Liverpool	CDS	1009		2RTA62 Lid Class Heavy Duty
	Cowpasture Road Upgrade	Liverpool		Cowpasture Road 400m South of Elizabeth Drive Liverpool	CDS	708		2RTA63 Lid Class Heavy Duty
	Cowpasture Road Upgrade	Liverpool		Cowpasture Road 400m South of Elizabeth Drive Liverpool	CDS	708		2RTA64 Lid Class Heavy Duty
	Cowpasture Road Upgrade	Liverpool		Cowpasture Road 400m South of Elizabeth Drive Liverpool	CDS	708		2RTA65 Lid Class Heavy Duty
	Liverpool to Parramatta Transitway	Liverpool		Liverpool Transitway	CDS	P0708	1.82	2RTA 68 Lid Class "B"
	Liverpool to Parramatta Transitway	Liverpool		Liverpool Transitway	CDS	P1009		2RTA 69

### 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
<b>SYDNEY WEST ZONE</b>			
200	462	20	
225	25	1	
250	42	7	
280		58	280mm diameter culverts are listed, however no length has been included in the database
300	3,342	204	



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Pipe Dia (mm)	Total Culvert Length (m)	Number of Culverts	Comments
325	64	9	
350	1,308	83	
355	25	1	
357	30	1	
370	-	1	370mm diameter culverts are listed, however no length has been included in the database
375	18,381	2081	
378	45	3	
400	251	43	
425	14	7	
450	33,434	2563	
465	16	1	
475	42	7	
480	-	2	480mm diameter culverts are listed, however no length has been included in the database
500	269	31	
525	3,063	267	
550	139	21	
560	-	1	560mm diameter culverts are listed, however no length has been included in the database
575	-	4	575mm diameter culverts are listed, however no length has been included in the database
600	2,926	273	
625	-	3	625mm diameter culverts are listed, however no length has been included in the database
650	75	14	
675	25	1	
700	304	24	
725	26	2	
750	2,901	172	
775	25	2	
800	282	24	
850	8	4	
900	1,636	101	
950	-	2	950mm diameter culverts are listed, however no length has been included in the database
1000	137	17	
1020	-	2	1020mm diameter culverts are listed, however no length has been included in the database

Pipe Dia (mm)	Total Culvert Length (m)	Number of Culverts	Comments
1050	408	46	
1100	-	2	1100mm diameter culverts are listed, however no length has been included in the database
1150	50	1	
1200	849	42	
1250	9	1	
1300	-	5	1300mm diameter culverts are listed, however no length has been included in the database
1350	113	6	
1400	-	2	1400mm diameter culverts are listed, however no length has been included in the database
1450	-	1	1450mm diameter culverts are listed, however no length has been included in the database
1500	385	15	
1600	500	5	
1650	-	2	1650mm diameter culverts are listed, however no length has been included in the database
1700	31	1	
1750	-	3	1750mm diameter culverts are listed, however no length has been included in the database
1800	227	11	
1900	-	1	1900mm diameter culverts are listed, however no length has been included in the database
2000	-	1	2000mm diameter culverts are listed, however no length has been included in the database
2400	85	4	
2500	-	1	2500mm diameter culverts are listed, however no length has been included in the database
2600	65	1	
3200	80	1	
No size	5495	240	
<b>Total</b>	<b>126,759</b>	<b>6,449</b>	<b>Includes culverts with no size or no length provided</b>

### 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
<b>SYDNEY WEST ZONE</b>						
150	0000005	1460	A2	C	1.3290	1.3320
338	0000005	1515	B1	C	0.0660	0.0670
363	0000005	1515	B1	C	0.1870	0.1880
2783	0000155	1010	A1	C	4.6860	4.6940
2824	0000155	1010	A1	C	4.6140	4.6180
2519	0000184	0400	A1	C	0.2570	0.2630
2658	0000184	0400	A1	C	0.2750	0.2800
2513	0000184	0420	A1	C	0.5600	0.5650
2123	0000184	0430	A1	C	0.2950	0.2980
2577	0000184	0471	A1	C	0.5990	0.6060
1488	0000534	0010	A2	C	0.3830	0.3860
1822	0000537	1040	A1	C	0.1150	0.1210
1499	0000537	1070	A1	C	0.4240	0.4280
1890	0000537	1080	B1	C	0.1270	0.1320
2022	0000537	1100	A1	C	0.2360	0.2420
1511	0000546	1020	A1	C	0.9780	0.9800
1566	0000570	1011	A1	C	0.3290	0.3330
1596	0000570	1030	A1	C	0.2870	0.2880

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1641	0000570	1030	A1	C	1.6350	1.6360
1705	0000570	1030	A1	C	0.5390	0.5430
1645	0000570	1040	A1	C	0.0360	0.0380
1647	0000570	1040	A1	C	0.3280	0.3340
1505	0000609	0055	B1	C	0.1300	0.1350
1382	0000629	0110	A1	C	0.3710	0.3740
427	0000646	0020	A1	C	0.4950	0.4980
493	0000647	0020	A1	C	1.2900	1.2960
1156	0000680	0030	A1	C	0.1970	0.2060
1152	0000683	0030	A1	C	0.9320	0.9350
673	0006004	1270	B2	C	1.2480	1.2490
721	0006004	1290	C1	L	0.7660	0.7680
915	0008002	0240	A1	C	0.0820	0.2840

**3.5.3 Concrete Barrier – Type F Full**

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
<b>SYDNEY WEST ZONE</b>						
320	0000002	0650	C3	R	0.8570	0.8780
578	0000002	0688	B2	L	0.1370	0.2000
51	0000002	0711	B1	L	0.4410	0.6410
199	0000002	0711	B1	C	0.4140	0.6410
111	0000002	0730	B1	L	0.0000	0.0070
271	0000002	0730	B1	C	0.0000	0.0720
253	0000005	0923	B1	L	0.0270	0.0800
246	0000005	0923	B1	R	0.0030	0.0750
279	0000005	0923	C1	L	0.0230	0.0870
229	0000005	0950	B1	R	1.0180	1.0410
278	0000005	0950	C1	L	1.0850	1.1060
227	0000005	1435	C1	R	0.4680	0.5120
10	0000005	1435	C1	R	0.1660	0.3240
74	0000005	1435	C1	R	0.3350	0.4240
138	0000005	1435	B1	C	0.5600	0.8640
244	0000005	1435	C1	R	0.5900	0.7290
277	0000005	1435	B1	L	0.3260	0.4140
270	0000005	1465	C1	R	0.2010	0.2920

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
196	0000005	1465	B1	L	0.1730	0.2930
220	0000005	1465	B1	L	0.0580	0.1510
316	0000005	1465	C1	R	0.0570	0.1600
87	0000005	1475	A1	R	0.0000	0.1480
20	0000005	1505	A1	L	2.2390	2.2500
268	0000005	1515	B1	R	1.2980	1.5580
108	0000005	1515	B1	C	0.2750	1.2980
245	0000005	1515	C1	L	1.5580	1.8840
194	0000005	1515	C1	R	0.0140	0.0360
126	0000013	1085	B1	L	0.3840	0.5860
314	0000013	1085	B1	C	0.3820	0.5860
1	0000013	1085	C2	L	0.3670	0.5970
148	0000013	1085	B1	C	0.0010	0.2670
358	0000013	1085	B1	L	0.0030	0.2680
43	0000013	1095	B1	L	0.0000	0.0030
217	0000013	1095	B1	C	0.0000	0.0060
241	0000013	1106	B1	L	0.2510	0.2610
2821	0000154	1255	A2	C	0.4240	0.4370
2781	0000154	1255	A2	C	0.3930	0.4070
2884	0000155	1060	C1	L	0.3300	0.3380
2945	0000155	1060	C1	L	0.3460	0.3980
2156	0000177	0160	C2	R	0.0350	0.0960
2587	0000177	0160	B2	L	0.1370	0.3950
2315	0000177	0160	C2	R	0.3080	0.3990
2629	0000177	0160	B2	L	0.0440	0.0760
2303	0000184	0540	A1	R	2.6320	2.6690
2251	0000184	0565	A1	C	3.6110	4.1910
1710	0000515	0160	C2	L	0.5390	0.5760
2000	0000515	0160	B1	R	0.5600	0.6020
2025	0000537	1126	A1	R	0.2200	0.2890
1456	0000609	0020	A1	R	0.5530	0.7040
1463	0000609	0020	A1	L	0.5780	0.6990
1468	0000609	0020	A1	L	0.7370	0.7920
1470	0000609	0020	A1	L	0.5000	0.5560
1469	0000609	0030	A2	L	0.0000	0.0750
1471	0000609	0030	A2	L	0.0880	0.1460

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1472	0000609	0030	A2	L	0.1570	0.1820
1286	0000635	0070	B3	L	0.5510	0.8170
953	0000642	0122	C1	L	0.1720	0.1780
1114	0000644	0150	C1	R	1.2970	1.3110
1273	0000680	0040	C1	L	0.1980	0.2020
882	0000680	0080	A2	L	0.3220	0.5420
483	0000681	0028	B1	C	0.5420	0.5930
1270	0000681	0028	B1	R	0.4350	0.4870
1098	0000683	0010	B1	C	0.2450	0.2790
1233	0006004	1201	B4	C	0.0790	1.1980
778	0006004	1201	B4	C	0.0000	0.0500
504	0006004	1205	B1	L	0.0210	0.0590
507	0006004	1220	C2	R	0.0280	0.2110
510	0006004	1225	C1	L	0.0700	0.1860
1241	0006004	1225	C1	R	0.1550	0.2010
658	0006004	1225	C1	L	0.0760	0.1530
659	0006004	1225	B1	L	0.2840	0.3160
913	0006004	1225	B1	R	0.3310	0.3730
1078	0006004	1225	B1	L	0.3210	0.4200
1188	0006004	1225	B1	R	0.3090	0.3810
525	0006004	1290	C1	L	0.7720	0.8160
1089	0006004	1290	C1	R	0.9030	0.9650
1206	0006004	1290	B1	R	0.8240	0.8680
1251	0006004	1290	C1	R	0.8630	0.8780
1264	0006004	1290	C1	R	1.2000	1.6400
516	0008001	0020	B1	R	0.0820	0.1740
816	0008001	0020	B1	L	0.4380	0.4870
865	0008001	0020	C1	L	0.0830	0.1690
960	0008001	0020	C1	R	0.0340	0.1670
986	0008001	0020	B1	R	0.4380	0.4870
666	0008001	0020	C1	L	0.4380	0.4790
667	0008001	0020	B1	C	0.0420	0.0810
866	0008001	0020	B1	L	0.0340	0.1720
1032	0008001	0020	C1	R	0.4280	0.4800
965	0008002	0080	A1	R	0.2060	0.2410
755	0008002	0180	A1	R	2.3550	2.4770

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
912	0008002	0180	A1	L	2.3560	2.4800
1141	0008002	0180	A1	L	2.7380	2.7920
619	0008002	0180	A1	R	2.4860	2.5970
761	0008002	0180	A1	L	2.1500	2.2450
762	0008002	0180	A1	L	1.5960	2.0550
918	0008002	0180	A1	R	2.0660	2.2440
1132	0008002	0180	A1	R	1.6260	1.9780
1137	0008002	0180	A1	L	2.0660	2.1500
1140	0008002	0180	A1	L	2.4920	2.5970
569	0008002	0190	A1	R	2.0460	2.2770
603	0008002	0190	A1	R	2.9180	2.9530
615	0008002	0190	A1	R	0.2240	0.4970
616	0008002	0190	A1	L	0.6360	1.0030
799	0008002	0190	A1	R	1.3650	1.5750
809	0008002	0190	A1	L	2.0490	2.3620
813	0008002	0190	A1	L	0.2260	0.4990
924	0008002	0190	A1	L	1.6890	1.8490
959	0008002	0190	A1	L	1.3690	1.5790
1029	0008002	0190	A1	R	1.2660	1.3070
1177	0008002	0190	A1	R	1.6870	1.8460
1189	0008002	0190	A1	R	0.6340	0.9750
1192	0008002	0190	A1	L	1.2690	1.3080
613	0008002	0190	A1	R	0.0260	0.1660
807	0008002	0190	A1	L	0.0550	0.1680
962	0008002	0190	A1	L	2.4210	2.9730
978	0008002	0190	A1	L	1.0710	1.1470
1182	0008002	0190	A1	R	3.0360	3.0760
1183	0008002	0190	A1	R	2.3970	2.8600
1191	0008002	0190	A1	R	1.0770	1.1460
561	0008007	1060	A1	R	0.4820	0.8600
759	0008007	1060	A1	L	0.4840	0.8980
916	0008007	1070	A1	L	0.0000	0.0220
570	0008007	1070	A1	L	0.1250	0.2580
925	0008007	1070	A1	R	0.1340	0.2490
610	0008007	1080	A1	L	1.3010	1.5280
933	0008007	1080	A1	L	0.4290	0.4660

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
975	0008007	1080	A1	L	0.5140	0.5260
987	0008007	1080	A1	L	0.2750	0.4050
1036	0008007	1080	A1	L	0.8610	0.9510
1260	0008007	1080	A1	R	0.8560	1.2280
972	0008007	1080	A1	R	1.2730	1.6420
522	0008007	1080	A1	R	0.7580	0.7650
760	0008007	1080	A1	L	0.0980	0.1080
771	0008007	1080	A1	L	0.7470	0.7700
827	0008007	1080	A1	R	0.1700	0.2540
877	0008007	1080	A1	L	0.0340	0.0540
1147	0008007	1090	A1	L	0.3220	0.4360
927	0008007	1090	A1	L	0.0310	0.1260
984	0008007	1090	A1	R	0.0170	0.4180
633	0008007	1100	A1	R	0.3940	0.4050
821	0008007	1100	A1	L	0.3960	0.4060
826	0008007	1100	A1	R	0.0940	0.1000
545	0008007	1100	A1	L	1.1260	1.2540
1196	0008007	1100	A1	R	0.7240	1.2750
741	0008007	1110	A1	L	0.4110	0.6310
772	0008007	1110	A1	R	0.4440	0.6360
544	0008007	1120	A1	L	0.7060	0.8540
1229	0008007	1120	A1	R	0.7140	0.7860
818	0008007	1130	A1	L	1.1020	1.2040
930	0008007	1130	A1	L	0.0560	0.7660
931	0008007	1130	A1	R	0.0300	0.3520
773	0008007	1140	A1	L	0.2150	0.2710
1095	0008007	1150	A1	L	0.2770	0.3880
1135	0008007	1150	A1	R	0.2790	0.3610

**3.5.4 Fence Chain Wire**

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
<b>SYDNEY WEST ZONE</b>						
2460	0000177	0300	A2	R	1.8370	1.9410
2991	0000516	0010	A1	L	1.5940	1.9950



**3.5.5 Other Safety Barriers**

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
<b>SYDNEY WEST ZONE</b>						
302	5	1435	B1	R	0.064	0.326
109	5	1505	A1	C	2.418	2.433
170	5	1505	A1	C	2.529	2.546
1812	570	1050	A1	L	0.877	0.893
1813	570	1050	A1	L	0.819	0.831
951	644	110	B1	L	0.141	0.19
1011	644	120	B1	L	0.027	0.078
900	8002	10	B1	L	0	0.038
1042	8007	1080	A1	R	0.028	0.114
991	8007	1080	A1	R	0.102	0.194

**3.5.6 Thrie Beam**

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
<b>SYDNEY WEST ZONE</b>						
334	2	650	C3	R	0.853	0.857
84	2	665	B2	R	0.784	0.794
1199	2	665	B2	R	0.783	0.794
24	2	685	B1	L	2.44	2.724
83	2	685	C1	R	2.717	2.724
102	2	685	B1	R	2.441	2.444
186	2	685	C1	L	2.725	2.73
333	2	685	C1	R	2.785	2.792
381	2	685	C1	L	2.796	2.799
38	2	701	C1	R	0.935	1.061
61	2	701	B1	L	2.929	2.936
112	2	701	B1	R	2.867	2.876
173	2	701	C1	L	3.165	3.17
235	2	701	C1	R	3.166	3.171
258	2	701	B1	L	2.865	2.872
272	2	701	C1	R	3.231	3.235
285	2	701	C1	L	3.228	3.235
355	2	701	B1	R	2.936	2.943

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1255	2	701	B1	R	2.935	2.943
36	2	741	C1	R	2.184	2.19
69	2	741	C1	R	2.281	2.285
121	2	741	B1	L	2.152	2.16
133	2	741	B1	R	2.261	2.265
141	2	741	C1	L	2.272	2.275
212	2	741	B1	L	2.761	2.766
234	2	741	B1	L	2.247	2.256
257	2	741	B1	R	2.755	2.761
283	2	741	C1	R	2.726	2.731
297	2	741	C1	R	2.747	2.753
305	2	741	B1	L	2.738	2.745
330	2	741	C1	L	2.746	2.752
365	2	741	B1	R	2.161	2.167
498	2	741	B1	L	2.756	2.766
499	2	741	B1	L	2.737	2.745
508	2	741	B1	R	2.732	2.736
530	2	741	C1	L	2.171	2.179
575	2	741	C1	L	2.726	2.731
159	5	920	C2	R	1.188	1.203
157	5	1081	A2	R	0.58	0.593
240	13	1125	B1	L	0.122	0.181
2831	154	1020	A1	L	7.934	7.944
2872	154	1020	A1	R	7.932	7.944
2809	154	1040	A1	R	3.037	3.048
2842	154	1040	A1	L	2.747	2.762
2873	154	1040	A1	R	1.009	1.016
2908	154	1040	A1	L	3.039	3.05
2910	154	1040	A1	R	2.751	2.774
2970	154	1040	A1	R	0.334	0.369
2936	155	1040	A1	L	5.106	5.117
2973	160	180	A2	L	0.154	0.169
2341	177	265	A1	L	0.83	0.847
2515	177	265	A1	R	0.149	0.157
2218	179	55	A1	L	0.111	0.121
2270	179	55	A1	R	0.103	0.113

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2159	181	1030	A1	L	0.776	0.787
2449	181	1030	A1	R	0.774	0.783
2468	181	1040	A2	R	0.029	0.04
2492	181	1040	A2	L	0.024	0.034
2126	181	1080	A1	R	5.57	5.605
2601	181	1080	A1	R	0.294	0.305
2130	184	430	A1	L	0.504	0.53
2236	184	430	A1	R	0.503	0.529
2268	184	430	A1	R	0.465	0.471
2393	184	430	A1	L	0.465	0.471
2107	184	461	A1	L	10.87	10.88
2596	184	461	A1	L	10.91	10.93
2114	184	471	A1	R	3.135	3.141
2116	184	471	A1	R	3.122	3.128
2285	184	471	A1	L	3.662	3.677
2656	184	471	A1	L	3.627	3.645
1383	259	10	A1	L	0.847	0.86
1450	259	10	A1	R	0.924	0.934
1576	259	10	A1	L	0.927	0.937
2012	259	10	A1	R	0.844	0.858
1666	259	20	A1	R	0.817	0.832
1970	259	20	A1	L	0.816	0.832
1607	503	1110	A2	R	1.43	1.441
1841	503	1110	A2	R	8.102	8.113
1911	503	1110	A2	L	1.428	1.438
2014	503	1110	A2	L	8.101	8.111
2017	503	1110	A2	L	11.26	11.262
96	503	1120	A4	R	0.003	0.008
1543	503	1120	A4	L	0	0.007
1380	536	1010	A3	L	1.557	1.564
1772	537	1010	A1	L	0.259	0.267
1984	537	1040	A1	R	0.294	0.3
1805	537	1050	A1	R	0.094	0.105
1854	537	1126	A1	L	0.247	0.253
2026	537	1126	A1	L	0.271	0.277
1357	537	1180	A1	R	0.902	0.921

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1415	537	1180	A1	L	0.903	0.921
1396	546	1010	A1	R	1.617	1.635
1507	546	1010	A1	L	1.622	1.655
1437	546	1020	A1	L	0	0.002
1534	570	1050	A1	R	3.175	3.18
1671	570	1050	A1	R	3.115	3.123
1897	570	1050	A1	R	7.689	7.695
1898	570	1050	A1	L	7.688	7.699
1899	570	1050	A1	L	7.661	7.662
1900	570	1050	A1	R	7.658	7.66
1808	570	1060	A1	L	2.474	2.48
1981	570	1060	A1	R	2.473	2.481
1983	570	1060	A1	R	2.346	2.355
2001	570	1060	A1	L	2.345	2.35
1532	609	55	B1	L	0.509	0.514
1289	620	189	B1	L	1.993	2.036
1288	620	190	B1	L	0	0.015
1293	620	190	B1	L	0.051	0.079
1302	620	310	A1	L	0.539	0.569
1305	620	310	A1	R	2.253	2.263
1306	620	320	A1	R	0	0.006
1311	620	320	A1	R	0.228	0.238
428	644	150	C1	R	1.113	1.122
734	644	150	C1	R	1.273	1.293
728	680	70	A1	R	0.731	0.742
654	6004	1201	C4	R	0.195	0.208
1068	6004	1201	C4	R	0.289	0.311
968	6004	1215	C1	R	0.223	0.229
705	6004	1220	B2	L	1.985	1.993
1076	6004	1220	B2	L	0.277	0.304
1134	6004	1220	C2	R	1.761	1.771
562	6004	1230	B1	L	4.551	4.562
664	6004	1230	C1	R	1.634	1.647
1027	6004	1230	B1	L	1.809	1.819
1247	6004	1230	C1	R	2.043	2.061
1246	6004	1240	B1	L	0.225	0.262

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
862	6004	1250	C1	R	2.471	2.494
1261	6004	1290	C1	R	0.249	0.261
558	8002	130	A1	R	0.154	0.246
563	8002	180	A1	R	2.244	2.354
565	8002	180	A1	R	1.525	1.565
567	8002	180	A1	R	2.597	2.736
617	8002	180	A1	R	1.601	1.625
763	8002	180	A1	L	1.463	1.58
764	8002	180	A1	L	1.225	1.299
765	8002	180	A1	L	2.597	2.737
920	8002	180	A1	R	1.227	1.294
1133	8002	180	A1	L	2.246	2.358
1138	8002	180	A1	R	1.575	1.589
598	8002	190	A1	L	1.579	1.689
600	8002	190	A1	R	2.385	2.397
605	8002	190	A1	R	3.076	3.466
608	8002	190	A1	L	0.5	0.636
618	8002	190	A1	R	1.306	1.365
663	8002	190	A1	R	1.146	1.266
766	8002	190	A1	R	1.846	2.047
798	8002	190	A1	R	2.861	2.918
801	8002	190	A1	L	2.973	3.006
804	8002	190	A1	L	1.31	1.369
812	8002	190	A1	L	1.149	1.268
964	8002	190	A1	R	3.025	3.037
966	8002	190	A1	L	3.099	3.477
974	8002	190	A1	R	0.166	0.224
976	8002	190	A1	R	0.498	0.631
1142	8002	190	A1	R	1.575	1.686
1180	8002	190	A1	L	1.849	2.048
1185	8002	190	A1	R	0.022	0.027
1187	8002	190	A1	L	0.169	0.226
576	8007	1070	A1	R	0.249	0.255
805	8007	1080	A1	L	1.282	1.301

**3.5.7 W-Beam Steel Posts**

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
<b>SYDNEY WEST ZONE</b>						
448	0000002	0460	C1	L	0.2650	0.3170
450	0000002	0471	B1	R	0.2990	0.4680
652	0000002	0471	B1	L	0.3000	0.4430
451	0000002	0471	C1	R	0.1650	0.1670
452	0000002	0471	C1	L	0.3400	0.3520
453	0000002	0471	C1	L	0.0600	0.1650
454	0000002	0471	C1	R	0.3160	0.3400
1197	0000002	0471	C1	R	0.0830	0.1670
1198	0000002	0471	C1	L	0.3160	0.3520
457	0000002	0510	B1	L	1.0010	1.0080
458	0000002	0510	C1	R	0.9390	0.9490
456	0000002	0510	B1	L	0.8890	0.9410
460	0000002	0510	C1	R	1.0030	1.0590
461	0000002	0550	B1	L	0.4360	0.4550
463	0000002	0550	B1	L	0.3780	0.4290
464	0000002	0550	B1	R	0.1380	0.1930
465	0000002	0550	C1	L	0.1310	0.1820
462	0000002	0561	B1	L	0.0000	0.0430
466	0000002	0561	B1	R	0.2490	0.2830
467	0000002	0561	C1	L	0.2470	0.2840
188	0000002	0580	C1	L	0.3580	0.4070
469	0000002	0580	B1	R	0.1590	0.2130
471	0000002	0580	B1	R	0.3650	0.4160
473	0000002	0580	C1	L	0.1560	0.2070
215	0000002	0590	C1	L	0.1030	0.1550
238	0000002	0590	B1	R	0.1140	0.1620
237	0000002	0600	C1	L	0.2800	0.3280
260	0000002	0600	B1	R	0.3010	0.3640
261	0000002	0600	B1	L	0.0720	0.1020
289	0000002	0620	B1	R	0.3680	0.4180
290	0000002	0620	B1	R	0.1690	0.2110
309	0000002	0620	C1	L	0.3580	0.4080
335	0000002	0620	C1	L	0.1580	0.2020
40	0000002	0650	C3	R	0.6980	0.8520

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
287	0000002	0650	B1	L	0.0400	0.0540
382	0000002	0650	C3	L	0.5800	0.6290
6	0000002	0655	C1	R	0.1140	0.1440
145	0000002	0665	B2	R	0.7940	0.8030
91	0000002	0665	C1	R	0.0200	0.2090
124	0000002	0665	B2	R	0.7720	0.7840
152	0000002	0665	C1	L	0.0120	0.1080
166	0000002	0675	B1	R	0.1730	0.4800
187	0000002	0675	B1	L	0.4800	0.5340
214	0000002	0675	C1	R	0.6600	0.6770
307	0000002	0675	C1	R	0.2380	0.3610
796	0000002	0675	B1	L	0.2880	0.5340
17	0000002	0685	B1	R	2.4440	2.4580
247	0000002	0685	C1	L	2.7150	2.7240
286	0000002	0685	C1	R	2.5640	2.7170
1248	0000002	0685	B1	R	2.4430	2.4580
39	0000002	0685	C1	L	2.7990	2.8410
90	0000002	0685	B1	R	2.3240	2.3760
174	0000002	0685	B1	L	2.1860	2.3780
236	0000002	0685	C1	R	1.0110	1.7740
259	0000002	0685	C1	R	0.0000	0.3000
1253	0000002	0685	C1	L	1.2050	1.3260
577	0000002	0685	C1	R	2.7910	3.1070
580	0000002	0688	B2	L	1.4500	1.5720
581	0000002	0688	C2	R	1.5260	1.6450
614	0000002	0695	B1	R	1.1020	1.1090
621	0000002	0695	B1	L	1.0940	1.4080
627	0000002	0695	C1	L	1.2220	1.2320
631	0000002	0695	C1	R	0.7130	1.2330
626	0000002	0695	B1	L	0.1500	0.2980
650	0000002	0695	C1	R	1.2550	1.5920
624	0000002	0695	B1	R	1.0130	1.0800
628	0000002	0695	C1	R	0.2570	0.2900
629	0000002	0695	C1	R	2.5920	2.8940
630	0000002	0695	C1	R	1.5860	2.4470
632	0000002	0695	C1	L	1.2560	1.3220
625	0000002	0695	B1	L	0.7230	1.0710

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
23	0000002	0701	B1	R	2.9410	2.9510
123	0000002	0701	B1	L	2.9430	2.9700
185	0000002	0701	C1	R	3.1540	3.1660
475	0000002	0701	C1	L	3.1540	3.1650
1254	0000002	0701	B1	L	2.9350	2.9700
16	0000002	0701	B1	L	3.2290	3.6490
82	0000002	0701	C1	R	3.2350	3.2530
101	0000002	0701	C1	R	3.4940	3.7670
143	0000002	0701	C1	R	2.5100	2.7850
165	0000002	0701	B1	L	2.2050	2.4970
213	0000002	0701	B1	L	2.7500	2.8650
306	0000002	0701	B1	L	0.5660	0.9290
332	0000002	0701	C1	R	1.7280	1.7660
343	0000002	0701	B1	R	2.8320	2.8660
380	0000002	0701	C1	R	1.0640	1.2780
342	0000002	0701	C1	L	3.2340	3.2670
15	0000002	0741	B1	L	2.2570	2.4000
50	0000002	0741	B1	R	2.7620	2.7710
164	0000002	0741	B1	L	2.7660	2.7740
183	0000002	0741	C1	R	2.5520	2.7260
233	0000002	0741	C1	R	2.0050	2.1840
519	0000002	0741	B1	R	2.2650	2.2790
543	0000002	0741	C1	L	2.1550	2.1720
571	0000002	0741	C1	L	2.7050	2.7260
37	0000002	0741	B1	L	3.2290	3.9700
354	0000002	0741	B1	L	2.4000	2.7380
518	0000002	0741	B1	L	2.3950	2.7380
528	0000002	0741	B1	L	3.2280	3.9700
14	0000002	0741	C1	L	5.0480	5.0650
60	0000002	0741	B1	R	2.8550	2.9440
81	0000002	0741	B1	L	2.9830	3.2290
99	0000002	0741	C1	L	2.2750	2.3150
100	0000002	0741	B1	L	0.9210	1.2520
122	0000002	0741	B1	R	2.1600	2.1620
132	0000002	0741	C1	R	2.2850	2.3990
142	0000002	0741	B1	L	1.4720	1.7470
163	0000002	0741	C1	R	0.9020	1.2550



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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
184	0000002	0741	B1	L	2.0610	2.1520
198	0000002	0741	B1	L	2.8920	2.9320
211	0000002	0741	C1	R	1.4950	1.8080
256	0000002	0741	C1	L	2.9220	3.0030
284	0000002	0741	B1	R	4.9650	5.0210
304	0000002	0741	C1	R	3.2950	4.0220
353	0000002	0741	C1	R	4.8480	4.9380
364	0000002	0741	C1	R	2.9270	2.9680
378	0000002	0741	C1	L	2.7520	2.7930
379	0000002	0741	B1	L	4.6830	4.7330
497	0000002	0741	B1	R	2.1280	2.1620
517	0000002	0741	B1	R	2.6940	2.7320
524	0000002	0741	B1	L	5.0010	5.0210
542	0000002	0741	C1	R	2.7530	2.7810
572	0000002	0741	C1	R	5.0560	5.0650
574	0000002	0741	C1	L	2.2730	2.3150
161	0000002	0751	C1	R	0.9230	1.4770
232	0000002	0751	C1	L	1.4570	1.4790
59	0000002	0751	C1	L	0.0000	0.0620
162	0000002	0751	B1	R	1.4630	1.5340
231	0000002	0751	B1	L	0.9510	1.5340
331	0000002	0751	B1	R	0.0000	0.0300
526	0000002	0751	B1	L	0.0000	0.0120
573	0000002	0751	C1	R	0.0000	0.0310
160	0000005	0785	B1	R	0.2110	0.2650
181	0000005	0785	C2	L	0.2120	0.2590
180	0000005	0831	B1	L	0.5950	0.6050
208	0000005	0840	C1	R	0.4380	0.6030
207	0000005	0851	C1	R	0.0000	0.1760
254	0000005	0871	B1	L	0.6070	0.8980
281	0000005	0871	B1	L	0.1810	0.4250
328	0000005	0871	C1	R	0.1750	0.4450
329	0000005	0871	C1	R	0.7220	0.8890
350	0000005	0880	C1	R	0.0400	0.3230
351	0000005	0880	B1	L	0.0600	0.3670
375	0000005	0900	C2	R	0.0050	0.1260
376	0000005	0900	B2	L	0.0300	0.0970

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
31	0000005	0910	B2	L	0.3220	0.3720
78	0000005	0910	B2	R	1.0870	1.3270
95	0000005	0910	B2	L	0.9940	1.0440
139	0000005	0910	C2	R	0.1750	0.4750
221	0000005	0910	C2	L	0.2360	0.5340
30	0000005	0920	C2	R	0.7040	0.7800
119	0000005	0920	C2	R	1.1840	1.1870
151	0000005	0920	C2	L	0.7520	0.7810
179	0000005	0920	B2	R	0.8330	0.8630
318	0000005	0920	B2	L	0.8340	1.1410
4	0000005	0920	C2	R	1.2020	1.2180
77	0000005	0920	C2	R	0.8180	1.0250
206	0000005	0920	C2	R	0.0900	0.2410
230	0000005	0920	B2	L	1.3740	1.3770
327	0000005	0920	B2	R	1.2010	1.2490
374	0000005	0920	B2	L	0.7250	0.7980
280	0000005	0923	B1	L	0.0000	0.0270
29	0000005	0930	C1	L	1.2970	1.5650
76	0000005	0930	C1	L	0.3110	0.3420
118	0000005	0930	C1	L	0.6450	0.9210
158	0000005	0930	C1	L	0.1480	0.1660
205	0000005	0930	C1	R	2.0520	2.0930
317	0000005	0930	C1	R	1.3240	1.3880
326	0000005	0930	B1	R	1.5700	1.8930
372	0000005	0930	B1	L	1.3470	1.3920
373	0000005	0930	B1	L	2.0530	2.0940
22	0000005	0950	C1	R	0.1990	0.2150
370	0000005	0990	C1	R	0.5030	0.5190
371	0000005	0990	C1	R	0.4750	0.4920
75	0000005	1072	A2	L	0.0020	0.0280
117	0000005	1081	A2	R	0.5930	0.6050
252	0000005	1081	A2	L	0.3620	0.3780
204	0000005	1081	A2	R	0.5690	0.5800
251	0000005	1081	A2	L	0.3270	0.3500
324	0000005	1090	A2	R	0.3460	0.3850
11	0000005	1431	C2	R	0.0000	0.1820
12	0000005	1431	C2	R	0.2680	0.4570

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
349	0000005	1431	B2	L	0.0060	0.0930
197	0000005	1435	C1	R	0.5120	0.5890
228	0000005	1435	B1	L	0.4140	0.4560
55	0000005	1435	B1	L	0.8640	0.8920
89	0000005	1435	C1	R	0.9060	1.1200
94	0000005	1435	B1	L	0.9860	1.0950
156	0000005	1435	C1	R	0.4310	0.4550
348	0000005	1435	C1	R	0.8100	0.9080
178	0000005	1435	B1	L	0.4810	0.5600
243	0000005	1445	A1	R	0.1710	0.8300
3	0000005	1450	A1	L	0.9010	1.0030
49	0000005	1450	A1	L	0.7330	0.8610
88	0000005	1450	A1	L	0.5510	0.6720
110	0000005	1450	A1	L	0.0110	0.4700
295	0000005	1450	A1	R	1.6230	1.8590
340	0000005	1450	A1	R	1.2900	1.4510
149	0000005	1460	A2	R	0.3960	0.5240
315	0000005	1465	C1	R	0.1830	0.2010
21	0000005	1475	A1	R	2.3910	2.6120
171	0000005	1475	A1	R	2.2080	2.3780
242	0000005	1490	A1	L	0.4120	0.5050
339	0000005	1490	A1	R	0.6820	0.8520
47	0000005	1515	C1	R	1.3670	1.7090
48	0000005	1515	B1	L	0.2000	0.2230
131	0000005	1515	C1	R	0.6430	0.7650
269	0000005	1515	B1	L	1.5580	1.6940
341	0000005	1521	A1	R	0.8640	0.9040
362	0000005	1521	A1	L	0.8570	0.8860
68	0000005	1521	A1	R	0.7430	0.8410
130	0000005	1521	A1	R	0.4430	0.5730
219	0000005	1521	A1	R	0.2120	0.2430
293	0000005	1521	A1	L	0.0470	0.2120
294	0000005	1521	A1	R	1.1420	1.2250
2	0000005	1530	A1	R	0.0210	0.1260
67	0000005	1530	A1	R	0.5960	0.6300
2989	0000005	1540	A1	R	0.6400	1.0040
2992	0000005	1540	A1	R	1.0350	2.2810

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2988	0000005	1540	A1	L	0.4120	0.5200
2987	0000005	1540	A1	L	1.1240	1.1960
361	0000013	1010	C1	R	0.2010	0.2540
193	0000013	1010	B1	R	0.2050	0.2530
129	0000013	1020	B1	L	0.7500	0.7590
46	0000013	1020	B1	L	0.4100	0.6860
192	0000013	1020	C1	L	0.7420	0.7460
292	0000013	1030	B1	L	0.0220	0.2470
128	0000013	1060	B1	L	1.0570	1.0780
218	0000013	1060	B1	L	0.9940	1.0300
65	0000013	1075	C1	L	0.2180	0.2540
264	0000013	1075	B2	L	0.2000	0.2500
313	0000013	1106	B1	L	0.2930	0.3090
85	0000013	1115	B1	L	0.8870	0.8910
107	0000013	1125	C1	L	0.0110	0.0800
337	0000013	1125	B1	L	0.1810	0.2530
18	0000013	1125	C1	L	0.1320	0.2010
169	0000013	1125	B1	L	0.0000	0.0720
168	0000013	1130	B1	R	0.2600	0.2790
189	0000013	1130	B1	L	0.2640	0.3050
191	0000013	1130	C1	L	0.2280	0.2400
336	0000013	1130	C1	R	0.2400	0.2460
45	0000013	1130	C1	R	0.2840	0.3010
106	0000013	1130	C1	L	0.2540	0.2840
266	0000013	1130	B1	L	0.1830	0.2390
265	0000013	1152	B2	L	0.0750	0.0820
44	0000013	1152	C2	L	0.0800	0.0990
359	0000013	1152	B2	L	0.0040	0.0110
127	0000013	1155	C1	L	0.0000	0.0030
2820	0000154	1020	A1	L	7.9450	7.9530
2855	0000154	1020	A1	L	6.2020	6.2280
2861	0000154	1020	A1	R	7.9450	7.9610
2871	0000154	1020	A1	R	6.2010	6.2390
2770	0000154	1020	A1	L	3.6970	3.7290
2816	0000154	1020	A1	L	7.9170	7.9340
2868	0000154	1020	A1	R	8.3030	8.3330
2886	0000154	1020	A1	R	3.6960	3.7520

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2887	0000154	1020	A1	R	7.9210	7.9330
2902	0000154	1020	A1	R	7.2460	7.3350
2907	0000154	1020	A1	R	6.1560	6.1880
2930	0000154	1020	A1	L	8.5680	8.5910
2947	0000154	1020	A1	R	7.0520	7.0790
2961	0000154	1020	A1	L	7.1810	7.2080
2962	0000154	1020	A1	L	6.1480	6.1900
2899	0000154	1030	A1	L	0.7180	0.7740
2983	0000154	1030	A1	R	0.7180	0.7360
2938	0000154	1030	A1	L	0.6790	0.6970
2959	0000154	1030	A1	R	0.6790	0.6980
2832	0000154	1040	A1	R	1.0170	1.0310
2838	0000154	1040	A1	L	2.7630	2.7700
2851	0000154	1040	A1	R	2.7760	2.7920
2856	0000154	1040	A1	L	3.0510	3.0570
2876	0000154	1040	A1	R	0.3720	0.4130
2975	0000154	1040	A1	R	3.0510	3.0680
2790	0000154	1040	A1	R	0.3300	0.3330
2810	0000154	1040	A1	L	3.0190	3.0390
2828	0000154	1040	A1	R	1.2460	1.2700
2834	0000154	1040	A1	R	0.9930	1.0100
2860	0000154	1040	A1	L	0.3270	0.3570
2863	0000154	1040	A1	R	3.0280	3.0370
2864	0000154	1040	A1	R	3.9740	3.9960
2866	0000154	1040	A1	R	3.5690	3.6080
2882	0000154	1040	A1	R	4.0880	4.1200
2892	0000154	1040	A1	L	1.2450	1.2700
2901	0000154	1040	A1	L	2.7320	2.7470
2914	0000154	1040	A1	L	4.0830	4.1150
2932	0000154	1040	A1	L	3.5660	3.6010
2935	0000154	1040	A1	L	3.2350	3.2630
2944	0000154	1040	A1	L	4.3380	4.3660
2960	0000154	1040	A1	L	3.9610	3.9850
2827	0000154	1060	A1	R	2.2530	2.2630
2767	0000154	1070	A1	L	1.1760	1.2350
2772	0000154	1070	A1	R	2.2150	2.3810
2773	0000154	1070	A1	L	3.2460	3.3820

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2774	0000154	1070	A1	L	2.1880	2.3260
2836	0000154	1070	A1	R	5.8240	5.9260
2875	0000154	1070	A1	R	1.1850	1.2440
2877	0000154	1070	A1	L	5.7500	5.7800
2890	0000154	1070	A1	R	0.0000	0.5310
2891	0000154	1070	A1	L	6.7310	6.8450
2912	0000154	1070	A1	L	4.9450	4.9710
2917	0000154	1070	A1	R	5.6730	5.7090
2920	0000154	1070	A1	R	4.4530	4.6390
2923	0000154	1070	A1	L	1.8290	1.9350
2950	0000154	1070	A1	L	4.4890	4.5860
2951	0000154	1070	A1	R	1.8450	1.9800
2952	0000154	1070	A1	L	3.1450	3.2330
2953	0000154	1070	A1	R	3.1520	3.3670
2955	0000154	1070	A1	L	4.0150	4.0360
2958	0000154	1070	A1	R	4.9460	4.9710
2965	0000154	1070	A1	L	5.6820	5.7160
2967	0000154	1070	A1	R	5.7540	5.7850
2976	0000154	1070	A1	L	0.2660	0.3250
2775	0000154	1080	C1	R	0.3210	0.3910
2954	0000154	1080	B1	L	0.0020	0.1270
2779	0000154	1100	C2	R	0.0090	0.1800
2894	0000154	1100	C2	R	0.3640	0.4040
2957	0000154	1100	B1	L	0.0020	0.2450
2768	0000154	1180	A1	L	1.4540	1.4900
2956	0000154	1180	A1	R	1.4530	1.4810
2769	0000154	1190	A1	R	2.0770	2.1360
2771	0000154	1190	A1	L	1.8550	1.8990
2777	0000154	1190	A1	R	1.1320	1.1530
2780	0000154	1190	A1	R	0.0140	0.0580
2797	0000154	1190	A1	R	1.8540	1.8760
2798	0000154	1190	A1	L	2.0770	2.1200
2799	0000154	1190	A1	L	1.2740	1.2890
2804	0000154	1190	A1	L	0.0030	0.0390
2782	0000154	1200	A1	R	3.5630	3.6100
2808	0000154	1200	A1	L	3.5600	3.6080
2812	0000154	1200	A1	R	5.4150	5.4320

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2784	0000154	1210	A1	L	0.1120	0.1600
2814	0000154	1210	A1	R	0.1150	0.1630
2776	0000154	1230	A1	L	0.7050	0.7420
2778	0000154	1230	A1	R	1.3840	1.4030
2819	0000154	1230	A1	R	1.2090	1.3450
2786	0000155	1010	A1	R	4.2810	4.3320
2787	0000155	1010	A1	R	3.4450	3.5120
2788	0000155	1010	A1	L	2.2510	2.3250
2793	0000155	1010	A1	R	3.0010	3.0590
2794	0000155	1010	A1	L	1.5290	1.5530
2795	0000155	1010	A1	L	4.2770	4.3250
2823	0000155	1010	A1	L	3.2640	3.3240
2826	0000155	1010	A1	L	1.2190	1.2430
2830	0000155	1010	A1	R	3.2550	3.3110
2833	0000155	1010	A1	R	2.2580	2.2940
2835	0000155	1010	A1	R	1.5390	1.5630
2837	0000155	1010	A1	R	1.2230	1.2490
2803	0000155	1030	A1	L	0.6280	0.6530
2846	0000155	1030	A1	R	0.6250	0.6440
2789	0000155	1030	A1	L	2.4920	2.5110
2796	0000155	1030	A1	L	0.7800	0.8450
2801	0000155	1030	A1	L	0.5730	0.6150
2839	0000155	1030	A1	R	0.5840	0.6100
2840	0000155	1030	A1	L	2.2000	2.2650
2841	0000155	1030	A1	R	0.7780	0.8530
2852	0000155	1040	A1	L	6.9760	6.9900
2893	0000155	1040	A1	R	6.9780	6.9910
2896	0000155	1040	A1	L	5.1170	5.1350
2916	0000155	1040	A1	L	2.8830	2.9430
2800	0000155	1040	A1	L	0.9040	0.9300
2805	0000155	1040	A1	R	2.0330	2.1200
2806	0000155	1040	A1	R	1.8730	1.9780
2807	0000155	1040	A1	R	1.3270	1.3940
2813	0000155	1040	A1	R	2.3610	2.3990
2815	0000155	1040	A1	L	6.0980	6.1460
2818	0000155	1040	A1	R	8.1980	8.2570
2822	0000155	1040	A1	R	0.3060	0.3900

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2829	0000155	1040	A1	L	7.4330	7.5250
2844	0000155	1040	A1	L	2.0420	2.1220
2847	0000155	1040	A1	L	0.8010	0.8570
2848	0000155	1040	A1	L	1.9260	1.9770
2849	0000155	1040	A1	L	1.3310	1.3900
2850	0000155	1040	A1	L	0.9890	1.0270
2853	0000155	1040	A1	L	6.9420	6.9580
2857	0000155	1040	A1	R	0.7540	0.9190
2858	0000155	1040	A1	L	2.3530	2.3930
2862	0000155	1040	A1	L	0.2860	0.3630
2865	0000155	1040	A1	R	0.9850	1.0190
2867	0000155	1040	A1	L	8.2170	8.2690
2869	0000155	1040	A1	L	5.8630	5.8990
2870	0000155	1040	A1	R	7.4460	7.4810
2874	0000155	1040	A1	R	2.5840	2.6620
2879	0000155	1040	A1	L	2.8390	2.8650
2881	0000155	1040	A1	L	3.7820	3.8180
2883	0000155	1040	A1	L	3.9370	3.9940
2895	0000155	1040	A1	R	5.0800	5.1500
2900	0000155	1040	A1	R	6.9460	6.9600
2903	0000155	1040	A1	R	6.7050	6.7290
2906	0000155	1040	A1	R	6.1090	6.1620
2909	0000155	1040	A1	R	5.8690	5.9010
2919	0000155	1040	A1	L	6.6850	6.7300
2925	0000155	1040	A1	R	5.5210	5.5490
2926	0000155	1040	A1	R	3.7500	4.0300
2928	0000155	1040	A1	L	5.0550	5.1060
2937	0000155	1040	A1	L	5.5150	5.5450
2943	0000155	1040	A1	R	2.8310	2.9510
2880	0000155	1040	A1	R	3.3460	3.4140
2885	0000155	1060	C1	R	0.8200	0.8350
2946	0000155	1060	C1	R	0.8490	0.8710
2792	0000160	0180	A2	L	0.1680	0.2040
2934	0000160	0180	A2	L	3.5580	3.5730
2974	0000160	0180	A2	L	0.1450	0.1540
2918	0000160	0230	A2	L	6.8740	6.9170
2921	0000160	0240	A2	L	1.7590	1.8810



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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2924	0000160	0240	A2	R	3.8900	4.0550
2978	0000160	0240	A2	L	4.4370	4.5050
2982	0000160	0240	A2	L	2.1280	2.2300
2352	0000177	0070	A1	L	8.0570	8.0910
2436	0000177	0070	A1	R	8.0760	8.1110
2620	0000177	0070	A1	R	7.8870	7.9100
2153	0000177	0080	C1	R	0.0550	0.1010
2621	0000177	0080	B1	L	0.2150	0.2250
2669	0000177	0080	B1	L	0.2340	0.2760
2708	0000177	0080	B1	L	0.0220	0.0570
2043	0000177	0090	B1	L	0.0000	0.0180
2309	0000177	0090	B1	L	0.6430	0.6660
2622	0000177	0090	B1	L	0.3830	0.5450
2438	0000177	0101	B1	L	0.0000	0.0050
2439	0000177	0101	B1	L	0.8020	0.8340
2440	0000177	0101	B1	L	0.2140	0.5040
2623	0000177	0101	C1	R	0.8580	0.8630
2094	0000177	0105	C2	R	0.5790	0.6910
2155	0000177	0105	C2	R	0.1590	0.3050
2710	0000177	0105	B2	L	0.3310	0.4720
2711	0000177	0105	C2	R	0.0000	0.0110
2314	0000177	0107	B2	L	0.3990	0.5490
2445	0000177	0107	B2	L	0.1520	0.2950
2395	0000177	0150	C3	L	0.7660	0.8100
2446	0000177	0150	C3	L	0.8730	0.9440
2628	0000177	0150	B3	R	0.8670	0.8850
2673	0000177	0160	C2	R	0.5060	0.5190
2672	0000177	0165	C1	R	0.0000	0.0290
2162	0000177	0225	B1	L	0.6030	0.6130
2636	0000177	0225	B1	L	0.5780	0.5990
2325	0000177	0240	A2	L	0.3980	0.4540
2458	0000177	0240	A2	R	0.4040	0.4880
2206	0000177	0240	A2	L	0.3570	0.3890
2637	0000177	0240	A2	R	0.3710	0.3860
2336	0000177	0240	A2	L	0.0000	0.0050
2655	0000177	0265	A1	R	0.1580	0.1650
2662	0000177	0265	A1	L	0.8470	0.9120

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2164	0000177	0265	A1	R	0.1440	0.1490
2213	0000177	0265	A1	L	0.7890	0.8300
2522	0000177	0265	A1	L	0.1480	0.1830
2442	0000177	0300	A2	L	0.0120	0.0180
2172	0000177	0300	A2	R	1.1380	1.1550
2279	0000177	0300	A2	L	0.9620	0.9910
2326	0000177	0300	A2	L	1.3950	1.6440
2472	0000177	0300	A2	R	0.9530	0.9800
2540	0000177	0300	A2	R	1.3880	1.6350
2624	0000177	0300	A2	L	1.7380	1.8260
2670	0000177	0300	A2	L	1.1430	1.1580
2354	0000177	0300	A2	R	1.7260	1.8380
2398	0000178	0035	C1	R	0.0260	0.1880
2465	0000178	0035	B1	L	0.2810	0.4320
2232	0000178	0035	B1	L	0.4410	0.4850
2392	0000178	0035	B1	L	0.0220	0.1990
2714	0000178	0035	C1	R	0.2700	0.4350
2547	0000178	0035	C1	R	0.5080	0.5220
2136	0000178	0055	B1	L	0.9310	0.9660
2139	0000178	0055	B1	L	0.9610	1.1110
2240	0000178	0055	B1	R	1.5480	1.5700
2274	0000178	0055	B1	L	1.5520	1.5740
2334	0000178	0055	C1	R	0.3330	0.4790
2401	0000178	0055	B1	L	0.2140	0.2430
2409	0000178	0055	C1	L	1.5530	1.5760
2411	0000178	0055	C1	R	1.1140	1.4430
2555	0000178	0055	C1	R	0.9160	0.9340
2724	0000178	0055	C1	R	0.7820	0.9130
2205	0000178	0055	C1	R	0.1010	0.3100
2380	0000178	0070	C1	L	0.0730	0.0910
2563	0000178	0070	B2	L	0.1690	0.1780
2730	0000178	0070	B2	R	0.1660	0.1810
2244	0000178	0070	C1	L	0.1650	0.1870
2255	0000178	0070	C1	R	0.0110	0.0330
2332	0000178	0070	B2	L	0.0840	0.0930
2418	0000178	0070	B2	L	0.2220	0.2480
2473	0000178	0070	B2	R	0.0650	0.0920

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2514	0000178	0070	B2	R	0.2290	0.2770
2574	0000178	0070	C1	R	0.1610	0.1870
2649	0000178	0070	C1	L	0.2350	0.2830
2115	0000178	0085	C1	L	0.0690	0.0900
2179	0000178	0085	C1	R	0.6210	0.6780
2342	0000178	0085	C1	R	0.3330	0.3730
2414	0000178	0085	B1	R	0.0880	0.1090
2482	0000178	0085	C1	R	0.0720	0.1000
2559	0000178	0085	B1	L	0.5960	0.6640
2110	0000178	0095	C1	R	0.9020	0.9340
2241	0000178	0095	C1	R	0.2420	0.2710
2374	0000178	0095	B1	L	0.2270	0.2740
2366	0000178	0105	B1	L	1.2170	1.2360
2394	0000178	0105	B1	L	1.3630	1.3740
2430	0000178	0105	C1	R	0.5020	0.6570
2541	0000178	0105	B1	L	1.3810	1.3960
2712	0000178	0105	B1	L	1.5160	1.5540
2576	0000178	0110	C1	R	0.8820	0.9250
2099	0000178	0130	C1	R	0.2240	0.2490
2741	0000178	0130	C1	R	0.0000	0.0260
2238	0000178	0170	C1	R	0.0780	0.0890
2378	0000178	0181	A1	R	1.0100	1.0150
2117	0000178	0181	A1	R	0.7460	0.7910
2249	0000178	0181	A1	R	0.3220	0.3700
2360	0000178	0181	A1	R	0.3880	0.4040
2496	0000178	0191	A1	R	0.0170	0.0480
2180	0000178	0191	A1	L	0.5020	0.5400
2292	0000178	0191	A1	R	0.4990	0.5480
2373	0000178	0191	A1	L	0.0160	0.0500
2484	0000178	0191	A1	R	0.2910	0.3290
2561	0000178	0191	A1	R	1.3080	1.3420
2679	0000178	0191	A1	L	0.2430	0.3270
2306	0000178	0201	A2	R	0.2020	0.2430
2692	0000178	0201	A2	R	0.0000	0.0830
2100	0000178	0201	A2	L	0.0240	0.0850
2257	0000179	0045	A1	C	0.3150	0.3320
2284	0000179	0045	A1	L	0.3150	0.3340

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2312	0000179	0045	A1	R	0.3150	0.3340
2599	0000179	0045	A1	L	0.0050	0.1330
2732	0000179	0045	A1	R	0.0000	0.0730
2145	0000179	0045	A1	R	1.8200	1.9940
2365	0000179	0045	A1	L	0.2840	0.3070
2467	0000179	0045	A1	R	2.0420	2.4160
2498	0000179	0045	A1	R	2.0040	2.0290
2625	0000179	0045	A1	R	0.2920	0.3080
2683	0000179	0045	A1	R	2.5970	2.6690
2276	0000179	0045	A1	C	0.2910	0.3080
2443	0000179	0045	A1	C	0.2920	0.3070
2109	0000179	0050	A1	L	2.2230	2.2760
2371	0000179	0050	A1	R	0.1110	0.1950
2512	0000179	0050	A1	L	0.1080	0.2350
2691	0000179	0050	A1	R	2.2130	2.2570
2551	0000179	0050	A1	R	2.1800	2.2000
2102	0000179	0050	A1	L	3.6460	3.7140
2138	0000179	0050	A1	L	0.7990	0.8620
2504	0000179	0050	A1	L	2.7820	2.8130
2521	0000179	0050	A1	R	3.6540	3.6800
2554	0000179	0050	A1	R	0.0000	0.0010
2681	0000179	0050	A1	L	3.0380	3.0680
2684	0000179	0050	A1	R	2.7700	2.8040
2720	0000179	0050	A1	L	1.8980	2.2110
2122	0000179	0055	A1	R	0.1130	0.1340
2290	0000179	0055	A1	L	0.1220	0.1290
2131	0000179	0055	A1	L	1.7000	1.7570
2148	0000179	0055	A1	R	0.1920	0.2250
2382	0000179	0055	A1	L	0.0940	0.1110
2661	0000179	0055	A1	R	0.0930	0.1040
2739	0000179	0055	A1	L	0.1940	0.2270
2154	0000181	1020	A1	L	0.8520	0.8680
2313	0000181	1020	A1	R	0.8530	0.9080
2397	0000181	1020	A1	R	0.8190	0.8350
2444	0000181	1020	A1	L	0.8180	0.8340
2320	0000181	1030	A1	L	0.7840	0.8000
2453	0000181	1030	A1	R	0.7850	0.7990

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2157	0000181	1030	A1	L	0.7490	0.7760
2316	0000181	1030	A1	R	0.7520	0.7730
2169	0000181	1040	A2	L	0.0340	0.0470
2329	0000181	1040	A2	R	0.0390	0.0680
2193	0000181	1040	A2	L	0.0140	0.0240
2317	0000181	1040	A2	R	0.0070	0.0290
2212	0000181	1070	A1	R	0.1090	0.1300
2340	0000181	1070	A1	L	0.1050	0.1260
2265	0000181	1080	A1	R	5.6050	5.6230
2267	0000181	1080	A1	R	4.2420	4.3320
2466	0000181	1080	A1	L	4.2420	4.2520
2470	0000181	1080	A1	R	0.3050	0.3220
2132	0000181	1080	A1	R	4.1800	4.1940
2197	0000181	1080	A1	R	4.4720	4.5740
2242	0000181	1080	A1	L	4.1740	4.1950
2269	0000181	1080	A1	R	3.4180	3.4690
2273	0000181	1080	A1	L	4.2660	4.3250
2277	0000181	1080	A1	R	1.8420	1.8760
2328	0000181	1080	A1	R	0.2900	0.2940
2363	0000181	1080	A1	R	5.5630	5.5690
2368	0000181	1080	A1	R	3.5710	3.6020
2447	0000181	1080	A1	L	3.4140	3.4660
2520	0000181	1080	A1	L	1.8400	1.8720
2557	0000181	1080	A1	L	3.5580	3.5920
2586	0000181	1080	A1	R	3.2680	3.2990
2641	0000181	1080	A1	L	3.2670	3.2940
2129	0000181	1090	A1	R	0.0000	0.0030
2187	0000181	1090	A1	R	1.0220	1.0420
2300	0000181	1090	A1	L	1.0220	1.0390
2142	0000181	1090	A1	L	2.8510	3.0420
2186	0000181	1090	A1	R	1.3790	1.4480
2223	0000181	1090	A1	R	7.2220	7.3530
2281	0000181	1090	A1	R	3.2650	3.3030
2283	0000181	1090	A1	R	0.9900	1.0050
2305	0000181	1090	A1	L	0.9940	1.0070
2450	0000181	1090	A1	R	2.4340	2.4790

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2479	0000181	1090	A1	L	1.0460	1.1650
2589	0000181	1090	A1	L	2.4010	2.4980
2228	0000181	1110	A1	L	10.3400	10.5700
2151	0000181	1110	A1	L	7.6560	8.0370
2248	0000181	1110	A1	R	8.8690	9.1030
2280	0000181	1110	A1	R	9.4280	10.3300
2295	0000181	1110	A1	L	6.6920	6.9370
2347	0000181	1110	A1	R	6.3580	6.6800
2375	0000181	1110	A1	R	8.5690	8.8180
2388	0000181	1110	A1	L	9.6180	9.6630
2416	0000181	1110	A1	R	9.1110	9.3760
2517	0000181	1110	A1	R	6.9030	7.0030
2674	0000181	1110	A1	R	1.7270	1.7430
2491	0000181	1110	A1	R	1.7710	1.7850
2500	0000181	1110	A1	R	10.5900	10.6000
2431	0000182	1020	A1	L	0.1520	0.1620
2096	0000182	1030	A1	L	4.0040	4.0310
2675	0000182	1030	A1	R	4.0080	4.0370
2481	0000182	1030	A1	R	3.9540	3.9810
2578	0000182	1030	A1	L	4.7540	4.8030
2612	0000182	1030	A1	L	3.9510	3.9800
2707	0000184	0350	A1	L	1.0610	1.3680
2721	0000184	0350	A1	R	1.0610	1.3540
2698	0000184	0350	A1	R	0.7610	1.0280
2537	0000184	0350	A1	L	0.7780	1.0280
2600	0000184	0360	A1	L	0.0000	0.0180
2092	0000184	0410	A1	L	1.2930	1.3750
2182	0000184	0410	A1	L	2.3830	2.3960
2183	0000184	0410	A1	L	0.5520	0.8610
2298	0000184	0410	A1	R	0.5440	0.9410
2475	0000184	0410	A1	R	1.8680	2.0730
2569	0000184	0410	A1	L	1.7970	1.8620
2613	0000184	0410	A1	L	1.3800	1.4830
2651	0000184	0410	A1	L	1.8830	2.0510
2737	0000184	0410	A1	R	1.7920	1.8450
2738	0000184	0410	A1	R	1.2720	1.3720

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2372	0000184	0420	A1	R	0.2160	0.2330
2229	0000184	0430	A1	R	0.5290	0.5400
2602	0000184	0430	A1	L	0.5300	0.5420
2177	0000184	0430	A1	R	1.4800	1.6110
2221	0000184	0430	A1	L	1.4820	1.5740
2275	0000184	0430	A1	R	0.4310	0.4660
2287	0000184	0430	A1	L	0.4410	0.4660
2464	0000184	0430	A1	R	2.6210	2.6970
2726	0000184	0430	A1	L	4.1790	4.2690
2127	0000184	0430	A1	L	0.8160	0.8470
2386	0000184	0440	A1	L	0.0000	0.1070
2643	0000184	0440	A1	R	1.4930	1.6410
2533	0000184	0440	A1	R	0.2300	0.2440
2459	0000184	0461	A1	L	10.8800	10.9100
2106	0000184	0461	A1	R	0.4670	0.6150
2294	0000184	0461	A1	R	2.0300	2.2060
2428	0000184	0461	A1	L	10.8200	10.8700
2462	0000184	0461	A1	R	11.5600	11.7000
2639	0000184	0461	A1	R	1.2170	1.3260
2644	0000184	0461	A1	L	10.2100	10.3500
2112	0000184	0471	A1	L	3.6780	3.6820
2208	0000184	0471	A1	R	3.1290	3.1350
2246	0000184	0471	A1	R	3.1420	3.1650
2421	0000184	0471	A1	L	3.6460	3.6620
2119	0000184	0471	A1	L	2.6870	2.7620
2095	0000184	0471	A1	R	3.1020	3.1210
2101	0000184	0471	A1	L	3.5740	3.6270
2111	0000184	0471	A1	L	6.3020	6.4260
2118	0000184	0471	A1	L	3.2170	3.2840
2191	0000184	0471	A1	L	3.1040	3.1710
2196	0000184	0471	A1	L	1.0200	1.0970
2250	0000184	0471	A1	R	3.2240	3.2810
2558	0000184	0471	A1	L	8.9170	9.0210
2568	0000184	0471	A1	R	8.7080	8.8170
2647	0000184	0471	A1	L	7.5210	7.6350
2648	0000184	0471	A1	L	5.7530	5.8210

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2688	0000184	0471	A1	L	2.5120	2.6370
2696	0000184	0471	A1	L	8.7070	8.8110
2703	0000184	0471	A1	L	9.2380	9.3450
2203	0000184	0540	A1	R	2.6700	2.8550
2152	0000184	0540	A1	L	1.7730	1.8920
2198	0000184	0540	A1	R	2.5730	2.6440
2202	0000184	0540	A1	L	0.4330	0.5340
2209	0000184	0540	A1	R	1.1820	1.7540
2214	0000184	0540	A1	R	2.0460	2.0710
2327	0000184	0540	A1	R	2.4010	2.5330
2331	0000184	0540	A1	R	2.1660	2.3920
2333	0000184	0540	A1	R	1.7640	1.9320
2338	0000184	0540	A1	L	0.9870	1.2190
2344	0000184	0540	A1	R	0.7040	0.9400
2215	0000184	0551	A1	L	0.1820	0.3780
2243	0000184	0551	A1	L	1.5490	1.5940
2258	0000184	0551	A1	R	2.5200	3.1010
2278	0000184	0551	A1	L	0.4410	0.7770
2346	0000184	0551	A1	L	2.3490	2.5390
2353	0000184	0551	A1	R	2.1490	2.5120
2383	0000184	0551	A1	R	3.1600	3.4080
2396	0000184	0551	A1	L	1.5990	1.6450
2413	0000184	0551	A1	L	1.0410	1.1170
2471	0000184	0551	A1	L	0.0090	0.1570
2489	0000184	0551	A1	R	1.0090	2.0690
2237	0000184	0555	A1	R	0.0000	0.2960
2321	0000184	0555	A1	L	4.9960	5.1700
2356	0000184	0555	A1	L	3.3420	3.5800
2364	0000184	0555	A1	L	4.4330	4.5280
2407	0000184	0555	A1	R	3.7660	3.8610
2422	0000184	0555	A1	L	2.7600	3.0360
2441	0000184	0555	A1	R	0.3050	0.6550
2452	0000184	0555	A1	L	1.3120	1.4610
2463	0000184	0555	A1	L	0.7570	0.9070
2480	0000184	0555	A1	L	1.6490	1.8050
2494	0000184	0555	A1	L	2.1280	2.2380



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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2495	0000184	0555	A1	R	4.6000	5.0080
2502	0000184	0555	A1	R	4.1470	4.3660
2550	0000184	0555	A1	L	3.2640	3.2850
2567	0000184	0555	A1	R	2.2830	2.3750
2583	0000184	0555	A1	L	1.9810	2.0700
2610	0000184	0555	A1	R	1.6020	1.8680
2633	0000184	0555	A1	L	1.0000	1.1140
2640	0000184	0555	A1	L	0.3810	0.5640
2676	0000184	0555	A1	R	2.6260	2.8450
2071	0000184	0561	A1	R	2.6660	2.9950
2097	0000184	0561	A1	R	0.9630	1.0380
2167	0000184	0561	A1	R	3.1160	3.4150
2525	0000184	0561	A1	R	0.5890	0.8570
2556	0000184	0561	A1	L	3.6620	3.7350
2560	0000184	0561	A1	L	2.2280	2.3330
2575	0000184	0561	A1	L	1.4130	1.5620
2614	0000184	0561	A1	L	0.4240	0.5220
2680	0000184	0561	A1	L	0.7850	0.8560
2686	0000184	0561	A1	R	0.0260	0.3190
2700	0000184	0561	A1	L	4.0210	4.1610
2706	0000184	0561	A1	L	3.5530	3.6280
2719	0000184	0561	A1	L	3.3350	3.4740
2728	0000184	0561	A1	L	1.6510	1.7310
2740	0000184	0561	A1	L	1.0810	1.2840
2591	0000184	0565	A1	R	7.3070	7.3360
2592	0000184	0565	A1	L	7.3090	7.3450
2166	0000184	0565	A1	L	6.7300	7.0850
2181	0000184	0565	A1	R	7.2580	7.2880
2188	0000184	0565	A1	L	6.3980	6.5280
2190	0000184	0565	A1	R	5.1080	5.2370
2192	0000184	0565	A1	L	3.8920	4.0440
2200	0000184	0565	A1	L	0.6090	0.8240
2217	0000184	0565	A1	R	4.3960	4.7310
2219	0000184	0565	A1	L	0.2680	0.5540
2220	0000184	0565	A1	R	4.8350	4.9470
2227	0000184	0565	A1	L	1.5690	1.7900
2233	0000184	0565	A1	L	2.4210	2.7060

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
2235	0000184	0565	A1	R	3.0680	3.3230
2253	0000184	0565	A1	L	4.1680	4.4310
2266	0000184	0565	A1	L	5.1290	5.2040
2536	0000184	0565	A1	L	0.0000	0.0090
2634	0000184	0565	A1	L	7.2620	7.2930
2256	0000184	0571	A1	R	1.3800	1.4620
2260	0000184	0571	A1	R	0.7840	0.9320
2264	0000184	0571	A1	R	1.0170	1.2060
2286	0000184	0571	A1	L	1.0690	1.0920
2293	0000184	0571	A1	R	3.3810	3.5740
2297	0000184	0571	A1	R	3.2320	3.3400
2299	0000184	0571	A1	R	0.5570	0.7180
2304	0000184	0580	A1	R	5.2500	5.4910
2307	0000184	0580	A1	R	0.0490	0.2960
2310	0000184	0580	A1	R	0.4630	0.6720
2319	0000184	0580	A1	L	1.0750	1.1860
2335	0000184	0580	A1	L	1.3610	1.5660
2337	0000184	0580	A1	L	1.7400	2.0100
2343	0000184	0580	A1	R	2.7680	2.9200
2345	0000184	0580	A1	R	3.1340	3.2880
2348	0000184	0580	A1	L	3.4430	3.5760
2357	0000184	0580	A1	R	3.7020	3.9070
2358	0000184	0580	A1	R	4.6600	4.8610
2369	0000184	0580	A1	R	5.5390	5.6950
2377	0000184	0580	A1	R	4.3130	4.4910
1742	0000259	0010	A1	R	0.9340	1.0950
1878	0000259	0010	A1	L	0.9370	1.0950
1881	0000259	0010	A1	L	0.1850	0.8470
1926	0000259	0010	A1	R	0.1960	0.8440
1578	0000259	0020	A1	L	0.8320	1.0370
1880	0000259	0020	A1	R	0.8320	1.0240
1313	0000259	0020	A1	R	1.5180	1.5540
1423	0000259	0020	A1	L	0.0870	0.2620
1424	0000259	0020	A1	L	1.4930	1.5490
1497	0000259	0020	A1	R	1.3370	1.3880
1577	0000259	0020	A1	R	0.0850	0.2700
1745	0000259	0020	A1	R	0.6810	0.8170

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1840	0000259	0020	A1	R	0.4830	0.6650
2013	0000259	0020	A1	L	0.4820	0.8160
1554	0000503	1020	A1	L	2.2420	2.2710
1717	0000503	1020	A1	R	2.2440	2.2740
1430	0000503	1020	A1	L	2.1880	2.2160
1853	0000503	1020	A1	R	1.0160	1.1030
1980	0000503	1020	A1	R	2.1880	2.2190
1582	0000503	1030	A1	R	1.6820	1.8020
1756	0000503	1030	A1	L	1.6780	1.7790
1329	0000503	1030	A1	R	1.4140	1.6370
1433	0000503	1030	A1	L	3.5850	3.6870
1465	0000503	1030	A1	R	1.8180	1.9420
1594	0000503	1030	A1	R	3.5750	3.7030
1613	0000503	1030	A1	L	3.1300	3.2500
1639	0000503	1030	A1	L	1.3730	1.4700
1722	0000503	1030	A1	L	2.6670	2.7380
1888	0000503	1030	A1	L	1.4920	1.6360
1902	0000503	1030	A1	R	2.2730	2.5070
2028	0000503	1030	A1	L	2.3670	2.4260
2030	0000503	1030	A1	R	1.9590	2.0930
1638	0000503	1040	A1	R	0.9960	1.1320
1440	0000503	1050	A1	L	1.4340	1.4870
1817	0000503	1050	A1	R	1.4370	1.5420
1363	0000503	1050	A1	L	1.5760	1.6990
1438	0000503	1050	A1	R	1.6150	1.6750
1571	0000503	1050	A1	R	1.8620	2.6570
1572	0000503	1050	A1	L	1.1800	1.2310
1707	0000503	1050	A1	R	0.2230	1.1090
1718	0000503	1050	A1	L	3.5940	3.6270
1730	0000503	1050	A1	R	2.6710	3.3940
1732	0000503	1050	A1	L	3.3330	3.3890
1753	0000503	1050	A1	L	1.2420	1.3950
1807	0000503	1050	A1	R	1.3320	1.3960
1872	0000503	1050	A1	R	3.5840	3.6510
1873	0000503	1050	A1	L	0.4490	0.4810
2008	0000503	1060	A1	R	0.0000	0.1000
2009	0000503	1060	A1	R	0.2220	0.4100

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1938	0000503	1060	A1	L	0.0060	0.0940
1573	0000503	1070	A3	R	4.1390	4.1840
1697	0000503	1070	A3	R	4.3190	4.3550
1348	0000503	1070	A3	R	0.3440	0.4720
1432	0000503	1070	A3	L	1.0550	1.1680
1442	0000503	1070	A3	L	3.9560	4.3480
1522	0000503	1070	A3	R	0.6050	0.7570
1526	0000503	1070	A3	L	2.5200	2.6070
1537	0000503	1070	A3	L	2.7090	2.7780
1556	0000503	1070	A3	R	1.4840	1.5600
1643	0000503	1070	A3	L	1.2690	1.3670
1649	0000503	1070	A3	L	0.7570	0.8810
1719	0000503	1070	A3	L	1.4980	1.5940
1734	0000503	1070	A3	R	2.8860	2.9370
1821	0000503	1070	A3	R	1.1140	1.2240
1856	0000503	1070	A3	R	1.9570	2.1150
1874	0000503	1070	A3	L	2.8670	3.9490
2011	0000503	1070	A3	R	0.0140	0.1100
1588	0000503	1082	A1	L	0.3040	0.3460
1835	0000503	1082	A1	R	0.0000	0.1130
1857	0000503	1082	A1	R	0.3030	0.4060
1354	0000503	1082	A1	L	9.2510	9.5500
1431	0000503	1082	A1	R	6.0970	6.1900
1513	0000503	1082	A1	L	1.0210	1.0880
1515	0000503	1082	A1	L	5.4240	5.6680
1521	0000503	1082	A1	R	6.2600	6.3220
1523	0000503	1082	A1	L	5.3050	5.4020
1528	0000503	1082	A1	R	4.2880	4.4910
1557	0000503	1082	A1	L	1.6030	1.6470
1587	0000503	1082	A1	R	7.9610	8.2230
1589	0000503	1082	A1	R	9.5530	9.9310
1646	0000503	1082	A1	R	8.2960	8.7900
1677	0000503	1082	A1	R	1.3500	1.5020
1678	0000503	1082	A1	R	6.6340	7.9040
1686	0000503	1082	A1	R	1.7710	2.5240
1689	0000503	1082	A1	R	3.6470	3.7870
1694	0000503	1082	A1	L	2.5820	3.2840

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1714	0000503	1082	A1	R	10.8200	10.8900
1762	0000503	1082	A1	R	6.3530	6.6200
1810	0000503	1082	A1	L	1.3620	1.4260
1819	0000503	1082	A1	L	3.7680	4.1610
1829	0000503	1082	A1	L	3.4050	3.6480
1830	0000503	1082	A1	L	8.7950	8.9450
1895	0000503	1082	A1	R	10.6200	10.7300
1954	0000503	1082	A1	L	5.7050	6.1650
1955	0000503	1082	A1	R	1.0150	1.1050
1979	0000503	1082	A1	R	1.5740	1.6750
1989	0000503	1082	A1	R	3.2860	3.3630
1992	0000503	1082	A1	L	4.2660	4.3330
2002	0000503	1082	A1	R	4.6210	5.3300
2027	0000503	1082	A1	L	10.1000	10.5400
1681	0000503	1082	A1	L	0.0180	0.1140
1429	0000503	1100	A2	L	2.7200	2.8600
1434	0000503	1100	A2	R	3.5500	3.6420
1536	0000503	1100	A2	R	2.4290	2.5330
1553	0000503	1100	A2	R	2.9260	3.0210
1563	0000503	1100	A2	R	12.0000	12.1500
1696	0000503	1100	A2	L	0.5610	0.7200
1704	0000503	1100	A2	R	19.4600	19.7200
1716	0000503	1100	A2	R	3.1330	3.2480
1723	0000503	1100	A2	L	21.6700	21.7000
1961	0000503	1100	A2	R	21.6800	21.7000
1985	0000503	1100	A2	R	2.7200	2.8890
1996	0000503	1100	A2	L	3.4150	3.4700
1480	0000503	1110	A2	L	1.4380	1.4580
1542	0000503	1110	A2	R	8.1140	8.1410
1701	0000503	1110	A2	L	8.1120	8.1290
1910	0000503	1110	A2	R	1.4420	1.4630
1393	0000503	1110	A2	R	1.4080	1.4300
1422	0000503	1110	A2	R	0.0000	0.0480
1425	0000503	1110	A2	L	10.1800	10.2500
1439	0000503	1110	A2	L	8.0770	8.1010
1441	0000503	1110	A2	R	7.3850	7.4520
1501	0000503	1110	A2	R	4.5540	4.6050

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1544	0000503	1110	A2	L	0.0000	0.0410
1606	0000503	1110	A2	L	7.3670	7.4330
1668	0000503	1110	A2	R	10.8200	10.8700
1702	0000503	1110	A2	L	11.2400	11.2600
1731	0000503	1110	A2	L	4.5520	4.6070
1782	0000503	1110	A2	R	8.0900	8.1020
1804	0000503	1110	A2	L	1.4100	1.4280
1842	0000503	1110	A2	L	10.8200	10.8600
1843	0000503	1110	A2	R	10.1900	10.2600
42	0000503	1120	A4	L	0.0080	0.0280
377	0000503	1120	A4	R	0.0080	0.0360
2984	0000503	1120	A4	R	4.7460	4.8800
1892	0000515	0160	C2	R	0.0450	0.1880
2990	0000516	0010	A1	R	1.2430	1.3430
2993	0000516	0010	A1	L	0.9770	1.1080
1660	0000534	0010	A2	R	0.3440	0.3520
1759	0000534	0010	A2	L	0.5280	0.5560
1598	0000536	1010	A3	L	1.5640	1.5860
1426	0000536	1010	A3	L	7.7840	7.8080
1435	0000536	1010	A3	R	1.5800	1.6110
1464	0000536	1010	A3	R	0.7730	0.8040
1473	0000536	1010	A3	L	3.6560	3.6890
1491	0000536	1010	A3	L	1.5480	1.5570
1519	0000536	1010	A3	L	1.4610	1.5000
1558	0000536	1010	A3	R	0.1730	0.2140
1593	0000536	1010	A3	R	3.6440	3.6850
1618	0000536	1010	A3	L	7.2870	7.3190
1620	0000536	1010	A3	R	6.6580	6.7020
1628	0000536	1010	A3	L	3.7850	3.8270
1635	0000536	1010	A3	L	5.1900	5.2200
1642	0000536	1010	A3	R	1.4550	1.4980
1674	0000536	1010	A3	R	7.7820	7.8050
1687	0000536	1010	A3	L	4.1490	4.1790
1740	0000536	1010	A3	R	6.7330	6.8720
1757	0000536	1010	A3	R	5.1850	5.2270
1794	0000536	1010	A3	R	5.5540	5.5830
1803	0000536	1010	A3	R	7.3040	7.3410

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1844	0000536	1010	A3	L	0.1730	0.2130
1922	0000536	1010	A3	L	6.6610	6.7100
1924	0000536	1010	A3	L	5.5500	5.5790
1940	0000536	1010	A3	R	4.1500	4.1790
2020	0000536	1010	A3	R	3.7890	3.8300
2021	0000536	1010	A3	L	0.7750	0.8100
1551	0000536	1020	A4	R	1.1610	1.1880
1581	0000536	1020	A4	R	0.4070	0.4620
1591	0000536	1020	A4	R	0.6940	0.7250
1597	0000536	1020	A4	L	0.4130	0.4590
1713	0000536	1020	A4	L	1.1610	1.1890
1720	0000536	1020	A4	L	0.6920	0.7180
1726	0000536	1020	A4	R	1.5270	1.5580
1755	0000536	1020	A4	L	1.4640	1.5650
1809	0000536	1020	A4	R	1.4590	1.4950
1586	0000536	1035	A2	L	1.9210	1.9550
1590	0000536	1035	A2	L	1.4270	1.4630
1599	0000536	1035	A2	L	0.7330	0.7720
1683	0000536	1035	A2	L	2.0570	2.0700
1727	0000536	1035	A2	L	1.1290	1.1790
1747	0000536	1035	A2	R	0.7390	0.7710
1754	0000536	1035	A2	R	0.4990	0.5470
1761	0000536	1035	A2	R	1.4310	1.4670
1816	0000536	1035	A2	L	1.0880	1.1070
1883	0000536	1035	A2	L	0.5020	0.5410
1939	0000536	1035	A2	R	1.0800	1.1160
1770	0000536	1040	A1	L	0.0000	0.0870
1860	0000536	1040	A1	L	0.1680	0.2080
1863	0000536	1040	A1	R	0.1690	0.2490
1721	0000536	1040	A1	R	0.0200	0.0870
1724	0000536	1050	A1	R	0.0000	0.1750
1865	0000536	1050	A1	L	0.4180	0.4630
1901	0000536	1050	A1	R	0.4040	0.4330
1771	0000536	1050	A1	L	0.0330	0.1110
1903	0000537	1010	A1	L	0.2670	0.2730
1765	0000537	1010	A1	L	0.2220	0.2600
1944	0000537	1020	A1	L	0.1530	0.1690

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1748	0000537	1030	A1	L	0.2510	0.2670
1849	0000537	1030	A1	L	0.2810	0.2970
1936	0000537	1030	A1	R	0.2610	0.2730
1982	0000537	1030	A1	R	0.2830	0.2900
1820	0000537	1030	A1	L	0.0270	0.1130
1950	0000537	1030	A1	R	0.0380	0.2610
1851	0000537	1040	A1	R	0.1240	0.2920
1861	0000537	1040	A1	L	0.1170	0.3120
1322	0000537	1050	A1	L	0.1040	0.3040
1993	0000537	1050	A1	L	0.0000	0.0010
1461	0000537	1050	A1	R	0.1040	0.1850
1669	0000537	1050	A1	R	0.1880	0.2140
1998	0000537	1050	A1	R	0.1010	0.1030
1893	0000537	1126	A1	L	0.2780	0.2890
1894	0000537	1126	A1	L	0.2340	0.2470
2029	0000537	1130	A1	R	0.2650	0.3430
1862	0000537	1150	A1	L	2.0620	2.8470
2031	0000537	1150	A1	R	2.0910	2.8440
1867	0000537	1160	A1	R	0.0980	0.1230
2033	0000537	1160	A1	L	0.1030	0.2690
1319	0000537	1160	A1	R	0.1240	0.2750
1457	0000537	1160	A1	R	0.8480	0.8800
1325	0000537	1170	A1	L	0.8680	0.9160
1336	0000537	1180	A1	L	0.9220	1.0870
1514	0000537	1180	A1	R	0.9210	0.9900
1344	0000537	1180	A1	L	0.7990	0.8310
1462	0000537	1180	A1	R	0.8430	0.9020
1520	0000537	1180	A1	L	0.6620	0.7510
1518	0000537	1180	A1	L	0.8510	0.9030
1525	0000537	1190	A1	L	0.0900	0.1960
1802	0000537	1190	A1	R	0.0990	0.1730
1418	0000537	1200	A1	L	0.6340	0.8920
1555	0000537	1200	A1	R	0.6310	0.7710
1411	0000537	1200	A1	R	0.3030	0.5300
1561	0000537	1200	A1	R	0.8020	0.9120
1972	0000537	1200	A1	L	0.2800	0.5300
1672	0000537	1210	A1	L	3.6910	3.7890



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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1545	0000537	1210	A1	R	0.0000	0.4530
1575	0000537	1210	A1	L	0.0130	0.4520
1395	0000546	1010	A1	L	0.9620	0.9870
1506	0000546	1010	A1	R	1.6040	1.6160
1510	0000546	1010	A1	L	0.4510	0.5360
1604	0000546	1010	A1	L	0.1120	0.1520
1673	0000546	1010	A1	R	0.9570	0.9810
1698	0000546	1010	A1	R	0.4470	0.5290
1634	0000546	1020	A1	L	0.0010	0.0150
1541	0000546	1020	A1	R	0.8850	0.9150
1780	0000546	1040	A1	L	1.0360	1.0490
1909	0000546	1040	A1	R	1.0370	1.0650
1632	0000546	1040	A1	R	0.0260	0.0340
1700	0000546	1040	A1	L	0.0190	0.0240
1801	0000546	1040	A1	R	0.0140	0.0220
1806	0000546	1040	A1	L	0.0290	0.0320
1708	0000546	1040	A1	L	0.9020	1.0010
1846	0000546	1040	A1	R	0.9020	1.0030
1834	0000546	1050	A1	R	0.0350	0.0790
1931	0000546	1050	A1	L	0.0280	0.0570
2007	0000546	1050	A1	L	0.4620	0.5240
1882	0000546	1060	A1	L	0.2460	0.3140
1974	0000546	1060	A1	R	0.2420	0.3100
1973	0000548	0010	A1	R	1.8180	1.8420
1976	0000548	0010	A1	L	1.7490	1.8580
1592	0000570	1011	A1	L	0.3940	0.4450
1564	0000570	1011	A1	L	0.1010	0.1190
1811	0000570	1050	A1	R	3.1800	3.2130
1859	0000570	1050	A1	R	7.6960	7.7140
1864	0000570	1050	A1	L	3.1700	3.2200
1896	0000570	1050	A1	L	7.6980	7.7160
1941	0000570	1050	A1	L	4.3530	4.3800
1943	0000570	1050	A1	R	4.3510	4.3800
1394	0000570	1050	A1	R	4.5100	4.6850
1502	0000570	1050	A1	L	7.6380	7.6610
1503	0000570	1050	A1	R	6.3110	6.3420
1670	0000570	1050	A1	L	6.3060	6.3380

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1680	0000570	1050	A1	L	2.2230	2.5010
1709	0000570	1050	A1	R	2.5220	2.6550
1712	0000570	1050	A1	L	3.0470	3.1200
1725	0000570	1050	A1	L	1.7550	1.9150
1764	0000570	1050	A1	L	1.0860	1.5170
1766	0000570	1050	A1	R	3.0920	3.1160
1767	0000570	1050	A1	L	1.5790	1.5920
1814	0000570	1050	A1	R	0.5870	1.0620
1824	0000570	1050	A1	R	0.4540	0.5440
1827	0000570	1050	A1	R	0.3410	0.3520
1828	0000570	1050	A1	R	1.4480	1.4840
1886	0000570	1050	A1	R	1.2210	1.2470
1921	0000570	1050	A1	R	1.9320	2.1180
1945	0000570	1050	A1	R	4.2690	4.3050
1946	0000570	1050	A1	L	4.2670	4.3070
1949	0000570	1050	A1	R	7.6320	7.6570
1826	0000570	1050	A1	R	0.4030	0.4280
1845	0000570	1060	A1	L	2.4810	2.5030
1935	0000570	1060	A1	R	2.4830	2.5040
1952	0000570	1060	A1	R	3.2410	3.2630
1997	0000570	1060	A1	L	3.2420	3.2620
1651	0000570	1060	A1	L	2.5410	2.5970
1951	0000570	1060	A1	L	2.1920	2.3450
1958	0000570	1060	A1	R	3.2050	3.2210
1988	0000570	1060	A1	R	0.7650	0.9020
1994	0000570	1060	A1	R	2.3030	2.3450
1995	0000570	1060	A1	L	0.7660	0.8990
2016	0000570	1060	A1	L	3.2010	3.2230
1509	0000609	0055	B1	L	0.4860	0.5080
1533	0000609	0055	B1	L	0.5140	0.5250
1907	0000620	0160	C1	R	0.1520	0.2720
1908	0000620	0170	C2	R	0.0000	0.3350
1934	0000620	0178	A2	R	1.0320	1.2640
1975	0000620	0178	A2	L	1.0340	1.2680
2006	0000620	0185	B2	L	0.0260	0.1660
2018	0000620	0185	C2	R	0.0010	0.1040
1290	0000620	0189	C1	R	2.1510	2.2410

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1291	0000620	0189	C1	R	0.6930	1.0660
1292	0000620	0189	C1	R	1.3880	1.5190
2005	0000620	0189	B1	L	1.8890	1.9920
2019	0000620	0189	B1	L	1.1130	1.3600
1295	0000620	0190	B1	L	0.0790	0.2370
1294	0000620	0190	B1	L	1.2760	1.4810
1296	0000620	0190	C1	R	0.0170	0.2880
1297	0000620	0190	C1	R	1.2870	1.9120
1298	0000620	0200	B1	L	0.1270	0.2360
1299	0000620	0200	B1	R	0.1910	0.2350
1303	0000620	0310	A1	L	0.5700	0.6050
1300	0000620	0310	A1	R	0.5200	0.5910
1301	0000620	0310	A1	L	0.5210	0.5390
1304	0000620	0310	A1	R	2.2420	2.2530
1307	0000620	0310	A1	L	0.1180	0.1480
1310	0000620	0320	A1	R	0.2380	0.4630
1314	0000620	0320	A1	R	0.0060	0.2280
1308	0000620	0320	A1	R	1.1640	1.3340
1309	0000620	0320	A1	R	1.8970	1.9530
1315	0000620	0320	A1	L	1.7020	1.7240
1312	0000620	0320	A1	L	0.0090	0.4630
1316	0000620	0330	A1	L	0.5690	0.5900
1317	0000620	0330	A1	L	0.8590	0.8680
1323	0000620	0330	A1	R	0.5650	0.5900
1324	0000620	0330	A1	L	0.4300	0.4550
1326	0000620	0330	A1	R	0.4280	0.4530
1318	0000620	0340	A2	L	0.0000	0.0620
1327	0000620	0340	A2	L	2.0030	2.0430
1328	0000620	0340	A2	R	2.0050	2.0410
1330	0000620	0340	A2	R	3.2300	3.2500
1331	0000620	0340	A2	R	0.0170	0.1030
1332	0000620	0350	A2	L	0.7390	0.7430
1342	0000620	0350	A2	R	0.7390	0.7420
1333	0000620	0350	A2	L	0.7480	0.7820
1334	0000620	0350	A2	L	0.9010	0.9290
1335	0000620	0350	A2	R	0.9000	0.9340
1337	0000620	0350	A2	L	0.6830	0.7210

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1338	0000620	0350	A2	R	0.6830	0.7200
1340	0000620	0350	A2	L	0.1660	0.1970
1341	0000620	0350	A2	R	0.1610	0.1930
1343	0000620	0350	A2	R	0.7500	0.7740
1345	0000620	0366	B1	C	0.0120	0.1320
1347	0000620	0375	B1	R	0.6830	0.7010
1349	0000620	0375	B1	R	0.5510	0.5810
1350	0000620	0375	B1	L	0.5210	0.5480
1351	0000620	0375	B1	C	0.4770	0.5370
1352	0000620	0375	B1	C	0.4660	0.5520
1353	0000620	0375	B1	R	0.4570	0.4940
1355	0000620	0375	B1	L	0.3890	0.4890
1358	0000620	0375	B1	R	0.3870	0.4140
1359	0000620	0375	B1	L	0.2180	0.2870
1361	0000620	0375	B1	R	0.7130	0.7420
1362	0000620	0375	B1	R	0.2340	0.2550
1364	0000629	0010	A1	L	0.2290	0.3000
1365	0000629	0010	A1	R	0.9400	1.0920
1367	0000629	0010	A1	L	1.8580	1.8910
1368	0000629	0010	A1	R	0.2240	0.2950
1366	0000629	0010	A1	R	1.1460	1.4140
1369	0000629	0020	A1	R	0.0990	0.3630
1370	0000629	0031	B1	L	1.0980	1.2730
1371	0000629	0031	B1	L	0.4970	0.6050
1372	0000629	0031	C1	R	1.1060	1.2670
1373	0000629	0041	A1	L	0.0010	0.0880
1375	0000629	0061	A1	R	0.4770	0.4890
1376	0000629	0061	A1	L	0.4790	0.4920
1374	0000629	0061	A1	L	0.3910	0.4050
1377	0000629	0061	A1	R	0.3890	0.4020
1378	0000629	0080	B1	L	1.0120	1.0150
1391	0000630	0010	A2	L	0.1170	0.3380
649	0000630	0025	A1	L	0.0000	0.0620
1392	0000630	0025	A1	L	0.2760	0.2950
738	0000635	0040	A1	R	0.4140	0.4370
795	0000635	0040	A1	R	0.2960	0.3230
849	0000635	0040	A1	L	0.4180	0.4480

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
895	0000635	0060	B1	L	0.7850	0.8310
430	0000635	0060	C2	R	0.7790	0.8090
1017	0000635	0060	C2	R	0.7620	0.7680
896	0000635	0060	B1	L	0.7500	0.7550
1287	0000635	0060	C2	R	0.7060	0.7280
647	0000635	0070	C4	R	0.2500	0.2970
496	0000635	0070	C4	R	0.5830	0.8090
596	0000635	0070	C4	R	0.5290	0.5800
696	0000635	0070	C4	R	0.3000	0.3420
646	0000635	0125	B2	L	1.4490	1.4960
695	0000635	0125	C2	R	0.2800	0.3180
737	0000635	0125	C2	R	1.3310	1.3870
1385	0000640	0035	B1	L	0.0270	0.1040
1064	0000642	0122	C1	L	0.0390	0.1700
32	0000642	0155	B2	L	1.5540	1.5700
952	0000642	0155	C1	R	0.7420	0.7740
1062	0000642	0170	A1	R	0.1250	0.1480
1063	0000642	0170	A1	L	0.1150	0.1550
1013	0000644	0010	C2	R	0.0000	0.0430
429	0000644	0020	A2	R	0.2160	0.2670
1226	0000644	0020	A2	R	0.0430	0.1410
1116	0000644	0020	A2	L	0.0130	0.1400
1285	0000644	0020	A2	R	0.0080	0.0300
495	0000644	0023	A1	R	0.1870	0.2320
595	0000644	0023	A1	L	0.1950	0.2220
693	0000644	0023	A1	L	0.0250	0.1230
694	0000644	0023	A1	R	0.0630	0.1150
892	0000644	0030	A2	R	0.0720	0.0960
1061	0000644	0030	A2	L	0.1520	0.1620
1115	0000644	0030	A2	R	0.1480	0.1780
793	0000644	0030	A2	L	0.0700	0.0940
1012	0000644	0030	A2	R	0.0940	0.0950
594	0000644	0040	A2	R	0.6660	0.8390
692	0000644	0040	A2	L	1.0050	1.0520
791	0000644	0040	A2	R	0.2950	0.4340
1173	0000644	0040	A2	R	0.4420	0.4760
494	0000644	0040	A2	R	0.0140	0.2170

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1284	0000644	0040	A2	L	0.0040	0.2000
735	0000644	0050	A2	L	0.3890	0.4610
792	0000644	0050	A2	L	0.0000	0.0230
1010	0000644	0130	B1	L	0.4620	0.4800
645	0000644	0150	C1	R	1.1560	1.2740
1225	0000644	0150	C1	R	1.0820	1.1130
541	0000644	0150	C1	R	1.1220	1.1310
691	0000644	0150	C1	R	1.2880	1.3020
690	0000646	0015	A1	R	0.6050	0.6360
1113	0000646	0020	A1	L	0.3880	0.4120
1224	0000646	0020	A1	R	0.3880	0.4130
540	0000646	0020	A1	R	0.8530	0.8580
644	0000646	0020	A1	L	0.8620	0.8700
790	0000646	0020	A1	R	1.9060	1.9220
843	0000646	0020	A1	L	1.9070	1.9190
949	0000646	0020	A1	L	1.9640	1.9780
733	0000646	0020	A1	L	1.7330	1.7420
891	0000646	0020	A1	R	0.3110	0.3650
1008	0000646	0020	A1	L	1.7220	1.7260
1009	0000646	0020	A1	L	0.3500	0.3680
1059	0000646	0020	A1	R	1.9650	1.9740
1111	0000646	0030	A1	L	1.3340	1.3480
1112	0000646	0030	A1	R	0.0170	0.0420
426	0000646	0040	A1	L	0.3740	0.3880
539	0000646	0040	A1	R	0.3750	0.3800
643	0000646	0040	A1	R	0.4430	0.4570
1223	0000646	0040	A1	L	0.4550	0.4670
1058	0000647	0012	A2	L	1.5520	1.5590
1172	0000647	0012	A2	R	1.5690	1.5930
842	0000647	0012	A2	L	1.5420	1.5480
948	0000647	0012	A2	R	1.5480	1.5540
1222	0000647	0012	A2	L	1.4980	1.5360
732	0000647	0012	A2	R	1.5170	1.5420
1057	0000647	0016	A1	R	3.1270	3.1600
1171	0000647	0016	A1	L	3.1280	3.1650
1283	0000647	0016	A1	R	0.0000	0.0150
425	0000647	0016	A1	L	3.0970	3.1230

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
538	0000647	0016	A1	L	0.6370	0.6850
642	0000647	0016	A1	R	0.6440	0.6920
731	0000647	0016	A1	L	1.7720	1.7900
841	0000647	0016	A1	R	1.8160	1.8660
947	0000647	0016	A1	R	3.1010	3.1210
1170	0000647	0016	A1	L	1.8010	1.8580
789	0000647	0020	A1	L	2.9990	3.0300
593	0000647	0020	A1	R	2.7450	2.9680
689	0000647	0020	A1	L	2.9330	2.9630
840	0000647	0020	A1	L	3.6290	3.6760
1282	0000647	0020	A1	R	3.6310	3.6770
890	0000647	0020	A1	R	3.0040	3.0350
1169	0000648	0010	A1	R	0.3590	0.3710
1281	0000648	0010	A1	L	0.3610	0.3730
946	0000648	0010	A1	R	0.3340	0.3480
1056	0000648	0010	A1	L	0.3380	0.3500
1280	0000648	0010	A1	L	0.0350	0.0880
1220	0000648	0080	B1	L	0.5120	0.6130
782	0000680	0020	A1	R	0.1900	0.2250
783	0000680	0020	A1	L	0.1870	0.1970
587	0000680	0020	A1	L	0.1670	0.1790
683	0000680	0020	A1	R	0.1770	0.1790
884	0000680	0030	A1	R	1.1710	1.1950
998	0000680	0030	A1	L	1.1730	1.1970
1101	0000680	0030	A1	L	0.9000	0.9280
1214	0000680	0030	A1	R	0.8960	0.9180
1272	0000680	0040	C1	L	0.4240	0.4300
421	0000680	0050	A1	L	0.5040	0.5330
485	0000680	0050	A1	R	0.5090	0.5250
832	0000680	0070	A1	R	0.7410	0.7530
534	0000680	0070	A1	L	0.8440	0.8940
639	0000680	0070	A1	R	0.7250	0.7320
831	0000680	0070	A1	L	0.7440	0.7610
937	0000680	0087	A1	R	1.0320	1.0510
883	0000680	0087	A1	L	1.0300	1.0500
1100	0000680	0090	A1	L	0.2380	0.3880
1213	0000680	0090	A1	R	0.2450	0.4510

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
997	0000680	0090	A1	L	0.0370	0.1700
1045	0000680	0090	A1	L	2.1410	2.1560
1271	0000680	0100	A1	R	0.2260	0.3730
484	0000680	0100	A1	R	0.9380	1.0000
586	0000680	0100	A1	L	0.8950	0.9210
682	0000680	0100	A1	R	0.8930	0.9200
781	0000680	0100	A1	L	0.7040	0.7280
881	0000680	0100	A1	R	0.7000	0.7210
996	0000680	0100	A1	L	0.2380	0.3720
1155	0000680	0100	A1	L	0.0000	0.0700
1044	0000680	0100	A1	R	0.4850	0.5130
1099	0000680	0100	A1	R	0.0210	0.0730
585	0000681	0028	B1	R	1.1550	1.1950
638	0000681	0028	B1	L	1.1550	1.2000
995	0000683	0010	B1	L	0.3070	0.3860
1153	0000683	0010	B1	L	0.0000	0.0210
533	0000683	0040	B1	L	0.4560	0.4660
1269	0000683	0040	B1	R	1.0780	1.1020
480	0000686	0015	A2	R	0.0130	0.0650
481	0000686	0015	A2	L	0.0210	0.0700
547	0006004	1201	B4	L	2.4920	2.6160
878	0006004	1201	B4	R	2.4860	2.5030
936	0006004	1201	B4	L	0.0830	0.3430
1069	0006004	1201	C4	L	1.5500	1.5640
1234	0006004	1201	C4	R	1.2400	1.5590
479	0006004	1201	B4	L	2.6150	2.6620
384	0006004	1201	C4	R	0.3110	0.3260
420	0006004	1201	B4	L	1.0640	1.6280
502	0006004	1201	C4	R	0.2090	0.2290
583	0006004	1201	B4	L	0.9060	0.9330
742	0006004	1201	C4	R	1.8230	1.8500
852	0006004	1201	C4	R	1.7010	1.7210
958	0006004	1201	C4	R	1.5830	1.6450
1176	0006004	1201	C4	R	0.4500	0.7310
433	0006004	1201	B4	L	0.0000	0.0500
777	0006004	1201	B4	L	0.6780	0.7100
899	0006004	1201	C4	L	1.5870	1.6060



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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
994	0006004	1201	B4	R	2.4460	2.4630
1211	0006004	1201	B4	L	1.6620	2.4680
436	0006004	1203	B1	L	0.4410	0.6020
503	0006004	1203	C1	L	0.0580	0.0700
1070	0006004	1203	C1	R	0.0480	0.0690
1179	0006004	1203	B1	R	0.4400	0.4530
550	0006004	1203	B1	L	0.1110	0.4010
701	0006004	1203	C1	R	0.1090	0.2590
1178	0006004	1203	B1	L	0.6810	0.7040
387	0006004	1203	C1	R	0.2990	0.4970
599	0006004	1203	C1	L	0.1140	0.1280
1071	0006004	1203	B1	R	0.3840	0.3990
389	0006004	1205	B1	L	0.3530	0.4360
505	0006004	1205	B1	L	0.1700	0.3520
1021	0006004	1205	C2	R	0.5180	0.5360
1181	0006004	1205	B1	L	0.5320	0.5500
1235	0006004	1205	C2	R	0.0810	0.4880
552	0006004	1207	B1	L	0.2330	0.4630
702	0006004	1207	C1	R	0.1640	0.3820
441	0006004	1215	B1	R	3.0930	3.1020
506	0006004	1215	C1	R	2.9980	3.0250
607	0006004	1215	C1	L	3.0140	3.0280
1236	0006004	1215	C1	R	0.2100	0.2240
1237	0006004	1215	B1	L	3.0920	3.1050
394	0006004	1215	C1	R	2.5950	2.6320
554	0006004	1215	C1	R	0.2300	0.2400
704	0006004	1215	C1	R	0.5500	0.5780
749	0006004	1215	B1	L	0.5410	0.5610
803	0006004	1215	C1	R	3.0710	3.0990
854	0006004	1215	B1	L	1.6430	2.2680
903	0006004	1215	B1	L	2.9320	2.9600
906	0006004	1215	C1	R	0.7070	1.0570
910	0006004	1215	C1	R	2.0790	2.1930
1072	0006004	1215	B1	L	0.5790	1.0490
1073	0006004	1215	C1	R	1.5390	1.5700
1074	0006004	1215	C1	R	0.5100	0.5310
1077	0006004	1215	C1	R	2.0310	2.0720

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1127	0006004	1215	B1	L	3.0290	3.0560
1184	0006004	1215	C1	R	2.2320	2.3080
969	0006004	1215	C1	R	1.6030	1.8590
706	0006004	1215	C1	L	3.0740	3.0880
1022	0006004	1215	B1	R	3.0340	3.0520
557	0006004	1220	B2	L	1.9940	2.2500
1239	0006004	1220	C2	R	1.7510	1.7610
398	0006004	1220	B2	L	0.2500	0.2780
612	0006004	1220	C2	R	0.2170	0.2440
707	0006004	1220	C2	R	1.6100	1.6320
708	0006004	1220	C2	R	2.9580	3.1300
806	0006004	1220	C2	R	2.7590	2.9550
909	0006004	1220	B2	L	1.8200	1.8420
1023	0006004	1220	C2	R	1.7710	1.8000
1075	0006004	1220	B2	L	1.9520	1.9850
1079	0006004	1220	B2	L	0.7130	0.7380
1186	0006004	1220	B2	L	0.5010	0.5190
1238	0006004	1220	B2	L	2.9270	3.2220
560	0006004	1220	C2	R	0.2440	0.7590
914	0006004	1220	C2	R	1.7990	2.0660
1024	0006004	1225	C1	R	0.3680	0.3700
511	0006004	1230	B1	R	0.5010	0.5190
515	0006004	1230	C1	R	1.6260	1.6340
710	0006004	1230	B1	L	4.5630	5.0110
712	0006004	1230	C1	L	0.2430	0.2640
919	0006004	1230	C1	R	0.2370	0.2690
1083	0006004	1230	B1	L	0.4920	0.5240
1242	0006004	1230	B1	L	1.8200	1.8360
512	0006004	1230	B1	L	1.7790	1.8090
514	0006004	1230	C1	R	2.0610	2.0690
564	0006004	1230	C1	R	4.2880	4.8580
660	0006004	1230	B1	L	1.7050	1.7270
661	0006004	1230	B1	L	3.8560	3.8850
711	0006004	1230	B1	L	3.0840	3.1020
713	0006004	1230	B1	L	5.7540	5.8110
717	0006004	1230	C1	R	2.9230	2.9430
810	0006004	1230	B1	L	0.0290	0.3760

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
814	0006004	1230	C1	R	0.3330	0.7520
857	0006004	1230	B1	L	3.2800	3.4220
858	0006004	1230	C1	R	0.0000	0.2360
859	0006004	1230	B1	L	0.3930	0.4240
860	0006004	1230	B1	L	1.1590	1.2750
863	0006004	1230	C1	R	3.0960	3.2860
864	0006004	1230	C1	R	5.4600	5.4960
1026	0006004	1230	B1	L	0.6690	0.6950
1030	0006004	1230	C1	R	1.6480	1.6860
1031	0006004	1230	C1	R	0.9320	0.9650
1081	0006004	1230	B1	L	4.3220	4.4710
1194	0006004	1230	C1	R	1.3860	1.4080
1240	0006004	1230	B1	L	4.5080	4.5520
665	0006004	1230	C1	R	5.5320	5.7250
1082	0006004	1230	C1	L	0.3270	0.3460
1190	0006004	1230	B1	R	0.4210	0.4340
1087	0006004	1240	B1	L	0.2640	0.2700
568	0006004	1240	B1	L	0.1830	0.2250
716	0006004	1240	C1	R	0.2310	0.3220
500	0006004	1250	B2	L	2.6410	2.6580
501	0006004	1250	B2	L	0.4780	0.5800
546	0006004	1250	C1	R	0.7310	1.0490
653	0006004	1250	B2	L	1.2830	1.3950
662	0006004	1250	C1	R	1.8280	2.0810
698	0006004	1250	C1	R	0.5350	0.5540
699	0006004	1250	B2	L	2.6870	2.7610
715	0006004	1250	C1	R	2.6860	2.6980
851	0006004	1250	B2	L	1.4820	1.5050
898	0006004	1250	C1	R	0.1630	0.1920
923	0006004	1250	B2	L	1.3960	1.4200
1020	0006004	1250	B2	L	2.0650	2.0940
1028	0006004	1250	C1	R	1.2590	1.5460
1066	0006004	1250	C1	R	1.5820	1.6020
1067	0006004	1250	B2	L	0.0100	0.2300
1086	0006004	1250	B2	L	0.4560	0.4790
1231	0006004	1250	B2	L	0.8700	1.0090
1232	0006004	1250	B2	L	2.5120	2.5440

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Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1245	0006004	1250	C1	R	2.4940	2.5110
513	0006004	1250	C1	R	2.7030	2.8100
672	0006004	1260	C2	L	0.2560	0.2660
921	0006004	1260	C2	R	0.0410	0.2630
1085	0006004	1260	B2	R	0.3450	0.3610
1244	0006004	1260	B2	L	0.3470	0.5580
566	0006004	1260	B2	L	0.0610	0.2830
714	0006004	1260	C2	R	0.3280	0.5840
850	0006004	1260	B2	L	0.0000	0.0020
861	0006004	1260	B2	R	0.2450	0.2780
1084	0006004	1260	C2	L	0.3340	0.3650
1203	0006004	1260	C2	R	0.6370	0.6410
674	0006004	1270	C2	R	0.7420	0.8670
468	0006004	1270	C2	R	0.0000	0.7420
470	0006004	1270	B2	L	0.8490	0.8940
472	0006004	1270	C2	R	1.2460	1.2810
1205	0006004	1270	B2	L	0.7670	0.8440
1037	0006004	1270	B2	L	1.2710	1.6900
1202	0006004	1270	B2	L	0.0040	0.7680
1207	0006004	1270	C2	R	1.2830	1.7000
824	0006004	1280	B3	L	0.0350	0.1820
1039	0006004	1280	C3	R	0.0460	0.1930
822	0006004	1280	B3	L	0.0000	0.0020
697	0006004	1290	B1	L	1.4740	1.6850
520	0006004	1290	B1	L	0.6890	0.8410
523	0006004	1290	C1	R	0.6720	0.8250
868	0006004	1290	C1	R	1.0880	1.1840
873	0006004	1290	C1	R	0.4870	0.5170
1090	0006004	1290	C1	R	0.2610	0.2800
1252	0006004	1290	B1	L	1.3100	1.4720
1262	0006004	1290	C1	R	0.8270	0.8460
549	0008001	0025	A1	L	0.1020	0.1960
743	0008001	0025	A1	L	0.0160	0.0490
601	0008002	0030	A2	L	0.3510	0.3740
1122	0008002	0030	A2	L	0.3260	0.3320
553	0008002	0080	A1	R	0.1140	0.2040
604	0008002	0080	A1	L	0.9870	1.5140

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
747	0008002	0080	A1	L	2.9140	3.0500
905	0008002	0080	A1	L	1.6320	1.8050
963	0008002	0080	A1	R	0.2420	0.3550
1125	0008002	0080	A1	L	0.1150	0.3160
606	0008002	0090	A1	L	0.3510	0.3870
1126	0008002	0090	A1	R	0.3510	0.3870
750	0008002	0090	A1	R	0.3010	0.3280
967	0008002	0090	A1	L	0.2950	0.3290
908	0008002	0100	A1	L	0.1730	0.1860
1129	0008002	0100	A1	R	0.1710	0.1840
556	0008002	0100	A1	L	0.7500	0.8690
609	0008002	0100	A1	R	0.1300	0.1420
752	0008002	0100	A1	L	0.1230	0.1440
971	0008002	0130	A1	R	0.8820	0.9460
911	0008002	0130	A1	R	0.8060	0.8560
1131	0008002	0140	A1	R	0.7190	0.8590
979	0008002	0180	A1	L	1.5810	1.5870
559	0008002	0180	A1	L	1.2150	1.2250
983	0008002	0180	A1	R	2.4850	2.4930
1139	0008002	0180	A1	R	1.2210	1.2260
922	0008002	0180	A1	R	2.7380	2.7590
981	0008002	0180	A1	R	2.4750	2.4830
802	0008002	0190	A1	L	3.0880	3.0990
970	0008002	0190	A1	R	0.0180	0.0210
811	0008002	0190	A1	R	0.9790	1.0000
1143	0008002	0190	A1	R	2.2820	2.3070
620	0008002	0210	B1	R	0.1340	0.1750
980	0008002	0210	B1	L	0.1240	0.1330
815	0008002	0210	C1	R	0.2080	0.3270
982	0008002	0210	C1	R	0.1200	0.1620
1193	0008002	0210	B1	R	0.2230	0.3280
531	0008002	0220	B1	L	0.3410	0.3450
767	0008007	1070	A1	R	0.2560	0.2750
725	0008007	1080	A1	L	0.4670	0.5140
758	0008007	1080	A1	L	0.5270	0.6050
817	0008007	1080	A1	L	0.4050	0.4290
926	0008007	1080	A1	L	0.1070	0.2750

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
928	0008007	1080	A1	L	1.5270	1.6520
1136	0008007	1080	A1	L	0.9510	1.2470
977	0008007	1080	A1	L	1.2610	1.2810
932	0008007	1090	A1	R	0.4190	0.4370
1149	0008007	1090	A1	L	0.4360	0.4660
1088	0008007	1090	A1	L	0.2930	0.3210
671	0008007	1100	A1	L	0.9300	0.9450
709	0008007	1100	A1	L	0.0470	0.1000
856	0008007	1100	A1	R	0.0240	0.0930
988	0008007	1110	A1	R	0.6350	0.8720
989	0008007	1110	A1	L	0.6330	0.6540
769	0008007	1120	A1	R	0.5840	0.5990
770	0008007	1120	A1	L	0.5810	0.5980
1019	0008007	1120	A1	L	0.3860	0.4010
1148	0008007	1120	A1	R	0.3850	0.4010
1230	0008007	1120	A1	L	1.3600	1.4340
819	0008007	1130	A1	L	1.2030	1.2160
871	0008007	1130	A1	L	0.7640	0.8040
872	0008007	1130	A1	R	0.3530	0.3750
869	0008007	1130	A1	L	1.0650	1.1020
1041	0008007	1140	A1	L	0.1700	0.2140
1094	0008007	1150	A1	L	0.3890	0.4040
1144	0008007	1150	A1	R	0.3600	0.3860

**3.5.8 W-Beam Timber Posts**

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
<b>SYDNEY WEST ZONE</b>						
1937	0000548	0010	A1	L	1.3880	1.4090
1455	0000548	0010	A1	R	1.3890	1.4700
1512	0000548	0010	A1	R	1.2500	1.3620
1527	0000548	0010	A1	L	1.2390	1.3510
1933	0000548	0010	A1	R	1.6980	1.8130
753	0008002	0130	A1	R	0.2460	0.2560
1130	0008002	0130	A1	R	0.1420	0.1550
1937	0000548	0010	A1	L	1.3880	1.4090

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
1455	0000548	0010	A1	R	1.3890	1.4700
1512	0000548	0010	A1	R	1.2500	1.3620
1527	0000548	0010	A1	L	1.2390	1.3510
1933	0000548	0010	A1	R	1.6980	1.8130
753	0008002	0130	A1	R	0.2460	0.2560
1130	0008002	0130	A1	R	0.1420	0.1550

### 3.5.9 Wire Rope

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
<b>SYDNEY WEST ZONE</b>						
224	0000002	0510	B1	C	0.6900	0.9450
455	0000002	0510	B1	C	1.2940	1.5580
298	0000002	0510	B1	C	0.9960	1.2650
288	0000002	0641	C2	L	1.6740	1.7110
308	0000002	0641	B2	R	1.6590	1.7020
248	0000002	0675	C1	L	0.6610	0.6770
62	0000002	0685	B1	L	0.8840	1.4250
144	0000002	0685	B1	R	0.5940	0.8840
319	0000002	0685	C1	L	0.0000	0.1210
356	0000002	0685	B1	R	1.5040	2.3320
1250	0000002	0685	B1	L	0.8120	1.4250
579	0000002	0688	B2	R	0.0360	0.2360
325	0000005	0950	C1	L	0.1970	0.2320
172	0000005	1435	C1	L	0.8350	0.8820
195	0000005	1515	B1	C	0.0680	0.1860
125	0000177	0101	C1	L	0.1050	0.1850
720	0000177	0101	C1	L	0.1060	0.1850
1346	0000620	0375	B1	C	0.0540	0.4690
548	0006004	1201	B4	R	1.1910	1.7050
584	0006004	1201	B4	R	2.4910	2.8600
597	0006004	1201	C4	L	1.9740	2.2710
1097	0006004	1201	B4	R	1.7180	2.4340
678	0006004	1203	B1	R	0.0000	0.3880
700	0006004	1203	C1	L	0.0000	0.0640
744	0006004	1203	B1	R	0.4460	0.8010

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

Object ID	Road No.	Link No	C Way	Side	Start Offset	End Offset
901	0006004	1203	C1	L	0.1220	0.4220
602	0006004	1205	C2	L	0.7170	0.8420
655	0006004	1205	B1	R	0.0000	0.8400
904	0006004	1205	C2	L	0.0540	0.5140
703	0006004	1207	C1	L	0.0000	0.5050
853	0006004	1207	B1	R	0.0000	0.5220
656	0006004	1215	B1	R	3.0970	3.1170
800	0006004	1215	C1	L	0.0000	0.0010
855	0006004	1215	B1	R	0.1850	2.1450
907	0006004	1215	B1	R	2.1540	3.0420
961	0006004	1215	B1	R	0.0000	0.1690
399	0006004	1220	B2	R	2.0610	3.3820
555	0006004	1220	B2	R	0.0000	1.0330
1025	0006004	1225	B1	R	0.3820	0.4350
509	0006004	1230	B1	R	2.2390	4.5000
808	0006004	1230	B1	R	0.0000	0.4140
917	0006004	1230	B1	R	4.6340	5.9710
1243	0006004	1230	B1	R	0.5080	1.3400
1080	0006004	1240	B1	R	0.0000	0.1780
1204	0006004	1270	B2	C	1.2500	1.6900
823	0006004	1280	B3	C	0.0000	0.3980
718	0006004	1290	C1	L	0.0960	0.7640
719	0006004	1290	B1	C	0.8790	1.6850
1038	0006004	1290	B1	C	0.0000	0.1700
1145	0008007	1150	A1	R	0.3730	0.5380

**3.5.10 Rockfall Fencing**

Object Id	Road No.	Link No	C Way	Start Offset	End Offset
<b>SYDNEY WEST ZONE</b>					
1630	0000570	1050	A1	1.9090	1.9320
1690	0000570	1050	A1	2.2340	2.3410
1693	0000570	1050	A1	2.3730	2.4330
1977	0000570	1050	A1	1.5660	1.6900



**3.5.11 Pedestrian Fencing**

Object No	Road No.	Link No	Cway	Side	Start Offset	End Offset
<b>SYDNEY WEST ZONE</b>						
7	2	0580	B1	C	0.0230	0.2640
70	2	0580	B1	C	0.2650	0.2710
153	2	0580	B1	C	0.2880	0.5270
223	2	0590	B1	C	0.0190	0.4710
28	5	1001	B2	C	0.2570	0.3760
57	5	1001	B2	C	0.0150	0.2320
56	5	1050	B1	L	0.2440	0.2730
303	5	1090	A2	R	0.4060	0.4370
323	5	1100	B2	L	0.3100	0.3210
267	13	1010	B1	C	0.1340	0.1730
105	13	1030	B1	L	0.4270	0.4680
360	13	1030	B1	C	0.4030	0.5090
66	13	1050	B1	C	0.0950	0.4940
190	13	1050	B1	L	0.4000	0.4330
291	13	1075	B2	C	0.0330	0.3800
86	13	1095	B1	C	0.2120	0.5710
147	13	1095	B1	C	0.6120	0.9340
19	13	1106	C1	L	0.2300	0.2380
2802	155	1030	A1	R	0.2550	0.2590
2845	155	1030	A1	L	0.2640	0.2700
2448	177	0170	B2	C	0.0190	0.2050
2207	178	0095	B1	C	0.8760	0.9780
2121	178	0205	C1	R	0.3710	0.3930
2144	178	0205	B1	L	0.2680	0.2710
2150	178	0205	C1	R	0.2730	0.2760
2178	178	0205	B1	L	0.4050	0.4070
2254	178	0205	C1	R	0.2810	0.2830
2282	178	0205	B1	L	0.3140	0.3340
2288	178	0205	B1	L	0.4100	0.4120
2434	178	0205	B1	L	0.2020	0.2090
2619	178	0205	B1	L	0.2230	0.2310
2699	178	0205	C1	R	0.4230	0.4270
2701	178	0205	C1	R	0.3250	0.3470
2731	178	0205	B1	L	0.2600	0.2660

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Object No	Road No.	Link No	Cway	Side	Start Offset	End Offset
2733	178	0205	B1	L	0.3560	0.3780
2120	179	0055	A1	C	1.3280	1.4860
2362	181	1110	A1	L	0.6060	0.6190
1460	534	0010	A2	C	1.0340	1.0550
1466	534	0010	A2	R	0.8450	0.8740
1631	534	0010	A2	C	0.8980	1.0110
1636	534	0010	A2	L	0.8070	0.8270
1749	534	0010	A2	L	0.8540	0.8780
1500	534	0015	A1	R	0.0560	0.0950
1790	534	0015	A1	R	0.0960	0.1140
1390	537	1060	A1	C	0.2400	0.2840
1504	609	0055	B1	C	0.0550	0.1280
1508	609	0055	B1	C	0.1380	0.3760
1538	609	0055	C1	R	0.4780	0.5580
1546	609	0060	A1	R	0.0450	0.0520
1569	609	0070	B1	C	0.0190	0.2260
1579	609	0070	C1	R	0.1250	0.1320
1580	609	0075	A1	R	0.0010	0.0050
1602	609	0075	A1	L	0.1490	0.1540
1603	609	0075	A1	L	0.1630	0.1670
1619	609	0075	A1	L	0.1780	0.1910
1629	609	0075	A1	L	0.1970	0.2030
1379	629	0080	B1	L	1.3230	1.4590
1381	629	0080	B1	C	1.4930	1.6850
1117	635	0060	C2	R	0.7280	0.7340
1227	635	0060	C2	R	0.7660	0.7770
736	642	0110	B2	C	0.1970	0.3400
846	642	0115	B1	C	0.1310	0.1620
847	642	0115	B1	C	0.0310	0.1140
1015	642	0115	C1	R	0.0990	0.1280
1016	642	0122	C1	L	0.0380	0.1680
845	642	0125	B1	C	0.4150	0.5320
954	642	0125	B1	L	0.8180	0.8250
1014	643	0010	B1	R	0.2310	0.3330
844	644	0110	B1	C	0.0890	0.1310
950	644	0110	B1	C	0.1410	0.2000

Object No	Road No.	Link No	Cway	Side	Start Offset	End Offset
1060	644	0120	B1	C	0.0030	0.0940
1221	648	0075	B1	C	0.4990	0.6710
1168	648	0085	C1	R	0.7730	0.7780
637	681	0017	B1	C	0.8990	0.9110
1154	681	0017	B1	C	0.9100	0.9140
482	683	0040	B1	C	0.7010	0.8910
1121	8001	0025	A1	R	0.1740	0.1790
745	8002	0060	A2	L	0.9080	0.9130
551	8002	0080	A1	C	2.2000	2.2840
746	8002	0080	A1	C	2.1570	2.1940
748	8002	0080	A1	C	0.0160	0.1230
902	8002	0080	A1	L	1.8630	2.2010
1123	8002	0080	A1	L	2.2530	2.6210
1124	8002	0080	A1	R	1.8580	2.1460
751	8002	0100	A1	C	0.4930	0.5330
1128	8002	0100	A1	C	0.5410	0.5850
611	8002	0140	A1	C	0.1280	0.2260
754	8002	0140	A1	R	0.1160	0.1300
973	8002	0140	A1	L	0.1220	0.1420
677	8002	0220	C1	R	0.0460	0.0710
756	8002	0220	C1	R	0.0140	0.0380
1195	8002	0220	B1	R	0.0130	0.0380
1210	8002	0220	B1	R	0.0460	0.0700
1201	8007	1110	A1	C	0.8760	0.9370
990	8007	1140	A1	C	0.9800	1.0260

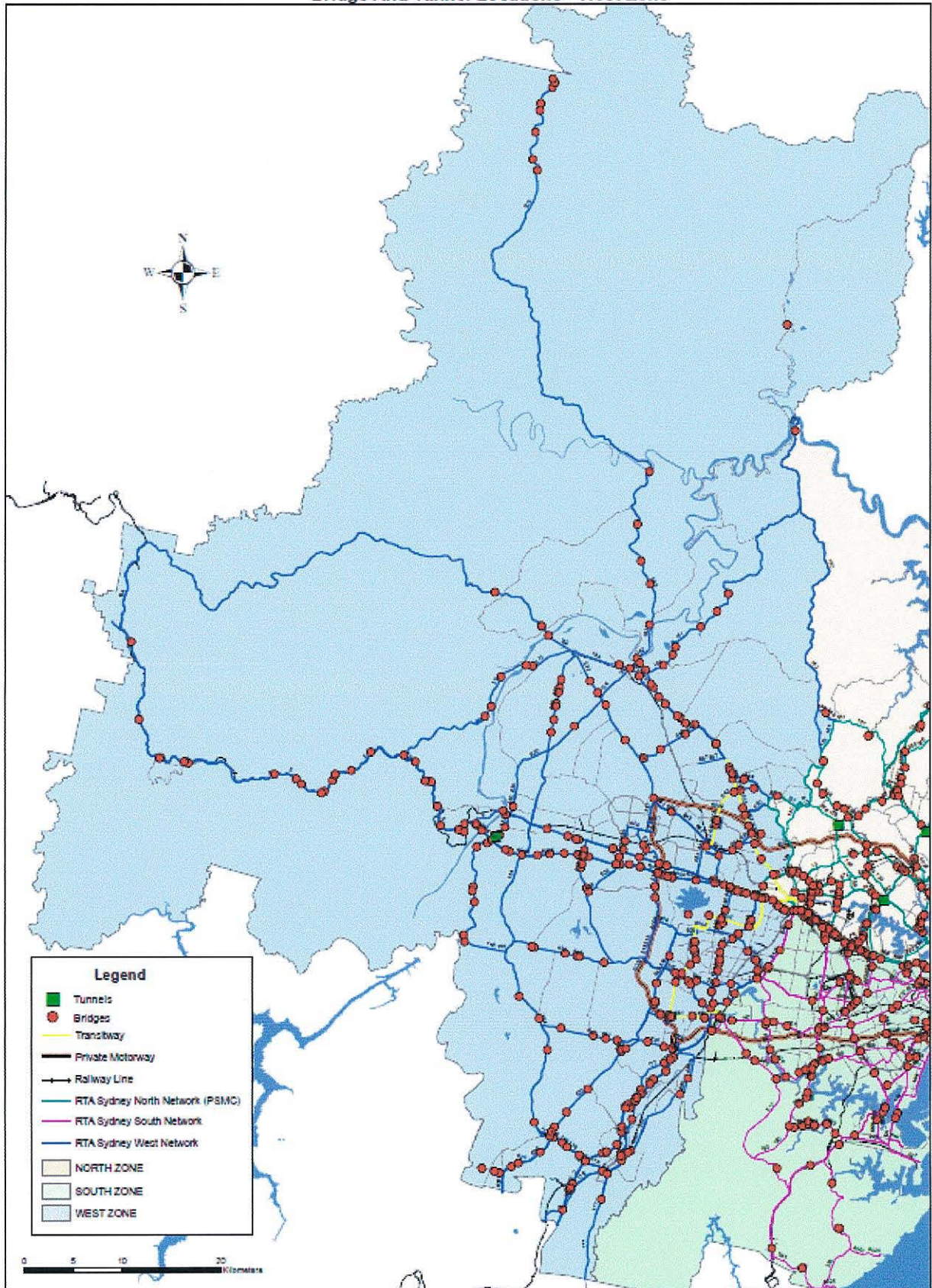
### 3.6 Bridges and Bridge Sized Culverts

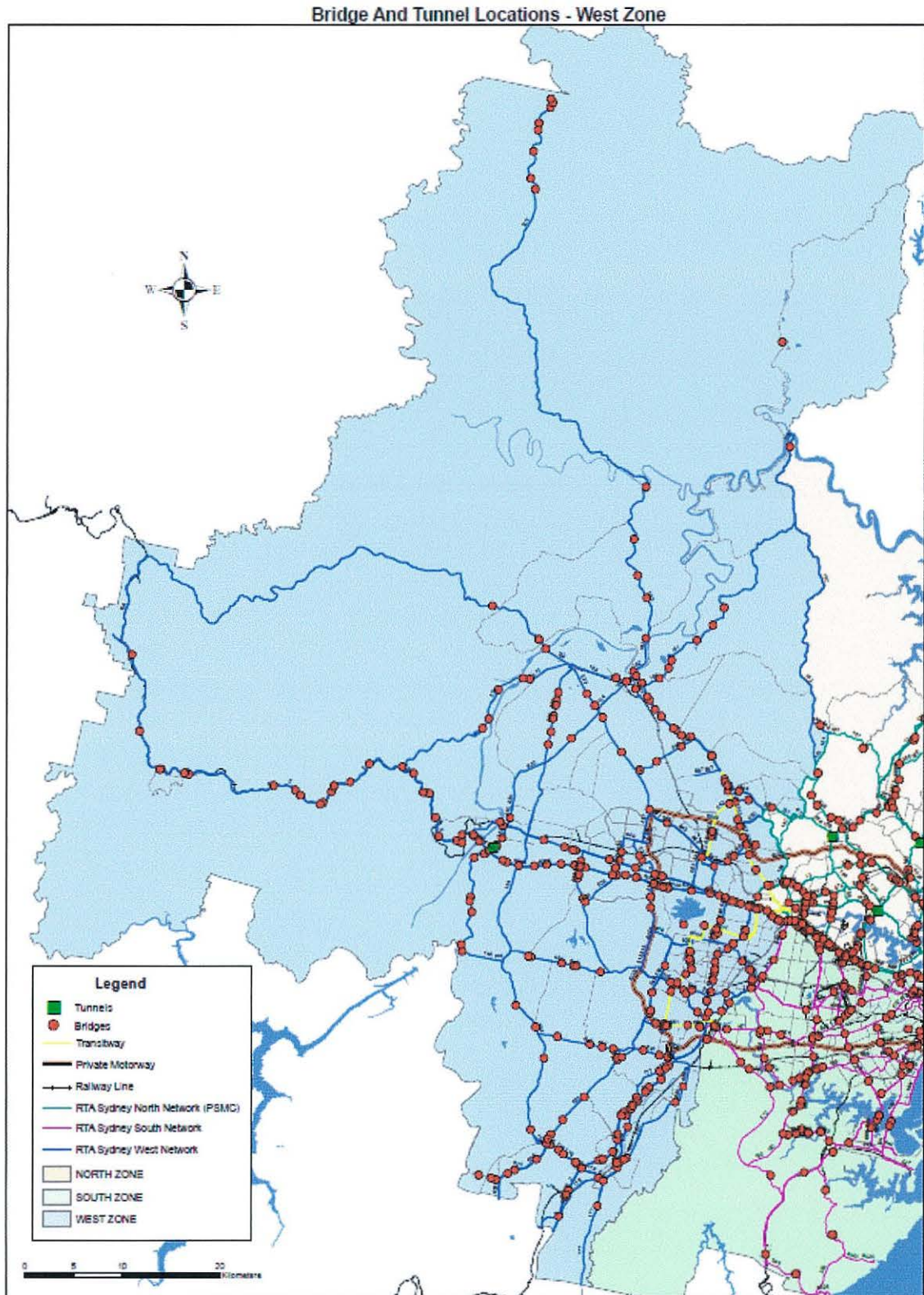
#### 3.6.1 Bridges and Bridge Sized Culverts

Bridge size culverts are defined as a culvert with a span exceeding 6m or 20m<sup>2</sup> 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





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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
<b>SYDNEY WEST ZONE</b>						
220	259	W/B Flexible.4 Bridge Over	Brabham Drive	At Eastern Creek	21	Concrete
221	260	E/B Flexible.4 Bridge Over	Brabham Drive	At Eastern Creek	21	Concrete
222	261	Bridge On M4 E/B	Eastern Creek	Eastern Creek	43	Concrete
223	262	Bridge On M4 W/B	Eastern Creek	Eastern Creek	43	Concrete
224	264	Bridge On Archbold Road	Freeway F4	Colyton	95	Concrete
225	265	Bridge On M4 W/B	Ropes Creek At	Colyton	43	Concrete
226	266	Bridge On M4 E/B	Ropes Creek	Colyton	43	Concrete
227	267	Bridge Over Freeway	At Roper Street,	Colyton	88	Concrete
228	268	Bridge Over Freeway	At Bennets Road,	Street. Marys	79	Concrete
229	269	Culvert On SR 6004	Byrnes Creek	Street Marys	11	Culvert
230	271	Culvert On M4	South Creek(Anabranh)	Street Marys	21	Culvert
231	272	Bridge On M4 E/B	South Creek	Penrith	65	Concrete
232	273	Bridge On M4 W/B	South Creek	Penrith	65	Concrete
233	274	Bridge Over Freeway	At Kent Road	Orchard Hills	79	Concrete
234	275	Culvert On SR 6004	Bound Creek	Orchard Hills	12	Culvert
235	276	Bridge Over Freeway	At Kingswood Road	Orchard Hills	79	Concrete
236	278	Culvert On SR 6004	Unnamed Creek	Penrith	9	Culvert
237	279	Culvert On SR 6004	Unnamed Creek	Penrith	9	Culvert
238	280	W/B Flexible.4 Bridge Over	Mulgoa Road - MR155	At Regentville	64	Concrete
239	281	Bridge On M4 W/B	Nepean River At	Regentville	319	Concrete
240	282	Culvert On M4	Jamieson Creek	Emu Plains	25	Culvert
241	283	EB Bridge On Camden Valley Way	M5	Preston	85	Concrete

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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
242	284	Culvert, E. Of Ash Road.	Over Unnamed Creek	At Prestons	26	Culvert
243	285	Culvert On Hume Highway	Over Unnamed Creek	South Of Camden Valley Way	19	Culvert
244	286	Bridge On MR177	Over SH2	At First Crossing	92	Concrete
248	291	Northbound Bridge	Over Prospect Creek	At Lansdowne	59	Concrete
249	292	Southbound Bridge	Over Prospect Creek	At Lansdowne	68	Concrete
250	293	Bridge On Hume Highway	Cabramatta Creek	Cabramatta	47	Concrete
253	296	Pedestrian Subway	Under SH2	At Warwick Farm	3	Culvert
254	299	Culvert On SR 620	Roaches Culvert	Prestons	9	Culvert
256	301	Water Supply	Channel At	Leppington	17	Concrete
257	302	Culvert On SR 620	Bonds Creek	Leppington	8	Culvert
274	320	Culvert On SH5	Over Girraween Creek	Prospect	12	Culvert
275	321	Bridge On MR644 -	Prospect Highway Over SH5	At Prospect	46	Concrete
276	322	Bridge On Great Western Highway E/B	Eastern Creek	Eastern Creek	36	Steel Beam
277	323	Bridge On Great Western Highway W/B	Eastern Creek	Eastern Creek	36	Steel Beam
278	324	Culvert On SH 5	Unnamed Creek	Eastern Creek	13	Culvert
279	325	Culvert On SH5	Over Unnamed Creek		9	Culvert
280	326	Bridge On Great Western Highway W/B	Ropes Creek	Mt Druitt	42	Concrete
281	327	Bridge On Great Western Highway E/B	Ropes Creek	Mt Druitt	43	Concrete
282	328	Culvert On SH 5	Byrnes Creek	Street Marys	20	Culvert
283	329	Bridge On SH 5	South Creek E/B	Street Marys	63	Concrete
284	330	Culvert On SH5	Over Claremont Creek	Werrington	9	Culvert
285	331	Culvert On SH5	Over Werrington Creek	Kingswood	7	Culvert

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

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
286	332	Bridge On SH 5	Peach Tree Creek	Penrith	15	Concrete
287	333	Victoria Bridge	Over Nepean River	At Penrith	274	Steel Beam
311	375	Bridge On Northern Road	Over Thompson's Creek	Bringelly	22	Concrete
312	376	Culvert On Northern Road	Over Badger's Creek	At Bringelly	8	Culvert
313	377	Bridge On Northern Road -	MR154 Over Flexible.4	At Penrith	88	Concrete
315	379	Culvert On MR154	Over Unnamed Creek	Londonderry	7	Culvert
317	381	Culvert On Park Road	Over Jerrys Creek	At Wallacia	9	Culvert
319	383	Culvert On Mulgoa Rigid	Over U/N Creek 2.3K N Of	L'Fields Road Mulgoa	7	Culvert
320	384	Bridge On Mulgoa Road	Over Mulgoa Creek	Regentville	15	Concrete
321	386	Bridge On Mulgoa Road	Surveyors Creek	Jamisontown	16	Concrete
339	406	Bridge On Pitt Town Road	Over Hortons Creek	Pitt Town	8	Timber Beam
340	407	Culvert On Cattai Road	Longneck Creek	Maraylya	10	Culvert
341	408	Bridge On Cattai Road	Cattai Creek	Cattai	38	Concrete
342	409	Bridge On Cattai Road	Over Little Cattai Creek	Cattai	15	Concrete
346	413	Street. Albans Bridge	Over Macdonald River	At Street. Albans	116	Timber Truss
348	415	Bridge On Bridge Street	Hawkesbury River	Windsor	143	Concrete
349	416	Bridge On Wilberforce Rigid	Buttsworth Creek	Wilberforce	27	Concrete
355	422	Cycle Way Bridge On MR184	Second Ponds Creek	Rouse Hill	23	Concrete
359	426	Bridge On Windsor Road	South Creek	McGraths Hill	82	Concrete
360	427	Bridge On Richmond Road	Rickabys Creek	Windsor	32	Concrete



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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
362	429	Bridge On SR 184	Hawkesbury Rigid	North Richmond	215	Concrete
363	430	Bridge On Bells Line	Over Red Bank Creek	North Richmond	32	Steel Beam
364	431	Bridge On SR 184	Little Wheeney Creek	Kurrajong	18	Concrete
381	481	Bridge On Putty Road	Currency Creek	Wilberforce	27	Concrete
382	482	Bridge On Putty Road	Howes Creek	East. Kurrajong	42	Concrete
383	483	Bridge On Putty Road	Roberts Creek	East Kurrajong	41	Concrete
384	484	Bridge On Putty Road	Over Colo River	Colo	187	Concrete
387	488	Culvert On Putty Road	Stoney Waterhole		8	Culvert
388	489	Culvert On Putty Road	Over Mellong Swamp		7	Culvert
400	503	Culvert On Elizabeth D	Brickmakers Creek	Liverpool	7	Steel Beam
401	504	Bridge On Elizabeth Drive	Cabramatta Creek	Mt Pritchard	75	Concrete
402	505	Culvert On Elizabeth D	Green Valley Creek	Mt Pritchard	20	Culvert
407	510	Bridge On Wallgrove Road-	MR515 Over Flexible.4	At Eastern Creek	79	Concrete
410	513	Bridge On Cabramatta Road	Southern Railway	At Cabramatta Stn	80	Concrete
411	514	Green Valley Creek	At W Cabramatta		13	Culvert
412	515	Bridge On Elizabeth Drive	Over Kemps Creek	At Kemps Creek	34	Concrete
414	517	Bridge On Elizabeth Drive	Over South Creek	At Kemps Creek	34	Concrete
415	518	Bridge On Elizabeth Drive	Over Badgerys Creek	At Badgerys Creek	18	Concrete
416	519	Culvert On Elizabeth D	Oakey Creek	Luddenham	7	Culvert
417	520	Culvert On Elizabeth D	Cosgrove Creek	Luddenham	10	Culvert
418	521	Culvert On Mamre	Over Unnamed	N Of Erskine Park	14	Culvert

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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
		Road	Creek,.4Km	Road		
419	522	Culvert On Mamre Road	Unnamed Creek	Street Clair	8	Culvert
420	523	Cul On Mamre Road	Unnamed Creek	Street Clair	6	Culvert
421	524	Bridge On Mamre Road -	MR536 Over Flexible.4	Street Marys	79	Concrete
422	525	Culvert On Mamre Road	Byrnes Creek	Street Marys	16	Culvert
423	528	Bridge On Richmond Road	Bells Creek	Colebee	19	Concrete
424	529	Bridge On Richmond Road	South Wienmatta Creek	Marsden Park	98	Concrete
425	531	Bridge On Blacktown Road	Rickabys Creek	Richmond	101	Concrete
426	532	Culvert On Blacktown Rigid	Unnamed Creek	Richmond	20	Culvert
427	533	Culvert On Garfield Road	First Ponds Creek	Riverstone	13	Culvert
429	535	Garfield Bridge	Over Eastern Creek	At Riverstone	30	Concrete
430	536	Culvert On Garfield Road	Unnamed Creek	Marsden Park	8	Culvert
431	537	Bridge On Mid Dural Road	Colah Creek	Galston	32	Concrete
432	538	Bridge On Springwood Road	Shaws Creek	Hawkesbury Heights	53	Concrete
433	539	Bridge On Springwood Road	Lynchs Creek	Yarramundi	46	Concrete
434	540	Bridge On Springwood Road	Mahons Creek	Yarramundi	20	Concrete
436	542	Yarramundi Lagoon	At Agnes Banks		10	Timber Beam
443	550	Bridge On Horsley Drive	Over Byrne's Creek	At Fairfield	37	Concrete
455	564	Culvert On SH13 Over	Brickmakers Creek	At SH2 Junction	10	Culvert
456	566	Bridge On SH13	Over Green Valley Creek	At Canley Heights	17	Concrete
457	567	Bridge On SH13	Orphan School	At Fairfield West	23	Concrete

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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
		Over	Creek			
458	568	Kenyons Bridge On SH13	Over Prospect Creek	At Smithfield	31	Concrete
461	572	Bridge On MR644	Over Western Rail At	Seven Hills Station	83	Concrete
462	573	Culvert On MR 644	Over Blacktown Creek	At Seven Hills	15	Culvert
463	574	Bridge On Seven Hills Rigid	Toongabbie Creek	Baulkham Hills	10	Concrete
474	590	Bridge On Bringelly Road	South Creek	Rossmore	37	Concrete
477	593	S/B Bridge On SH2	Over Macdonald Road	At Ingleburn	58	Concrete
478	594	N/B Bridge On SH2	Over Macdonald Road	At Ingleburn	58	Concrete
479	595	Bridge On Brooks Road	Over SH2	At Ingleburn	85	Steel Beam
480	596	Bridge On SH2	Over Cottage Creek	Ingleburn	11	Culvert
481	599	S/B Bridge On SH2 Over	Bunbury Curran Creek	Ingleburn	23	Concrete
482	600	N/B Bridge On SH2 Over	Bunbury Curran Creek	Ingleburn	23	Concrete
483	601	Culvert On Street Andrews	Bunbury Curran Creek	At Minto	14	Culvert
484	602	Bridge On Street. Andrews Road	Over SH2	At Minto	112	Concrete
485	603	Bridge On Raby Road	Over SH2	At Street. Andrews	80	Steel Beam
486	604	Bridge On N/B On load Rigid.	Over SH2	At Street. Andrews	206	Concrete
487	605	Bridge On SH2 - S/B	Over Badgally Road	At Campbelltown	59	Concrete
488	606	Bridge On SH2 - N/B	Over Badgally Road	At Campbelltown	59	Concrete
489	608	Bridge On Glenlee Road	Over SH2	At Menangle Park	80	Concrete
490	744	Culvert On Camden Valley Way	Over Riley Creek	Leppington	7	Culvert

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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
491	745	Culvert On SR 620	South Creek	Catherine Field	10	Culvert
492	746	Culvert On SR 620	Narellan Creek	Smeaton Grange	10	Culvert
493	747	Culvert On MR620	Over Currans Creek	At Harrington Park	9	Culvert
494	748	Currans Diversion	Channel-0Ff	Loading	11	Culvert
496	750	N/B Bridge On Camden Bp	MR620 Over Narellan	Road-MR178, Narellan	47	Concrete
497	751	Bridge On Camden Bypass	MR620 Over Richardson	Road At Camden	34	Concrete
498	752	Macarthur Bridge On Cam	Den Bypass-MR620 Over	Macarthur Road, Camden	29	Concrete
499	753	Nepean Rigid	Macarthur Bridge At	Camden	1030	Steel Beam
500	819	Bridge On Northern Road	Over Narellan Creek	Harrington Park	43	Concrete
501	820	Culvert On Northern Road	Over Lowes Creek	Bringelly	12	Culvert
502	824	Culvert On Appin Road	Spring Creek	Ambarvale	10	Culvert
505	827	Culvert On SR 177	Bow Bowing Creek	Leumeah	24	Culvert
507	829	Culvert On SR 177	Thompson Creek	Street Andrews	9	Culvert
508	830	Bridge On SR 177	Bunbury Curran Creek	Ingleburn	23	Concrete
509	831	Bridge On MR177	Over S/B SH2-2Nd Xing	At Ingleburn	89	Concrete
510	832	Bridge On MR177 Over	N/B SH2 (2Nd Xing)	At Ingleburn	89	Concrete
511	833	Culvert On SR 177	Cottage Creek	Denham Court	10	Culvert
512	834	Culvert On SR 177	Unnamed Creek	Glenfield	10	Culvert
515	837	E/B Bridge On MR178 ,	Narellan Road, Over SH2	At Kenny Hill	71	Concrete
516	838	Narellan Road Bridge-W/B	Over Water Race	At Kenny Hill	19	Concrete
517	839	Narellan Road Bridge-E/B	Over Water Race	At Kenny Hill	19	Concrete
518	840	Culvert On Narellan Road	Narellan Creek	Smeaton Grange	8	Culvert
519	841	Culvert On	Currans Crossing	Smeaton Grange	8	Culvert

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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
		Narellan Road				
522	849	Bridge On Menangle Road	Over SH2	At Menangle Park	104	Concrete
524	864	Culvert On Druitt La	Unnamed Creek	Camden	6	Culvert
525	865	Bridge On Burragong Rd	Matahil Creek	Camden	64	Concrete
526	866	Culvert On Druitt Lane	Unnamed Creek	Cawdor	13	Culvert
527	967	Bridge On Old Great Western Highway	Knapsack Gully	Glenbrook	118	Concrete
530	971	Bridge On Hawkesbury Road	Western Rail & SH5	Springwood	60	Steel Beam
532	973	Tollgate Drive	SH5	At Linden	21	Steel Beam
553	6459	Bridge On SH2 - N/B	Over Railway	At Glenlee	84	Concrete
554	6460	Bridge On SH2 - S/B	Over Railway	At Glenlee	84	Concrete
555	6517	Bridge On SH2 - N/B	Over Water Supply Canal	At Glenlee	13	Concrete
561	6551	Bridge On SH13	Over Water Supply Pipe.	At Woodpark	45	Concrete
563	6559	Bridge On SH2 - S/B	Over Water Supply Canal	At Glenlee	13	Concrete
564	6688	Culvert On SR 177	Fishers Ghost Creek	Campbelltown	8	Culvert
572	6753	Bridge Over SH5	At Fletcher Street	Glenbrook	24	Concrete
578	6802	Bridge On Coleman Street	F4	Mays Hill	89	Concrete
581	6806	Bridge On Richmond Road	Over Eastern Creek	At Woodcroft	33	Concrete
584	6836	Bridge On Francis Road	Over Western Railway & Roads	At Rooty Hill	100	Concrete
586	6838	Bridge Old Windsor Road	Over Toongabbie Creek	At Pyes Crossing	32	Concrete
601	6902	Pedestrian Bridge	Over SH5	At Leura School	42	Steel Beam
604	7247	Pedestrian Bridge	Over Moore-Oxley-	At Campbelltown	97	Concrete

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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
			Bypass			
606	7249	Johnston's Bridge	Over Toongabbie Creek	At Reynolds's Park	88	Concrete
608	7266	Pedestrian Subway	At Glenbrook		2	Culvert
612	7302	Pedestrian Bridge	Over SH5	At Blaxland	93	Steel Beam
622	7444	Pedestrian Bridge	Over Joseph Street-SH13	Cabramatta Primary School	141	Concrete
623	7446	W/B Bridge On MR178 -	Narellan Road, Over SH2	At Kenny Hill	73	Concrete
624	7447	W/B Bridge On M5 Over	Georges Rigid, Local Road	& Railway At Casula	290	Steel Beam
627	7470	Bridge On SH13-N/B Over	Water Supply Canal	At Woodpark	22	Concrete
631	7491	E/B Flexible.4 Bridge	Over Mulgoa Road-MR155	At Regentville	66	Concrete
635	7545	Culvert On MR155	Over Schoolhouse Creek	At Regentville	7	Culvert
636	7548	Culvert On Putty Road	Howes Swamp		16	Culvert
645	7571	Bridge On SH13	Over Cabramatta Creek	Cabramatta	61	Concrete
650	7607	Culvert On SH13	Over Orphan School Creek	At Fairfield West	12	Culvert
653	7639	Culvert On MR 644	(At Leabons Lane)	Over Blacktown Creek	17	Culvert
654	7640	Bridge On M4 E/B	Nepean River At	Regentville	321	Concrete
655	7678	Bridge On SH5 - W/B	Over South Creek	At Street. Marys	70	Concrete
660	7747	Pedestrian Subway	Under SH5	At Lawson	44	Culvert
661	7748	Pedestrian Bridge Over SH13	At Fairfield West	Public School	140	Concrete
672	7808	Pedestrian Bridge	Over SH5 At School	At Hazelbrook	139	Steel Beam
683	7832	Pedestrian Bridge	Over SH13, At Neville	Street, Smithfield	135	Concrete
695	7887	Relief Culvert On SH13	For Cabramatta Creek	At Cabramatta West	33	Culvert

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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
713	8024	Bridge On SH 13	Over 6004 (M4)	S. Wentworthville	51	Concrete
714	8025	Bridge On Ettalong Road	6004 (M4)	Greystanes	55	Concrete
715	8026	Pedestrian Bridge At Beresford	M4 Western Freeway	Greystanes	53	Concrete
716	8027	Bridge On Greystanes Road	M4	Greystanes	65	Concrete
717	8028	Bridge On Clunies Ross	6004 (M4)	Prospect	53	Concrete
718	8029	Bridge On Prospect Highway	6004 (M4)	Prospect	59	Concrete
727	8038	Bridge On 6004 (M4)	Reservoir Road	Prospect	25	Concrete
746	8140	Bridge On Russell Street	F4 Freeway	Emu Plains	61	Concrete
750	8164	Bridge On Great Western Highway (SH5)	Over On load Ramp At	Governors Drive, Lapstone	19	Concrete
754	8246	Bridge On Carlisle Avenue	Over Western Railway & Roads	At Mt Druitt	0	Concrete
755	8247	Bridge On Carlisle Avenue	Over Ropes Creek	At Minchinbury	70	Concrete
756	8248	Culvert On Erskine Park	Road Over Unnamed Creek	At Erskine Park	32	Culvert
757	8249	Pedestrian Bridge	Over Carlisle Avenue	Mt Druitt	140	Concrete
758	8250	Culvert On Burns Road	Macarthur Creek Near	Arnold Avenue, B'Hills	10	Culvert
762	8254	Bridge On Gipp Road	Over Prospect Creek	Smithfield	18	Culvert
763	8255	Bridge On Gipps Road	Over Water Sup. Canal	At Graystones.	22	Concrete
764	8256	Bridge On Gipps Road	Over Water Supply Lin	At Greystanes	3	Culvert
765	8257	P culvert On Hassall Street	Over Unnamed Creek	At Smithfield	8	Culvert
766	8258	Bridge On Cowpasture Road	Over Bonds Creek	Leppington	11	Culvert
779	8322	Bridge On	Over Polding Street	At Smithfield	113	Concrete

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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
		Cumberland Hw				
783	8339	Culvert On Bringelly Rigid	Over Kemps Creek	Rossmore	8	Culvert
784	8340	Culvert On Bringelly Rigid	Over Unnamed Creek Near	Fourth Avenue Austral	10	Culvert
785	8341	Culvert On Bringelly Rigid	Over Bonds Creek	Austral	10	Culvert
786	8343	Culvert On Sunnyholt	Over Caddies Creek	Parklea	13	Culvert
787	8344	P' Culvert On Memori Avenue	Strangers Creek Near	Balmoral Road K'Ville	8	Culvert
794	8362	Culvert On Wallgrove Rigid	Over Unnamed Creek	S Of SH5 Eastern Creek	7	Culvert
795	8363	Bridge On Francis Road	Over Angus Creek	Rooty Hill	13	Concrete
796	8365	Culvert On Mulgoa Road	Over U/N Creek 0.8K N Of	L'Fields Road Mulgoa	6	Culvert
797	8366	Culvert On Mulgoa Road	Over U/N Creek 1.96K N O	L'Fields Road Mulgoa	7	Culvert
802	8371	P culvert On Putty Road	Over Unnamed Creek North	Of Mellong Swamp	7	Culvert
820	8396	Bridge On 6004 (M4)	Over Finlayson Creek	S. Wentworthville	23	Concrete
821	8397	Bridge On 6004 (M4)	Over Centenary Road	S.Wentworthville	21	Concrete
822	8398	Culvert On 6004 (M4)	Over Coopers Creek	Greystanes	10	Culvert
823	8399	Bridge On 6004 (M4)	Over Pendle Hill Creek	Greystanes	18	
824	8400	Culvert On M4	East Arm Of Greystanes Creek	Greystanes	7	Culvert
825	8401	Culvert On M4	West Arm Of Greystanes Creek	CIn Rss Street Greystanes	7	Culvert
829	8466	Pedestrian Bridge	Over Redbank Creek	North Richmond	48	Timber Beam
833	8505	Bridge On Beresford Road	M4	Greystanes	44	Concrete
7499	8342	Culvert ON Sunnyholt Rigid	Over Breakfast Creek	Blacktown	7	Culvert



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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
7500	8465	Pedestrian Bridge	Over Narellan Road	Currans Hill	152	Concrete
7514	8359	New Bridge On SH5	Western Rail	Bulls Camp Woodford	16	
7675	8551	Pedestrian Bridge	Over Elizabeth Drive	Bonnyrigg	2	
7680	8556	Pedestrian Way On SR155(E)	Surveyors Creek	Jamisontown	16	
7681	8557	Pedestrian Way On SR155(W)	Surveyors Creek	Jamisontown	16	
7682	8558	Culvert On SH2	Biriwiri Creek	Campbelltown	9	Culvert
7683	8559	Culvert On Mamre Road	Unnamed Creek	Street Clair	12	Culvert
7698	8578	Bridge On Mulgoa Road	Jerrys Creek	Wallacia	16	Concrete
7699	8579	Bridge On Narellan Road	Southern Rail & Creek	Campbelltown	75	
7701	8581	Pedestrian Bridge	SH13 Nr Canley Vale	Canley Heights	137	Concrete
7713	8593	Bridge On Appian Way	SH5	Woodford	44	Steel Beam
7714	8594	Pedestrian Bridge	SH5	Woodford	206	Steel Beam
7715	8595	Pedestrian Bridge	SH5	Warrimoo	82	
7726	8605	Culvert On Castlecrag	Boundary Creek	Penrith.	6	
7747	8586	Bridge On Canterbury Road	Bunbury Curran Creek	Glenfield	65	Concrete
7748	8587	Pedestrian Subway Under	Herald, Hazlett Par	Macq Fields	4	Culvert
7749	8588	Culvert On Pembroke Road	Unnamed Creek	Lumeah	4	Culvert
7750	8589	Culvert On Pembroke Road	Smith Creek	Leumeah	10	Culvert
7751	8590	Culvert On Rudd Road	Unnamed Creek	Lumeah	6	Culvert
7752	8636	Bridge On Elizabeth Drive	South Creek Flood Way	Kemps Creek	26	Concrete
7799	8684	Bridge On SH5	Western Railway	Warrimoo	64	
7801	8686	E/B Bridge On M5	Georges Rigid, Local	&Sthn Rail Casula	288	Concrete

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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
		Over	Road			
7872	8731	Culvert On Putty Road	Tinda Creek		25	Culvert
7873	8737	Bridge S/B On MR 177	Southern Rail	Campbelltown	61	Concrete
7874	8738	Bridge On SH5	Service Road	Warrimoo	24	Concrete
7964	8815	Culvert On Pitt Town Road	Unnamed Creek	Pitt Town	7	Culvert
8075	8916	Culvert On Putty Road	Stoney Creek		7	Culvert
8081	8925	Culvert On Putty Road	Wallaby Swamp		8	Culvert
8082	8926	Culvert On Putty Road	Gibba Swamp		8	Culvert
8085	8929	Culvert On Sunnyside Road	Unnamed Creek	Vardys Road, Kings Park	9	Culvert
8095	8943	Pedestrian Bridge	SH5	Valley Heights	101	Steel Beam
8187	8996	Bridge N/B On SR 177	Southern Rail	Campbelltown	61	Concrete
8189	8998	Bridge On SH 13 (N/B)	Water Supply Pipe L	Woodpark	45	Concrete
8190	8999	Bridge On SH 13 (N/B)	Prospect Creek	Smithfield	32	Concrete
8191	9025	Arch Culvert On SR 635	Unnamed Creek	Bella Vista	10	
8192	9026	Culvert On SR 635	Unnamed Creek	Bella Vista	8	
8201	9035	Culvert On Hoxton Park Rigid	Unnamed Creek Near Gill	Liverpool	7	Culvert
8202	9036	Culvert On Hoxton Park Rigid	Brickmakers Creek	Liverpool	7	Culvert
8205	9039	Bridge On Hoxton Park Road	(E/B)Cabramatta Creek	Miller	29	Concrete
8207	9042	Bridge On Horsley Drive	Southern Railway	Carramar	27	Concrete
8216	9054	Culvert On Elizabeth D	Clear P'K Creek (East)	Bonnyrigg	29	
8299	9140	Bridge On Pitt Town Road	McKenzie Creek	Pitt Town	15	Concrete

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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
8301	9141	Bridge On SH 13 S/B	Water Supply Canal	Woodpark	14	Concrete
8322	9052	Pedestrian Bridge	SH5	Faulconbridge	43	Concrete
8342	9185	Culvert On Elizabeth D	Clear P'K Creek (West)	Bonnyrigg Heights	11	
8343	9186	Culvert On Old Windsor	Caddies Creek	Stanhope Gardens	13	
8344	9187	Culvert On Windsor Road	Creek South Of Marivi Road	Kellyville	15	
8346	9190	E/B Bridge On Great Western Highway	Western Railway	Linden	28	Concrete
8347	9191	Arch Stru On Horsley	Wattle Avenue	Carramar	21	Concrete
8657	9410	Arch Structure On Great Western Highway	Old Great Western Highway	Mt Victoria	18	Concrete
8777	9752	Tunnel Under	Mulgoa Road	Jamisontown	75	Concrete
8780	9210	Pedestrian Bridge	SH2	Raby	117	Concrete
8781	9495	Bridge On SH5	Gully At Tollgate D	Linden	88	Concrete
8782	9496	Bridge On Seven Hills Road	Transitway	Kings Langley	14	Concrete
8784	9497	Pedestrian Bridge	Over Horsley Drive	Fairfield	227	
8814	9606	Bridge On Cycleway	Over Conduit 6	Prospect Reservoir	22	
8815	9616	Bridge N/B	Over Byrne's Creek	Fairfield	37	Concrete
8838	9615	Bridge On Great Western Highway	Western Railway	Medlow Bath	17	Concrete
8839	9613	Bridge On Great Western Highway	Western Railway	Shell Cnr, Katoomba	21	
8840	9614	Bridge On Bathurst Road	Great Western Hw	Shell Cnr, Katoomba	16	Concrete
8891	9621	Bridge On Springwood	Nepean River	Yarramundi	121	Concrete
8915	9582	Bridge On LPT Transitway	Water Pipe/ Prospect	Wetherill Park	161	Concrete
8916	9744	Pedestrian Bridge	T Way	Prairiewood	50	Concrete
8917	9745	Culvert On T Way	Un Creek Restwell	Boosley Park	24	Culvert

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Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
			Street			
8919	9747	Culvert No 1 On Transitway	Un Creek Edensor Road	Street Johns Park	5	Culvert
8920	9756	Culvert No2 On Transitway	Un/D Creek Near Canley	Street Johns Park	5	Culvert
8921	9746	Arch Structure On Transitway	Orphan School Creek	Prairiewood	33	Concrete
8923	9753	Bridge On Windsor Road	Unnamed Creek	McGraths Hill	14	Concrete
8924	9754	Culvert On Windsor Road	Unnamed Creek	Vineyard	11	Culvert
8925	9751	Culvert On Hoxton Park Road	Unnamed Creek	Cartwright	12	Culvert
8928	9750	Bridge On Hoxton Park Road	Over Maxwells Creek	Liverpool	33	Concrete
8929	9759	Bridge On Hoxton Park Road	(W/B)Cabramatta Creek	Miller	29	Concrete
8934	9692	Pedestrian Bridge	Cowpasture Road	Abbotsbury	163	Concrete
8965	9743	Culvert On Old Windsor	Caddies Creek No 2	Stanhope Gardens	16	Culvert
8966	9755	Culvert On Windsor Road	Un Creek(N Of Merrivil	Kellyville	8	
9031	9987	Road Bridge On Leura Mall	SH5	Leura	21	Concrete
9070	10005	Culvert Nr Groves S	Windsor Road	Mulgrave	14	
9119	10046	Windsor Road Bridge Wb	Caddies Creek	Kellyville	46	Concrete
9120	10047	Windsor Road Bridge EB	Caddies Creek	Kellyville	46	Concrete
9121	10048	Windsor Road Bridge Wb	Smals (Strangers) Creek	Kellyville	33	Concrete
9122	10049	Windsor Road Bridge EB	Smls (Strangers) Creek	Kellyville	33	Concrete
9158	10085	Underpass 1	Under M4	Minchinbury	12	
9159	10086	Culvert (One Span)	Under M4	Minchinbury	8	
9163	9748	Culvert On Twy	Clear Paddock Creek	Nr Elizabeth Drive Ednsr Park	29	Culvert

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

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
9164	9749	Culvert On Twy	Creek Nr Brown Road	Bonnyrigg	22	Culvert
9181	10106	Tunnel On Transitway	Under Westpint	Blacktown	30	
9189	10114	Concrete Culvert	Creek	Windsor Downs	10	Culvert
9204	10150	Bridge On SH2 Entry Ramp	Bunbury Curran Creek	Street Andrews	24	
9245	10176	Cycleway Bridge Of LPT way	Creek Nr Miller Stn	Miller	16	Steel Truss
9246	10177	Cycleway Bridge Of LPT way	Creek Nr Knowles Place	Bossley Park	10	Steel Truss
9247	10178	Cycleway Bridge Of LPT way	Creek Nr Napier Place	Bossley Park	10	Steel Truss
9256	10187	Bridge On Windsor Road NB	First Pond Creek	Box Hill	36	Concrete
9257	10188	Bridge On Windsor Road SB	First Pond Creek	Box Hill	37	Concrete
9258	10189	Bridge On Windsor Road NB	Second Pond Creek	Rouse Hill	55	Concrete
9259	10190	Bridge On Windsor Road SB	Second Pond Creek	Rouse Hill	55	Concrete
9260	10191	New SH Path Bridge MR184	Second Pond Creek	Rouse Hill	57	Concrete
9266	10197	Bridge On FI Evacuation Route	South Creek	Windsor	1506	Concrete
9267	10198	Bridge On FI Evacuation Route	Mulgrave Road	Mulgrave	31	Concrete
9367	9866	Bridge On Wallgrove Road	Reedy Creek	Eastern Creek	57	
9376	9875	Bridge On Wallgrove Road	Reedy Creek Tributary	Eastern Creek	44	Concrete
9413	10239	NB Bridge On Mamre Road	M4	Street Clair	79	Concrete
9570	10359	Underpass	Hawkesbury Valley Way	Windsor	5	Concrete
9590	10379	Culvert On MR181	Unnamed Creek	Wisemans Ferry	5	Timber Beam
9605	10394	NB Bridge On Cowpasture Road	Hinchinbrook Creek	Hinchinbrook	85	

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

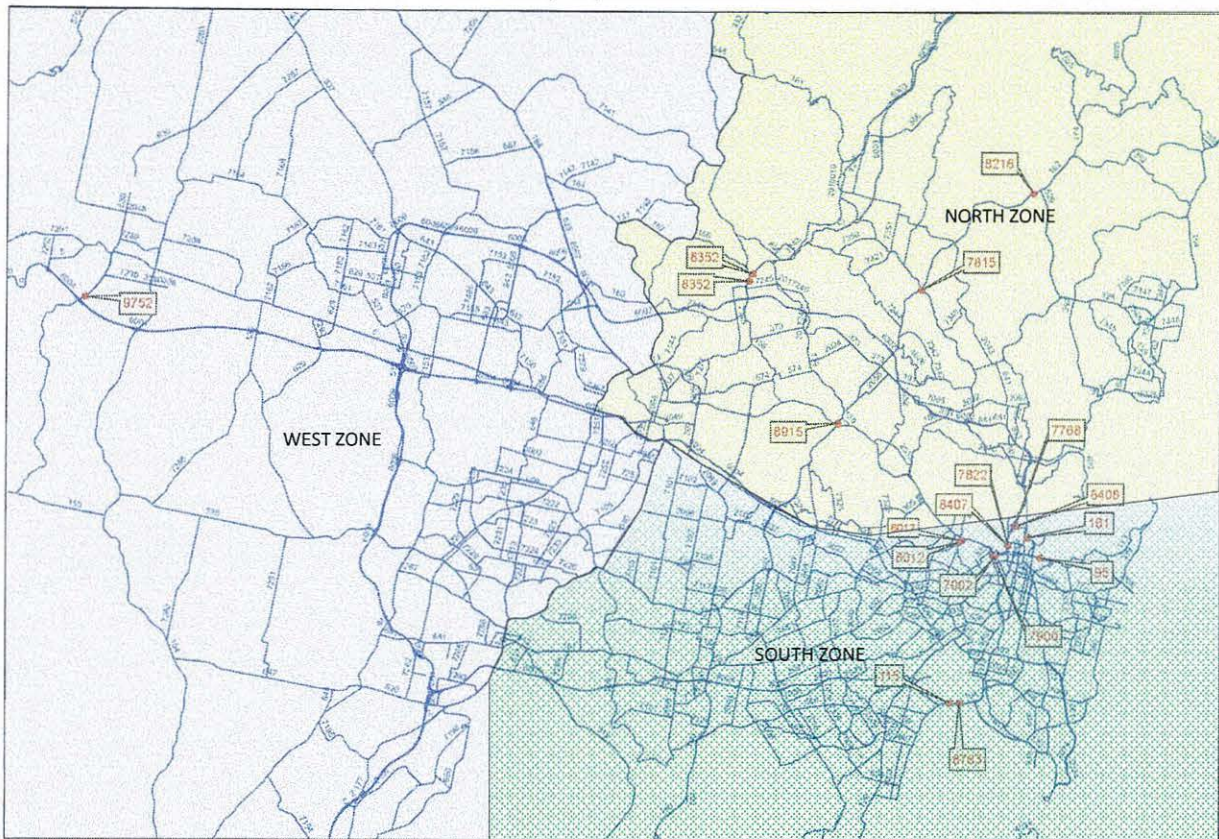
Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
9606	10395	SB Bridge On Cowpasture Road	Hinchinbrook Creek	Hinchinbrook	83	
9607	10396	Culv1 On Cowpasture Road	H'Brook Fldwy	Hinchinbrook	27	
9608	10397	Culv2 On Cowpasture Road	H'Brook Floodway	Hinchinbrook	51	
9612	10401	4Cell Culvert On MR184	Unnamed Creek	Riverstone	13	Culvert
9613	10402	4Cell Culvert On MR184	Unnamed Creek	Riverstone	13	Culvert
9614	10403	3Cell Culvert On MR184	Unnamed Creek	Vineyard	12	Culvert
9615	10404	Wb Bridge Hoxton Park Road	Hinchinbrook Creek	Hoxton Park	46	Concrete
9616	10405	EB Bridge Hoxton Park Road	Hinchinbrook Creek	Hoxton Park	46	Concrete
9696	10575	Clv3Cell Cowpasture Road	Drainage	Green Valley	51	
9734	10613	Culvert On Camden Valley Way	Cabramatta Creek	Prestons	41	Culvert
9737	10616	Pedestrian Bridge	SH5	Hazelbrook	0	Concrete
9738	10617	Underpass Livestock	Hume Highway	Glenfield	3	Culvert
9788	10667	Culvert On Mulgoa Road	Creek At Jamison Road	Jamisontown	7	Concrete
9791	10670	Pedestrian Bridge	Hume Highway	Claymore	194	Concrete
10125	11001	Culvert On MR 630	Creek At Bos'Bel Road	Londonderry	0	Culvert
10126	11002	Culvert On MR 630	Rickabys Creek	Londonderry	0	Culvert
10127	11003	Culvert On MR 630	Creek At Kenmare Road	Londonderry	0	Culvert
10128	11004	Culvert On MR630	Creek At Torkington Road	Londonderry	0	Culvert
10129	11005	2Cell Culvert MR630	Creek At Property 418	Londonderry	0	Culvert
10130	11006	4Cell Culvert MR630	Creek At Wilshire Road	Londonderry	0	Culvert
10135	11011	6 Pipe Culvert	Creek At Eucface	Londonderry	0	Culvert

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
		MR630				

### 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]
<b>SYDNEY WEST ZONE</b>				
	9752	Tunnel under Mulgoa Road	Jamisontown	75

#### 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
<b>SYDNEY WEST ZONE</b>									
	9752	Tunnel under Mulgoa Road	INFO MISSING						



### 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
<b>SYDNEY WEST ZONE</b>									
	9752	Tunnel under Mulgoa Road	INFO MISSING						



# **Stewardship Maintenance Contracts (SMCs) – Sydney North Zone**

## **Exhibit 1 – Asset Definition Specification**

9 October 2013

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

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# 1. Introduction

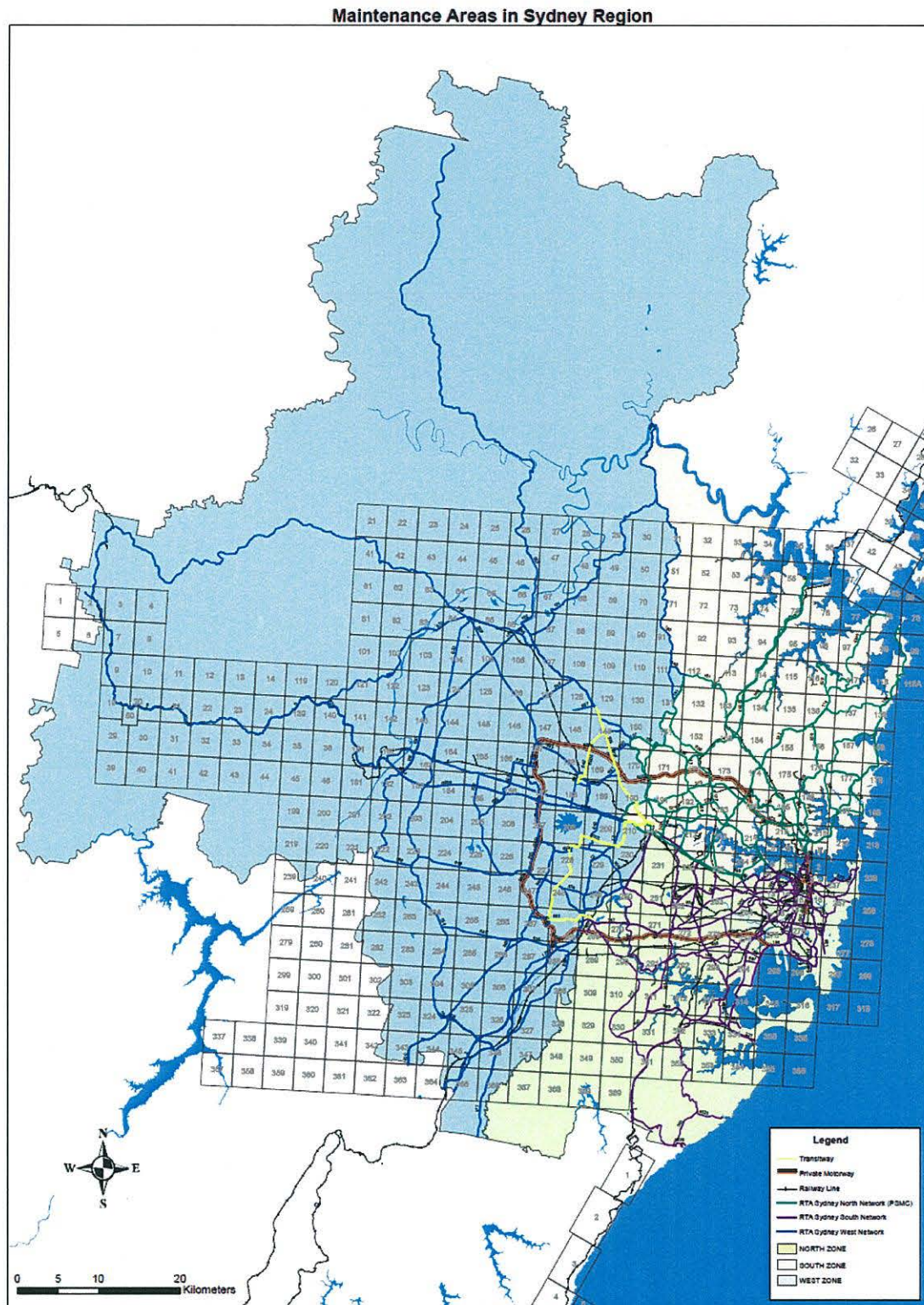
## 1.1 General

- 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.

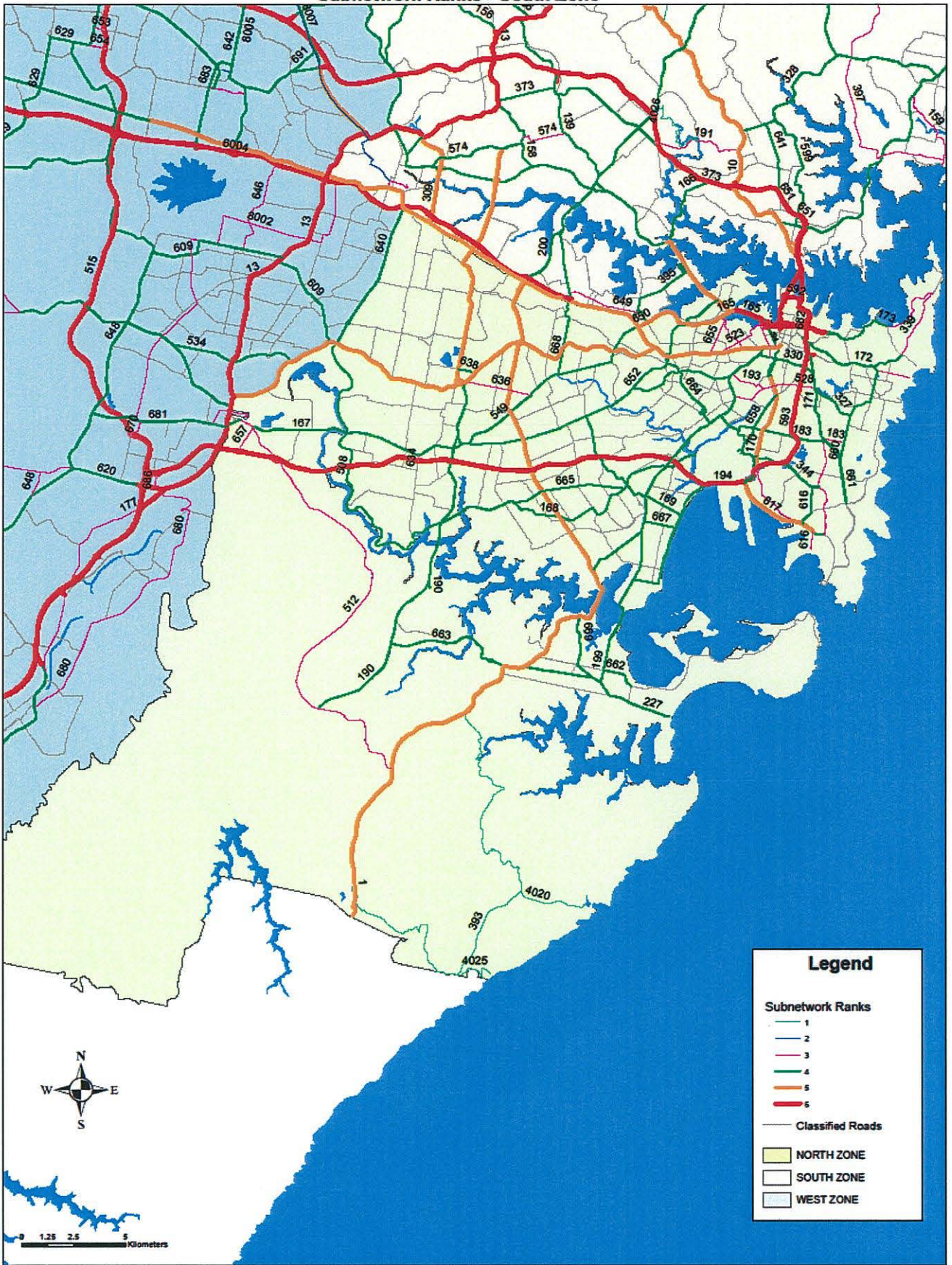
## 2 Asset Definition

### 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:



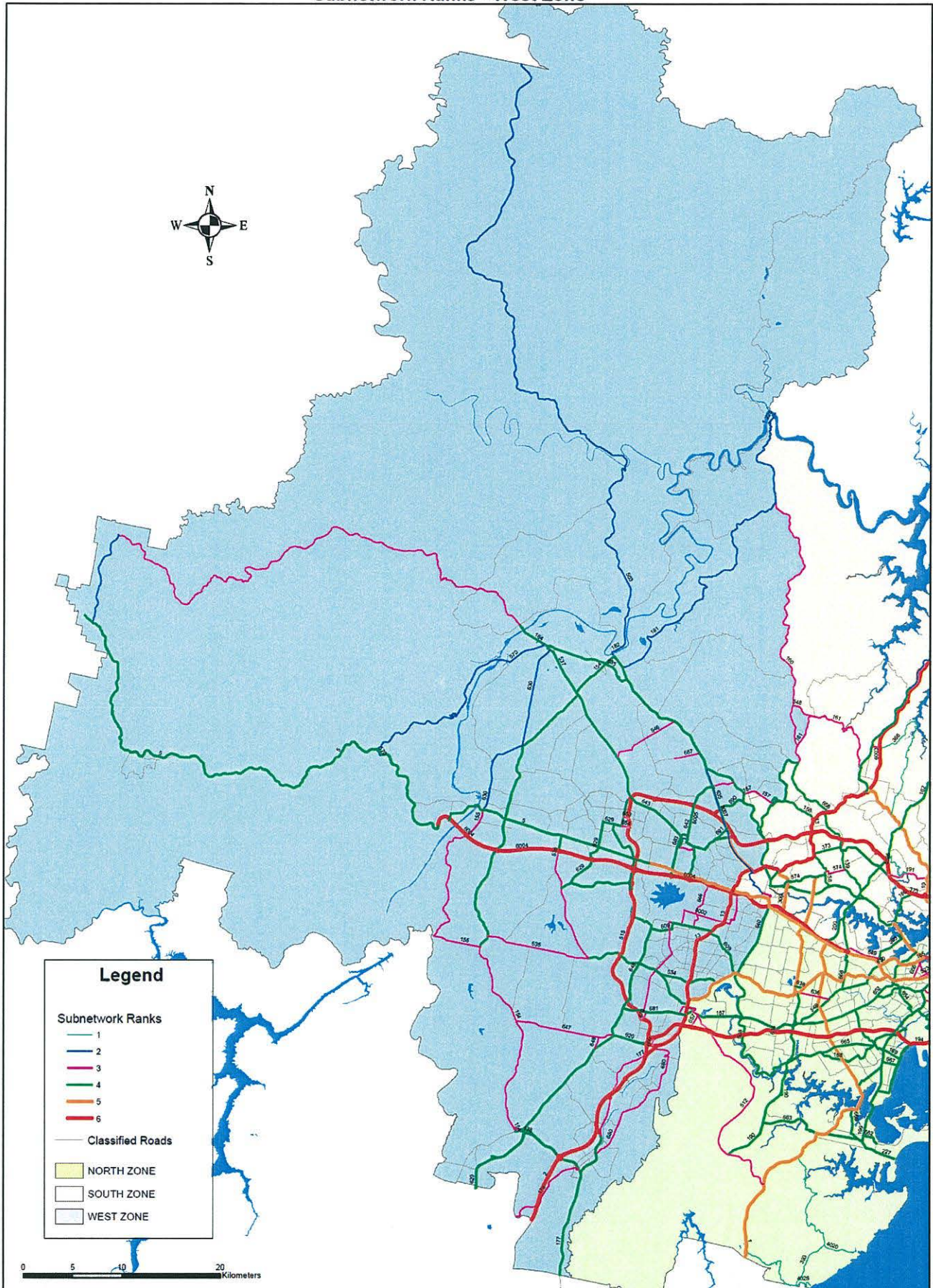
**Subnetwork Ranks - South Zone**



Print by Jane Croxall, Sydney Asset Management Section, Parramatta, 22/01/2013



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 20m<sup>2</sup> 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:

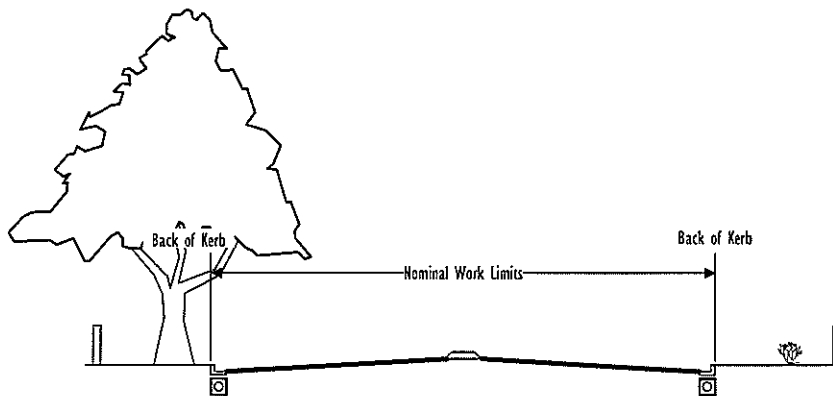
1. Vegetation within the road reserve refers to all tree, bush and ground vegetation, and will include areas within Operational Assets (e.g. Rest Areas and Roadside Toilets);
2. The areas within the NWL where vegetation must not encroach, are referred to as **Vegetation-Free Zones**. Vegetation-Free 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

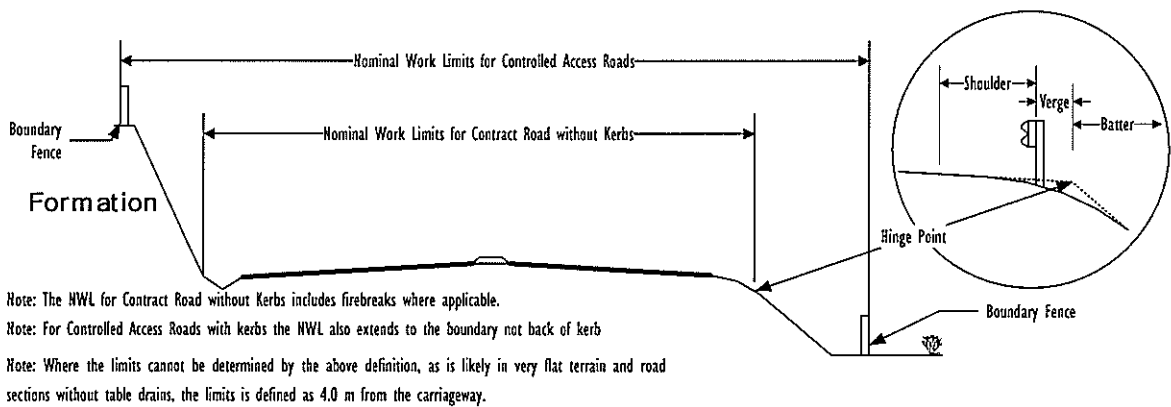
The diagrams contained in this section illustrate the Nominal Work Limits (NWL) on typical roads and intersections.

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.

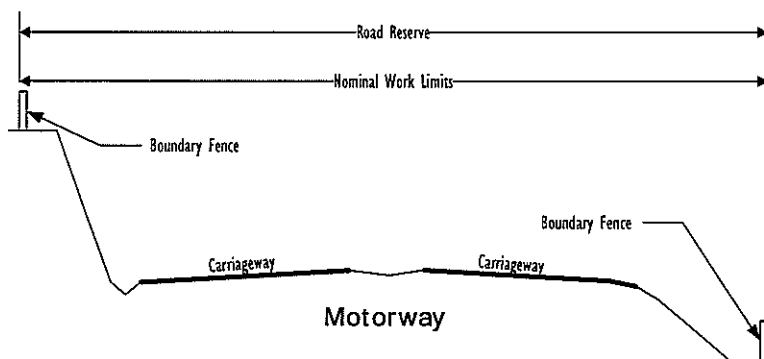
Any median, traffic islands, landscaping, kerbs, guide signs, regulatory signs, pavement markings and road furniture, falling within the NWL are included as part of the NWL unless indicated otherwise.



Nominal Work Limits (NWL) for Contract Road with Kerbs

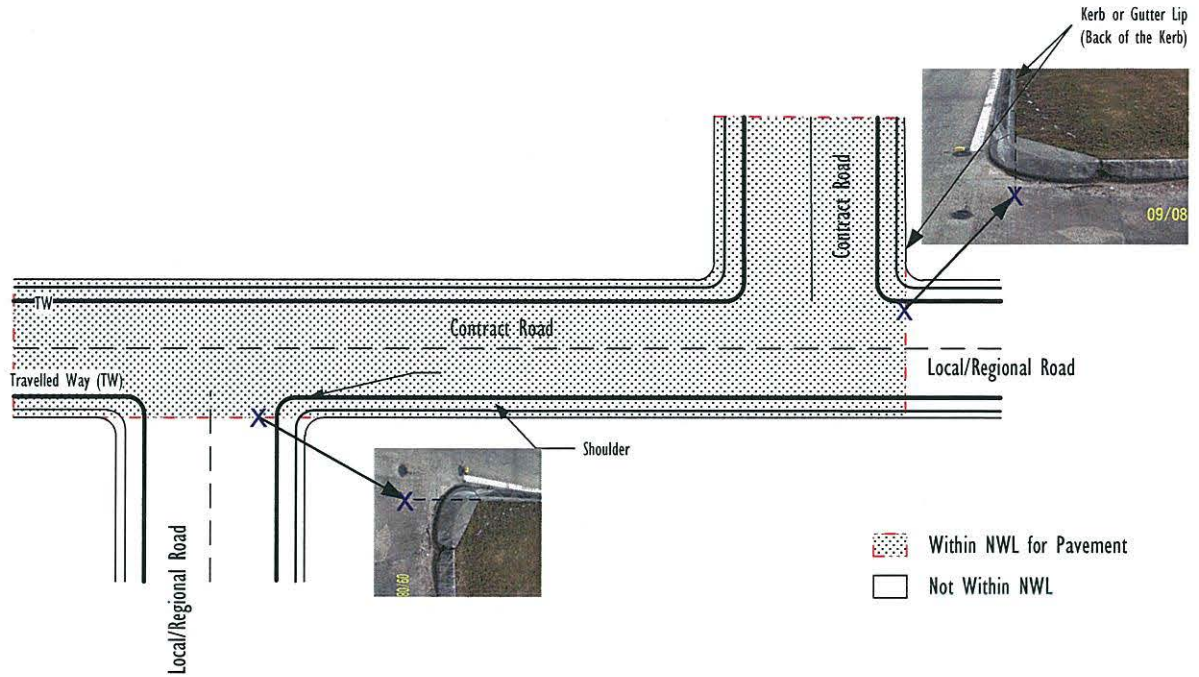


Nominal Work Limits (NWL) for Contract Road without Kerbs

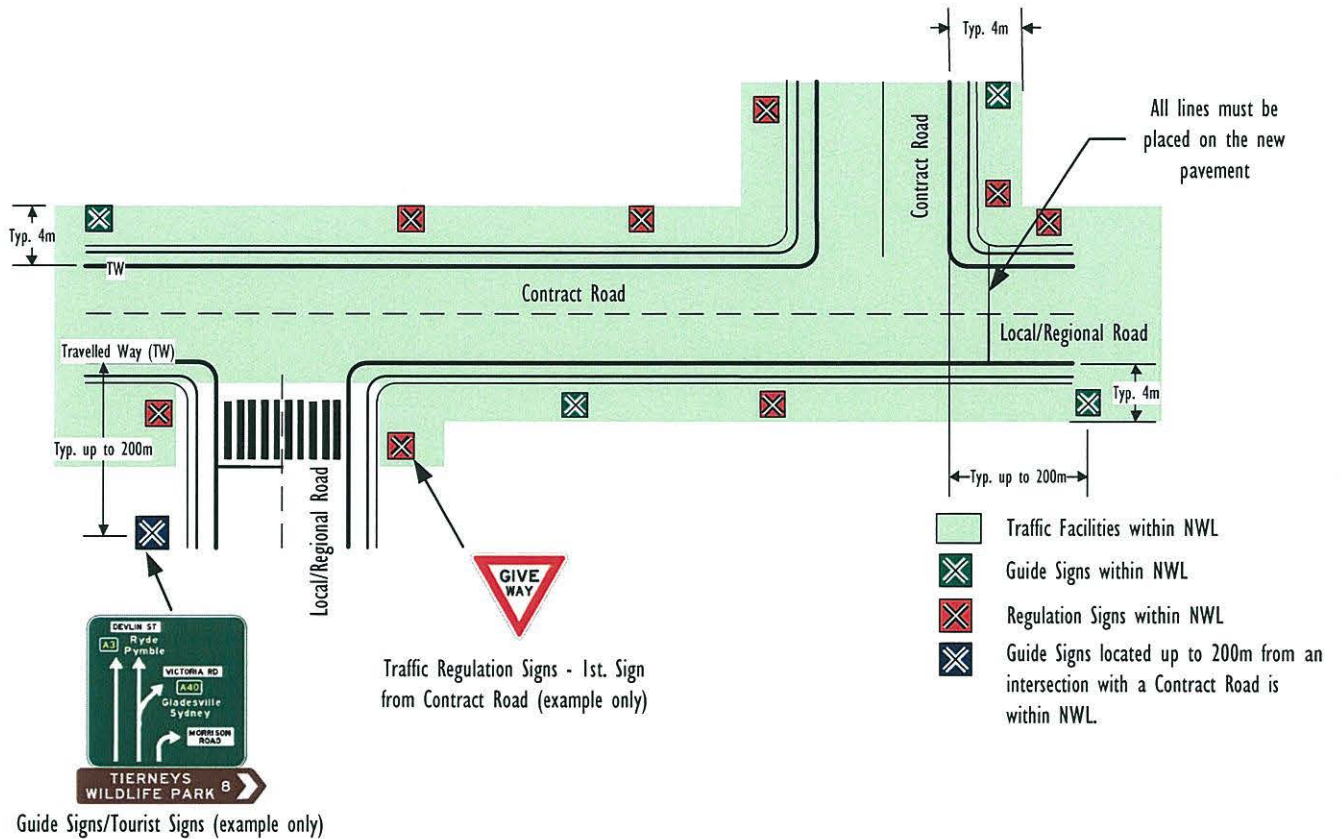


Motorway Nominal Work Limits

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



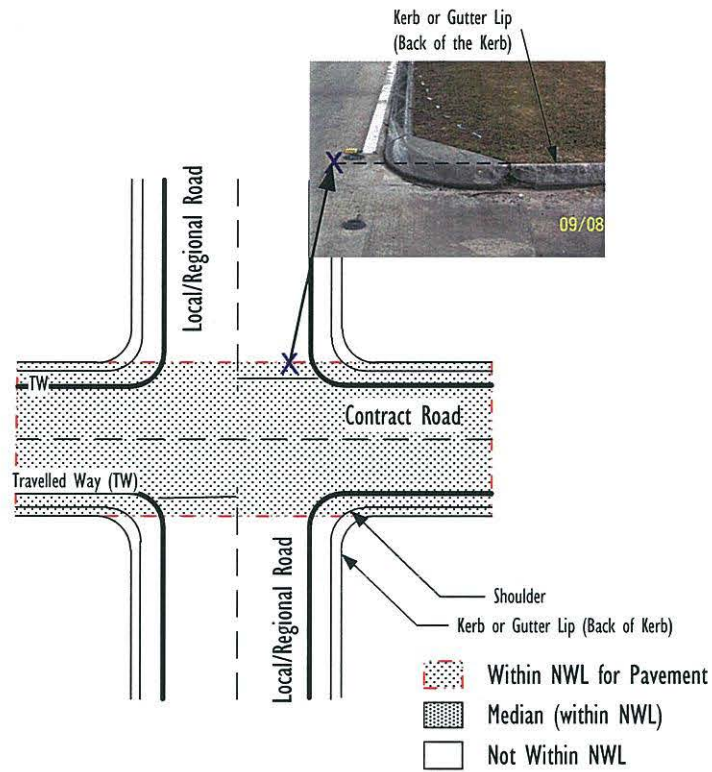
Pavement Nominal Work Limits (NWL) at minor non-signalised intersections



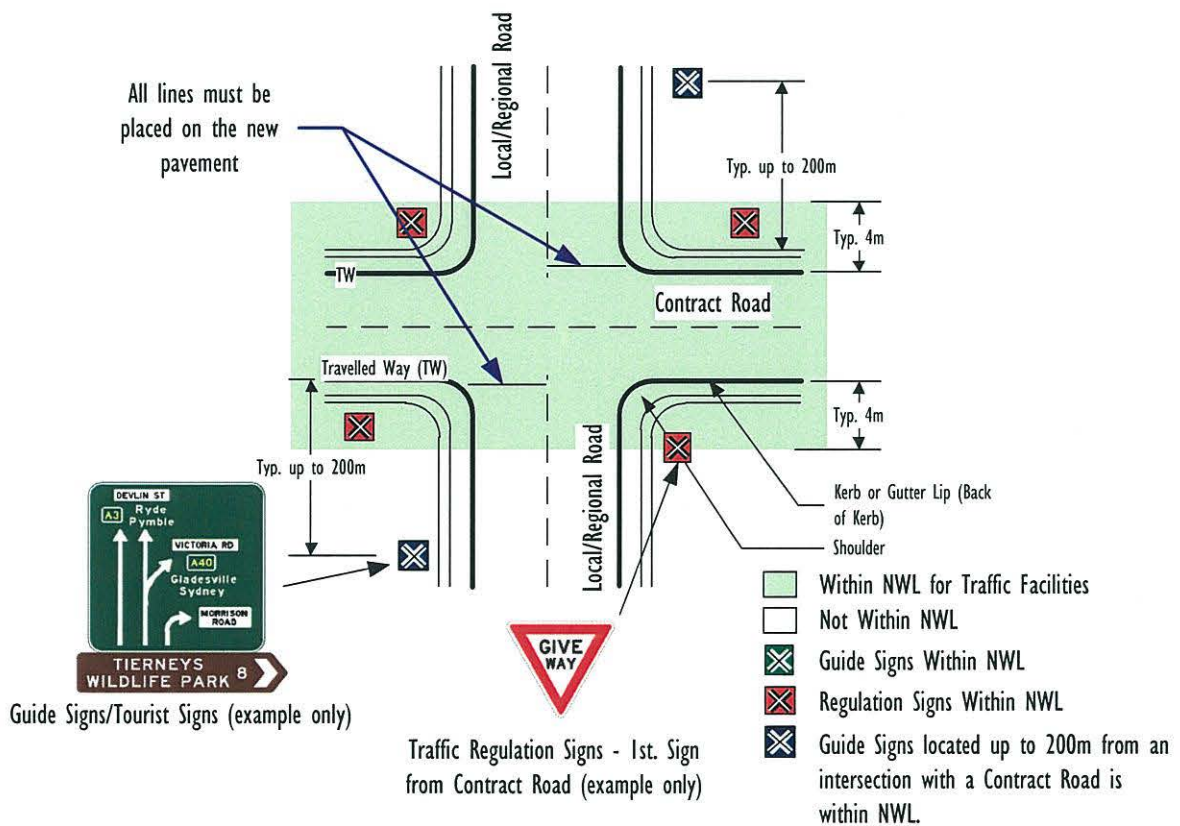
Traffic Facilities Zone of Responsibility at minor non-signalised intersection

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

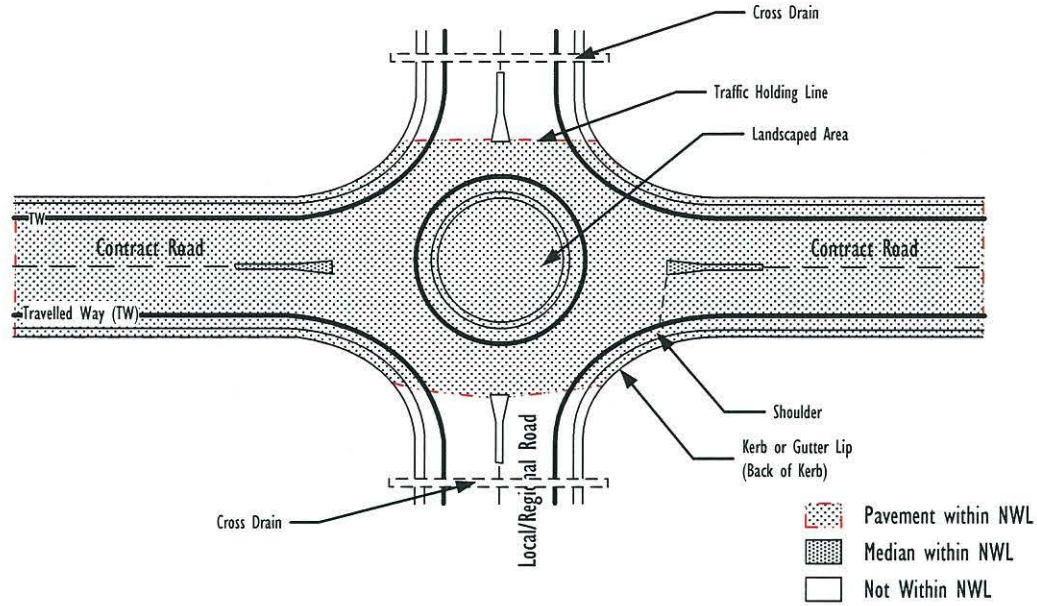




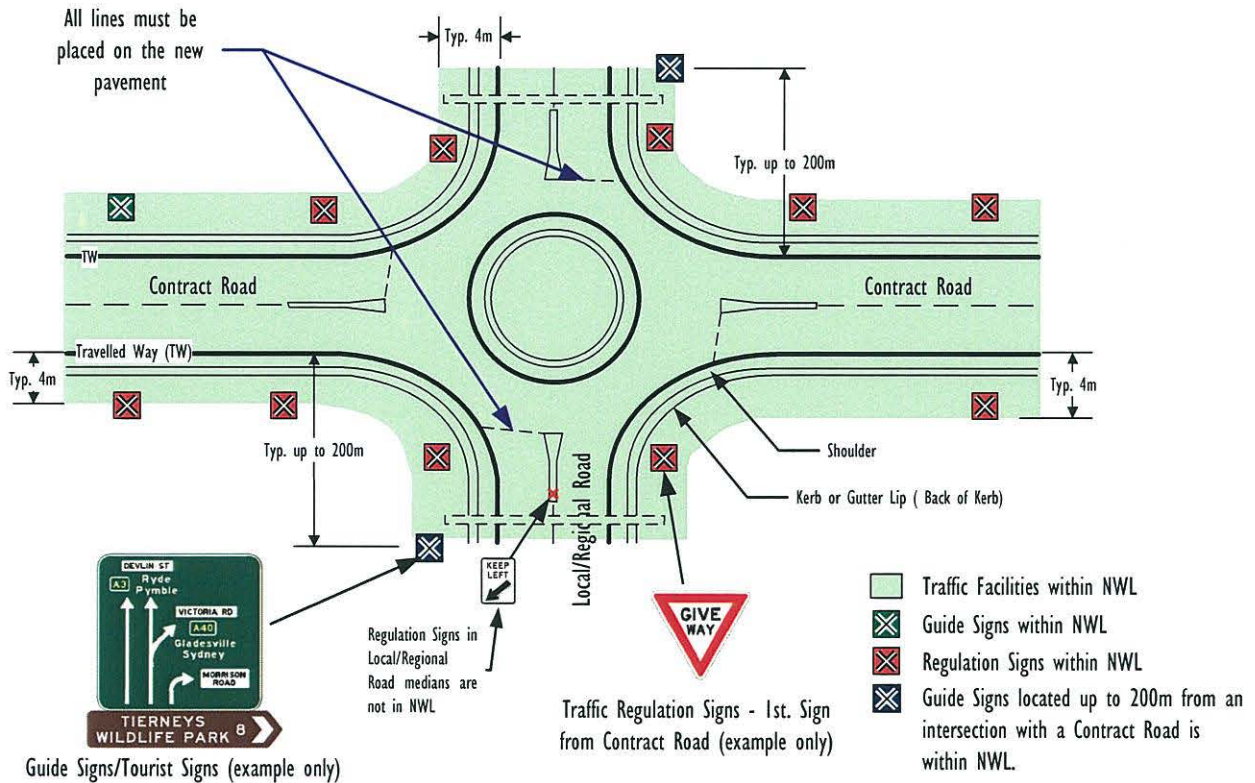
Pavement Nominal Work Limits (NWL) at minor non-signalised intersections



Traffic Facilities Zone of Responsibility at minor non-signalised intersection

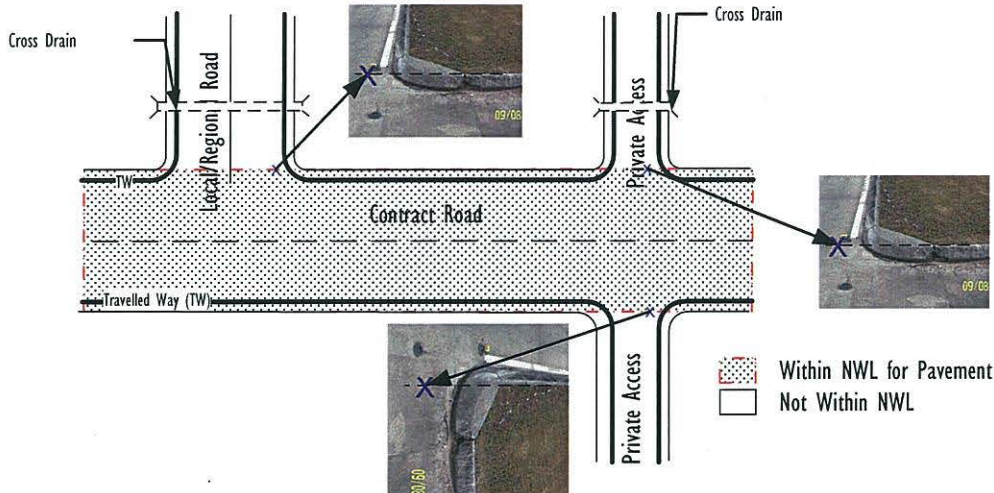


Pavement Nominal Work Limits (NWL) at Roundabouts

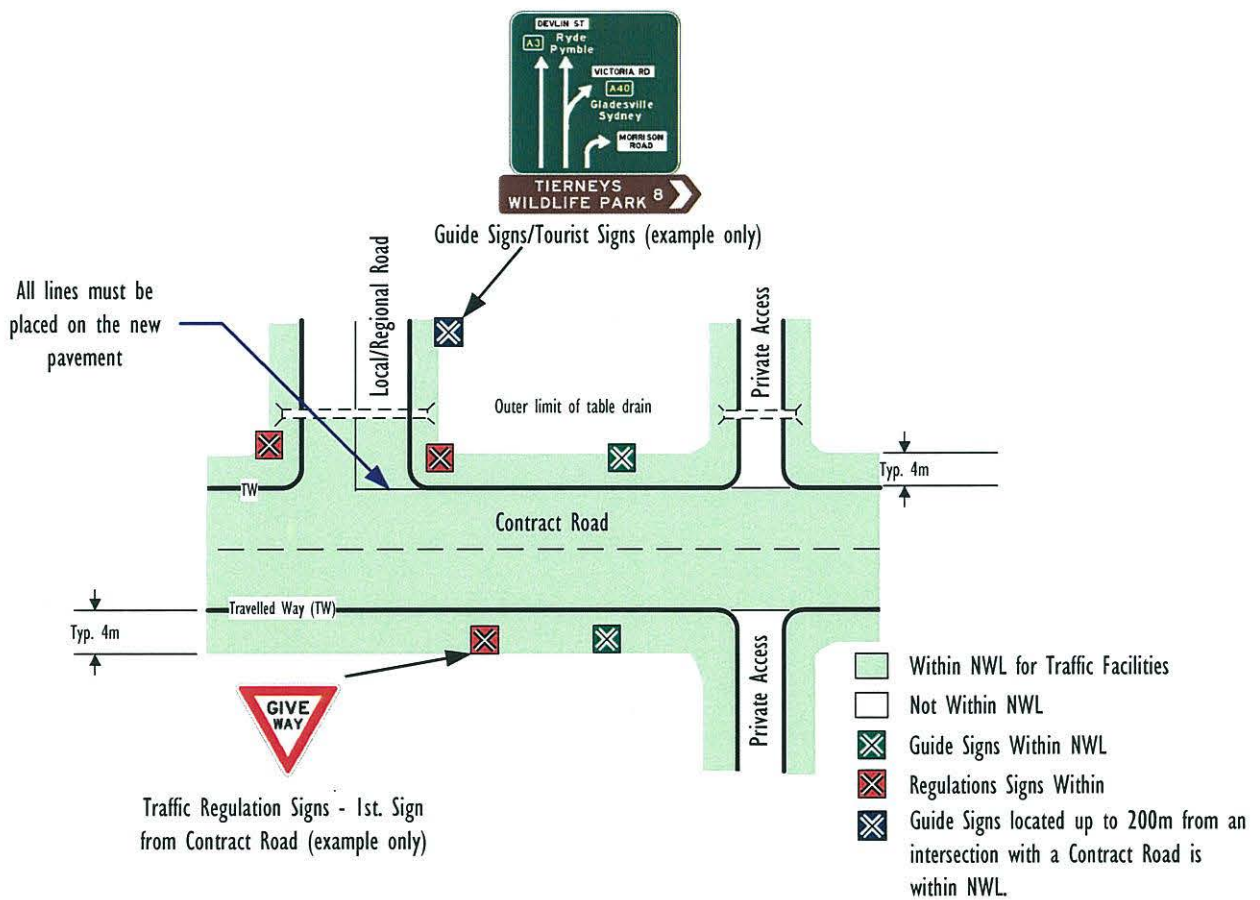


Traffic Facilities Zone of Responsibility at minor non-signalised intersection

Diagram 3 – Nominal Work Limits (NWL) at Roundabouts

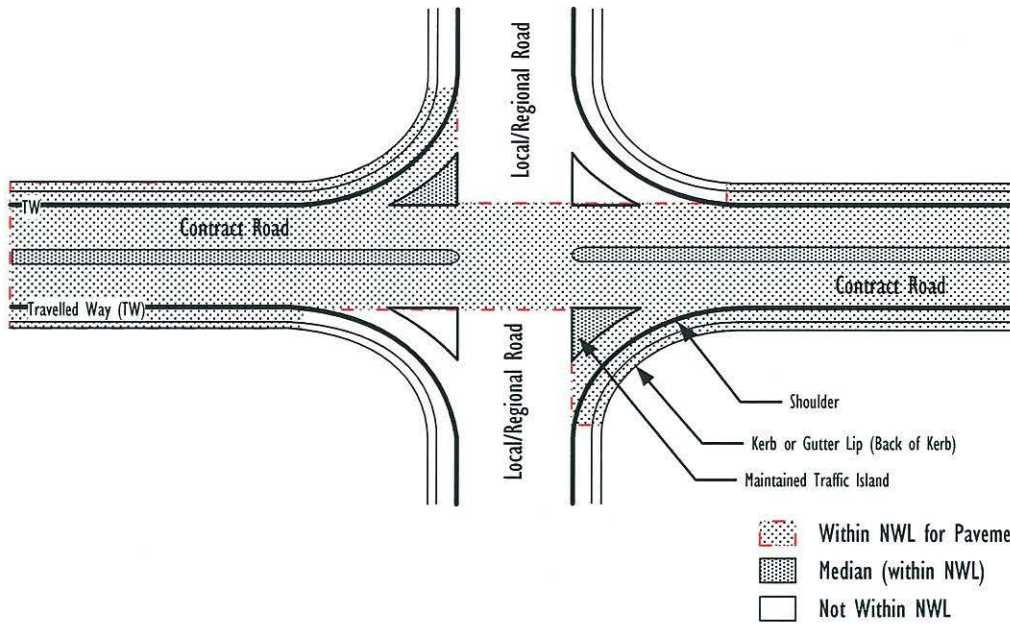


Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads and Private Access Roads

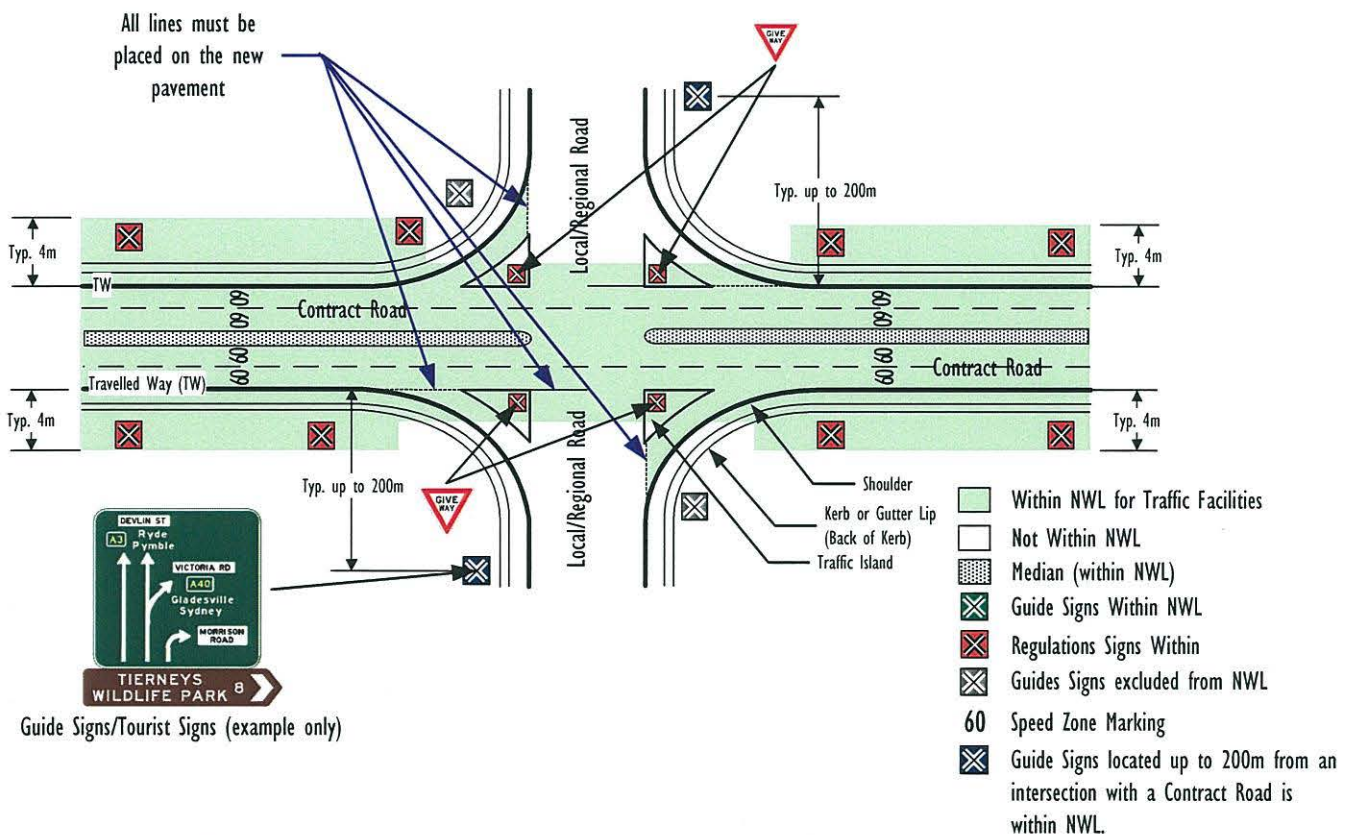


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads and Private Access Roads

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

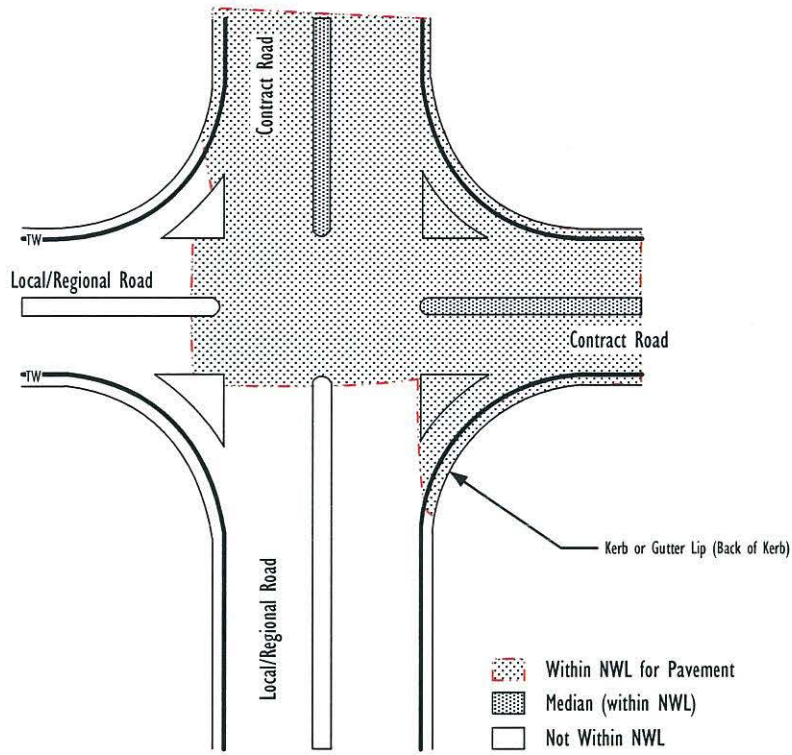


Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Non-Signalised Intersection

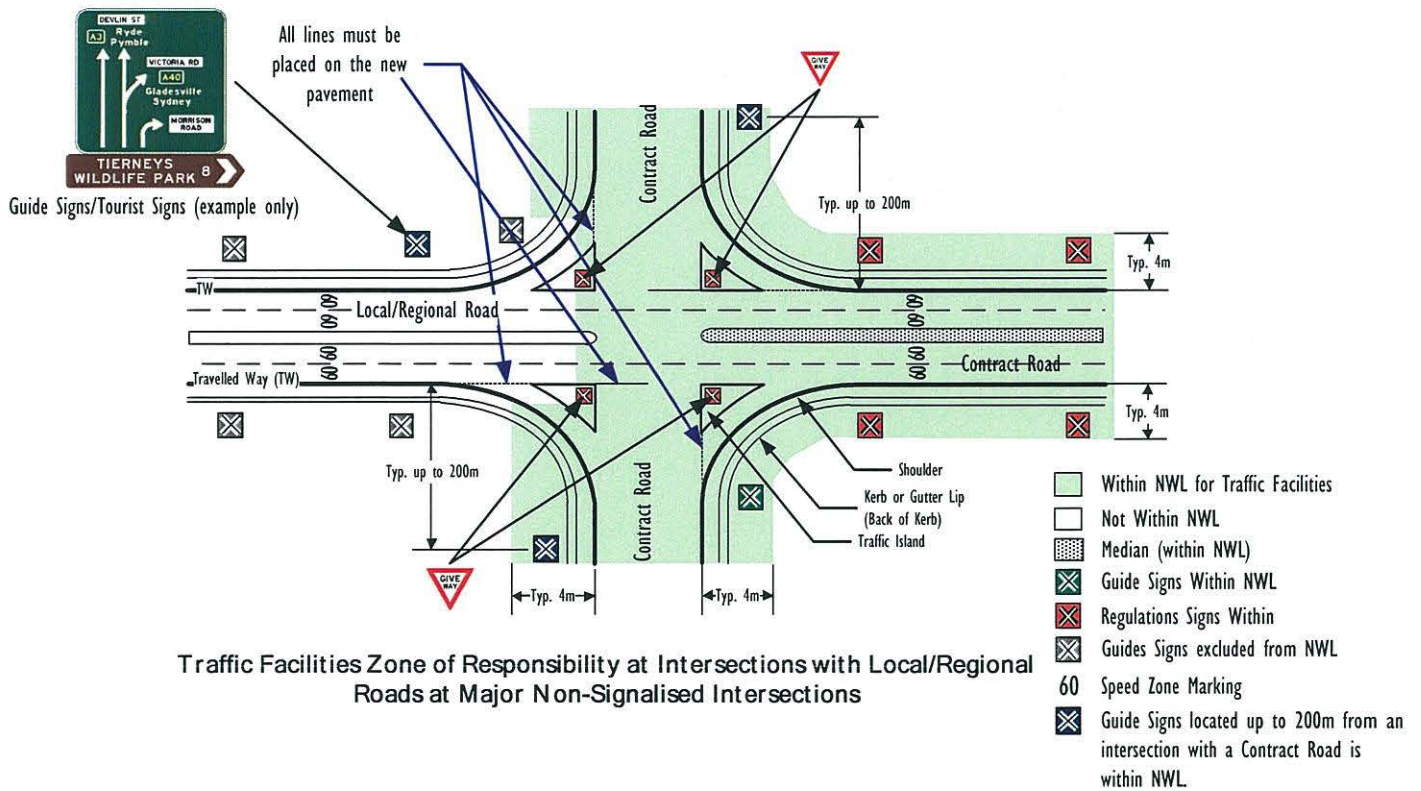


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Non-Signalised Intersections

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

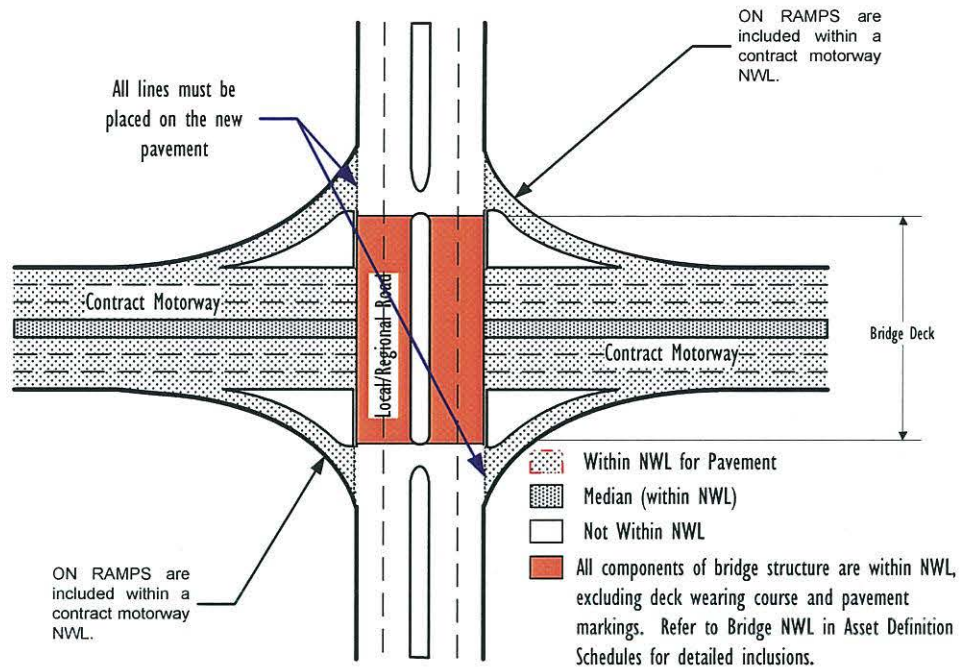


Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Non-Signalised Intersection

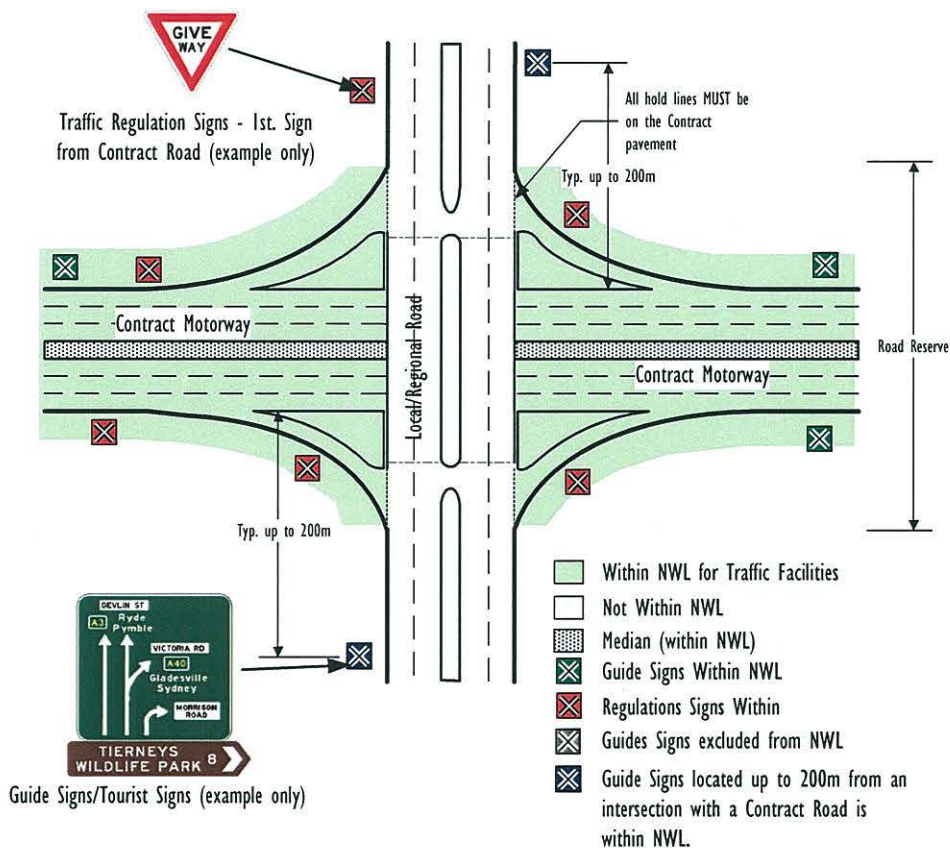


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Non-Signalised Intersections

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

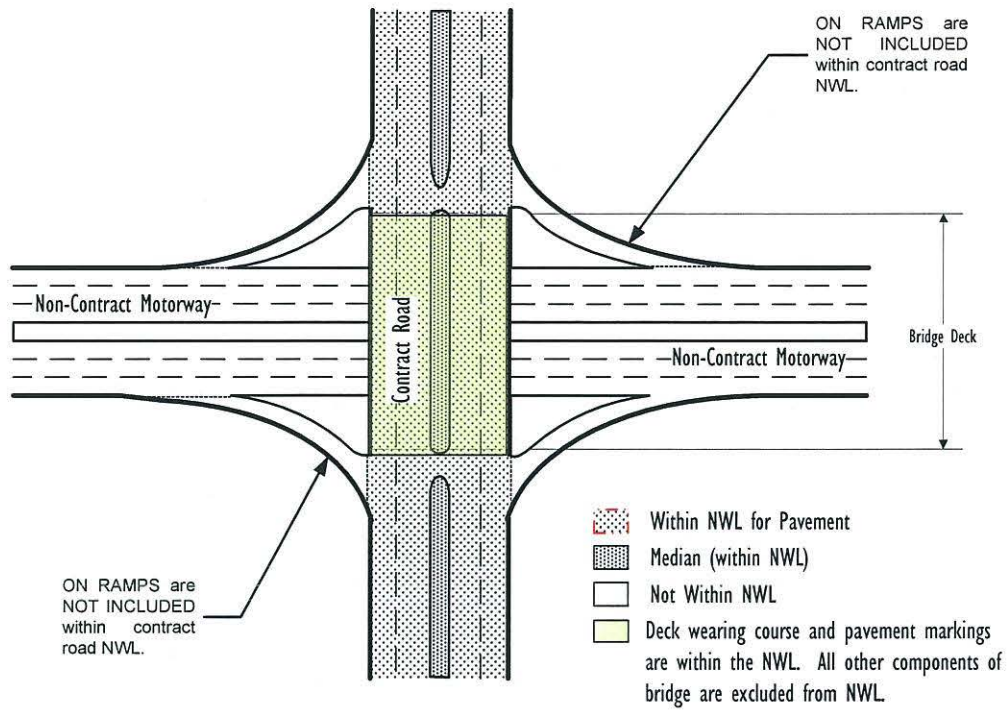


Pavement Nominal Work Limits (NWL) at Contract Motorway Intersections with Local/Regional Roads

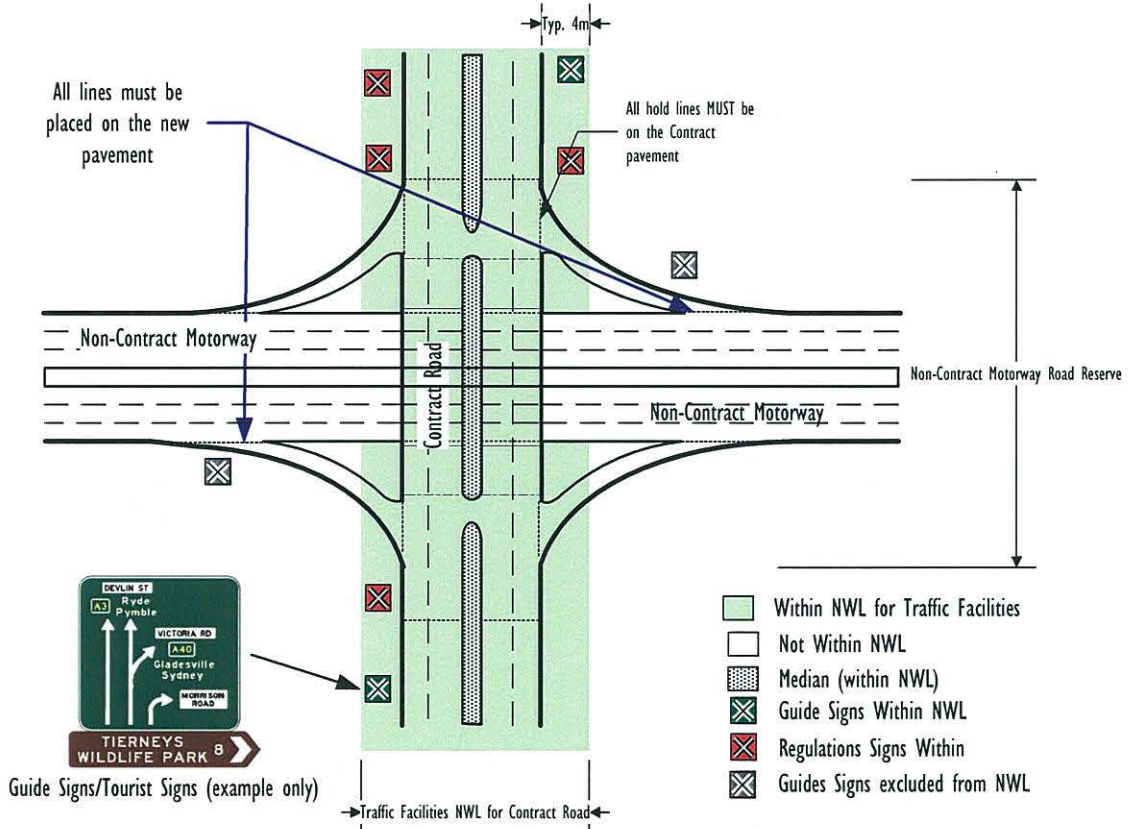


Traffic Facilities Zone of Responsibility at Contract Motorway Intersections with Local/Regional Roads

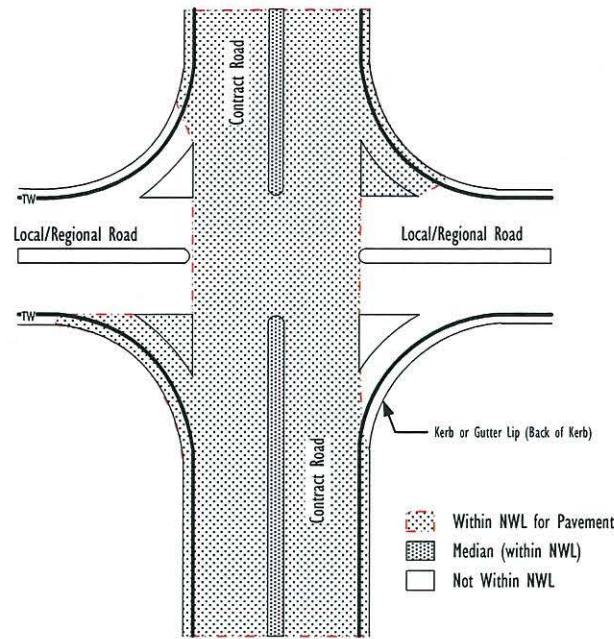
Diagram 7 – Nominal Work Limits (NWL) at Local/Regional Motorway Intersections with Contract Road



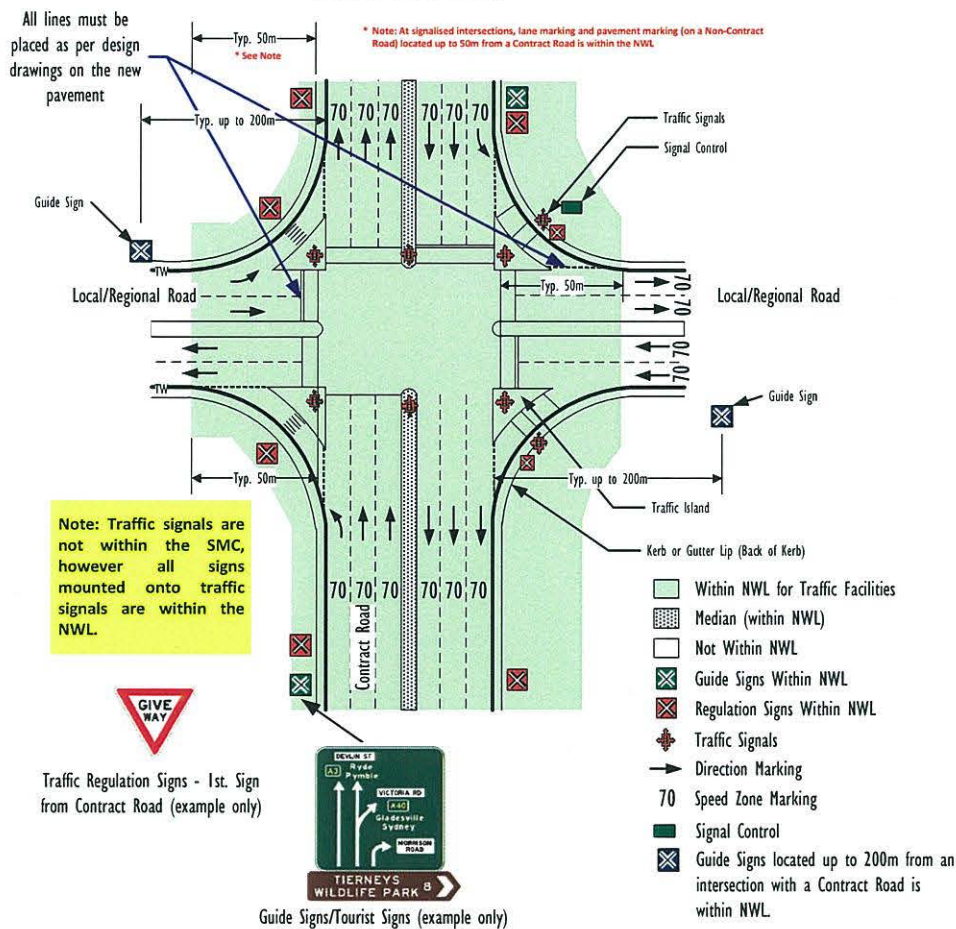
**Pavement Nominal Work Limits (NWL) at Local/Regional Motorway Intersections with Contract Road**



**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

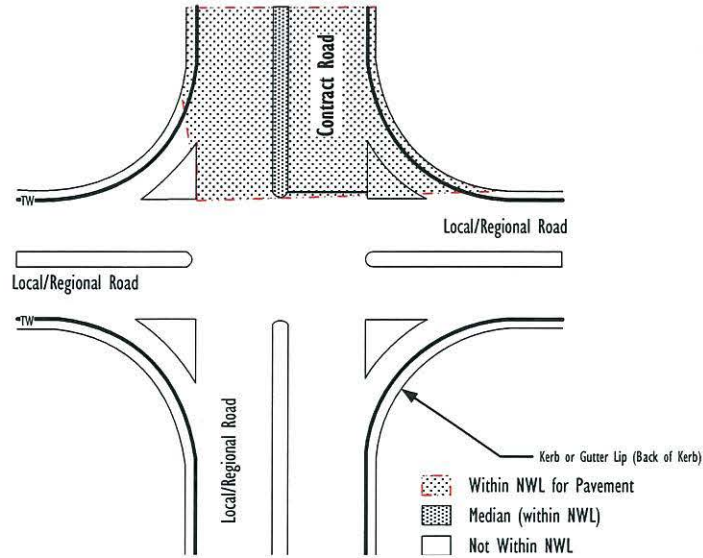


Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Non-Signalised Intersections

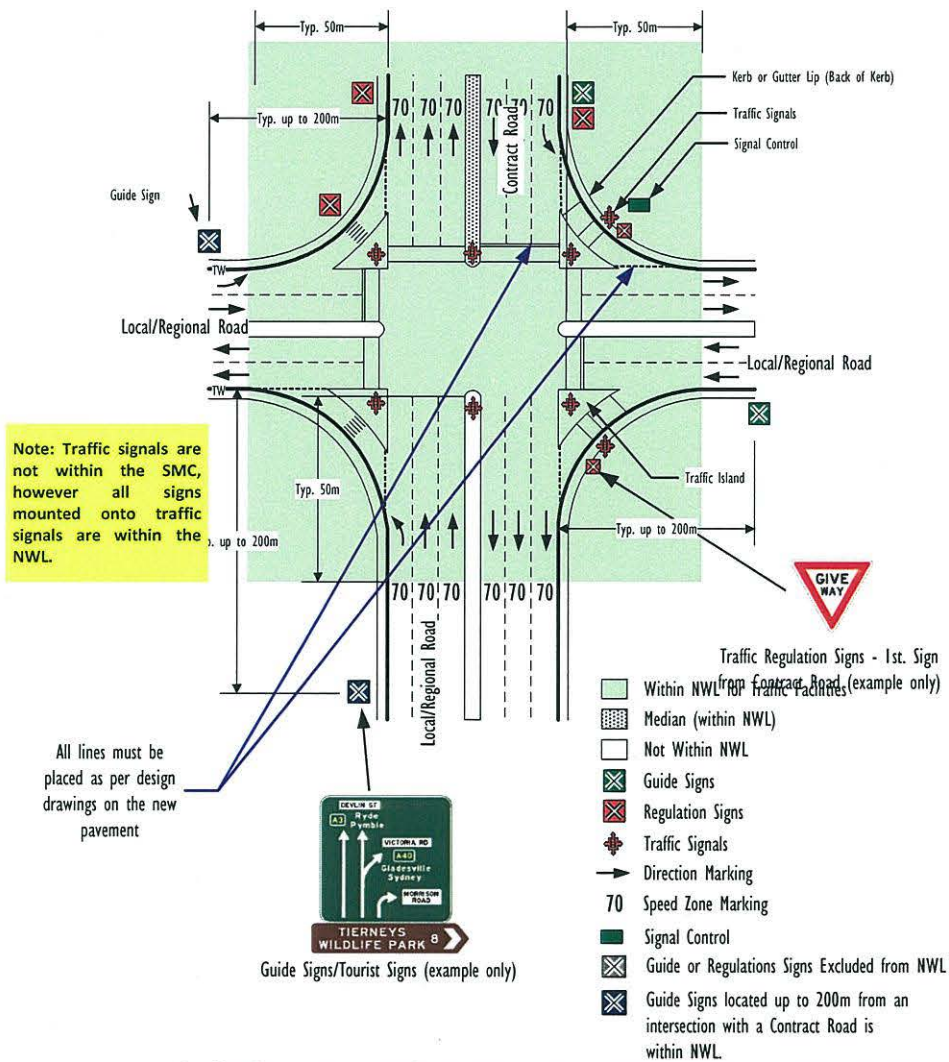
Diagram 8 – Nominal Work Limits (NWL) at Major Signalised Intersections with Local/Regional Roads and Private Access Roads



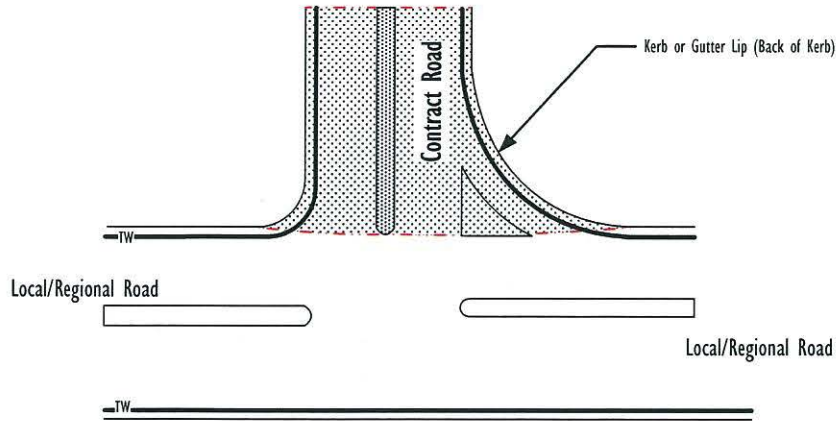




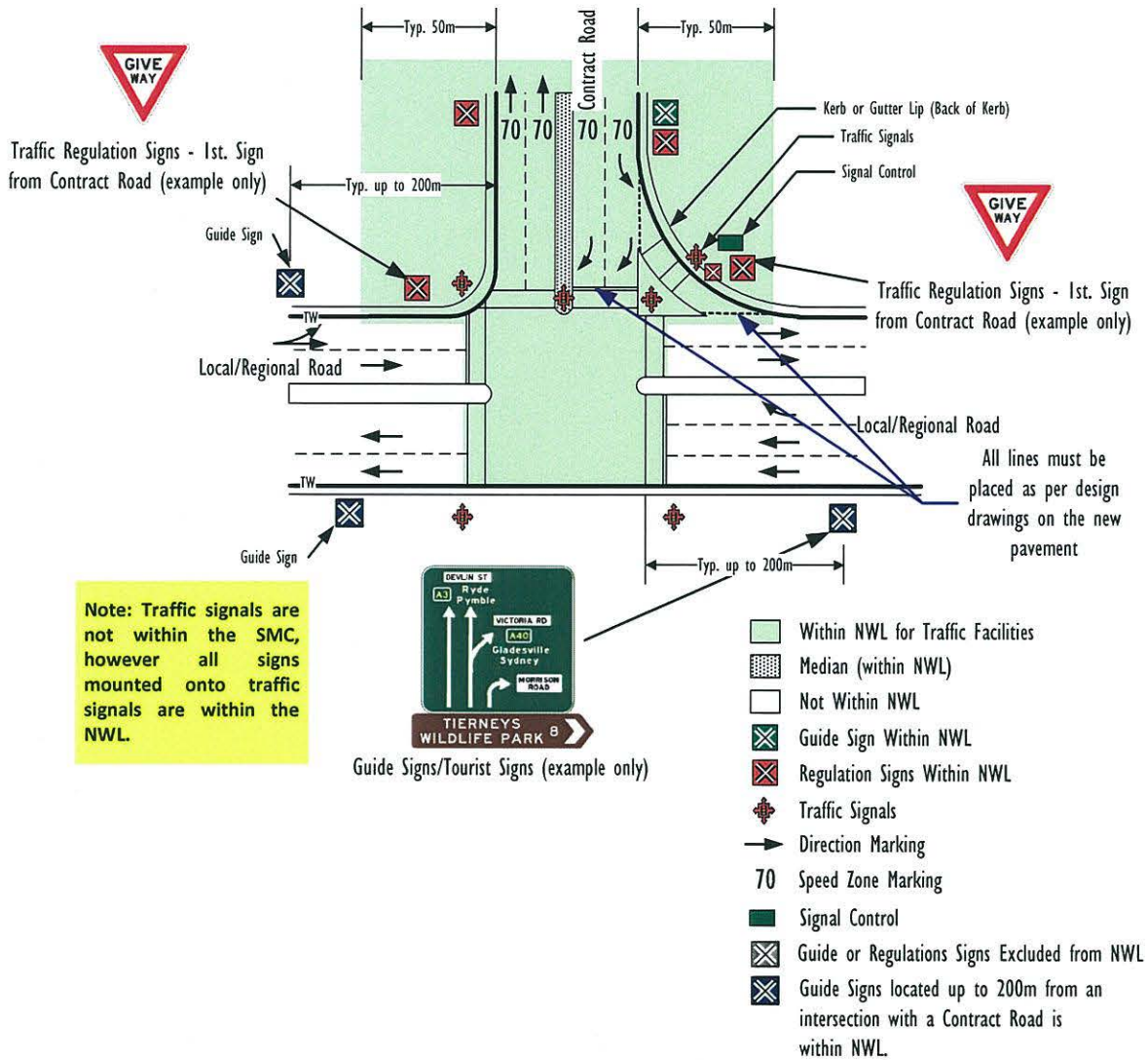
Pavement Nominal Work Limits (NWL) at Intersections with Local/Regional Roads at Major Signalised Intersection



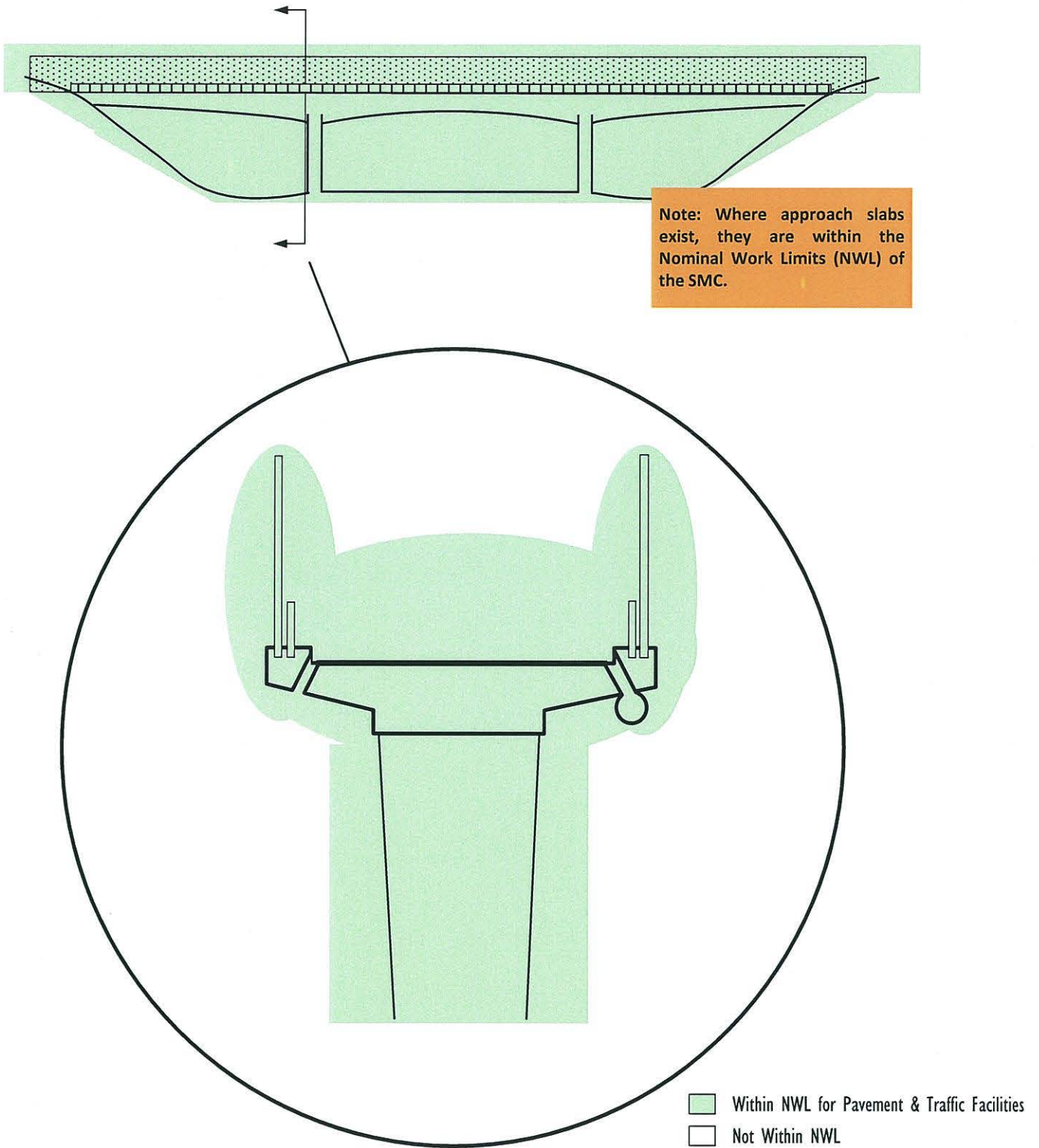
Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Signalised Intersections



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

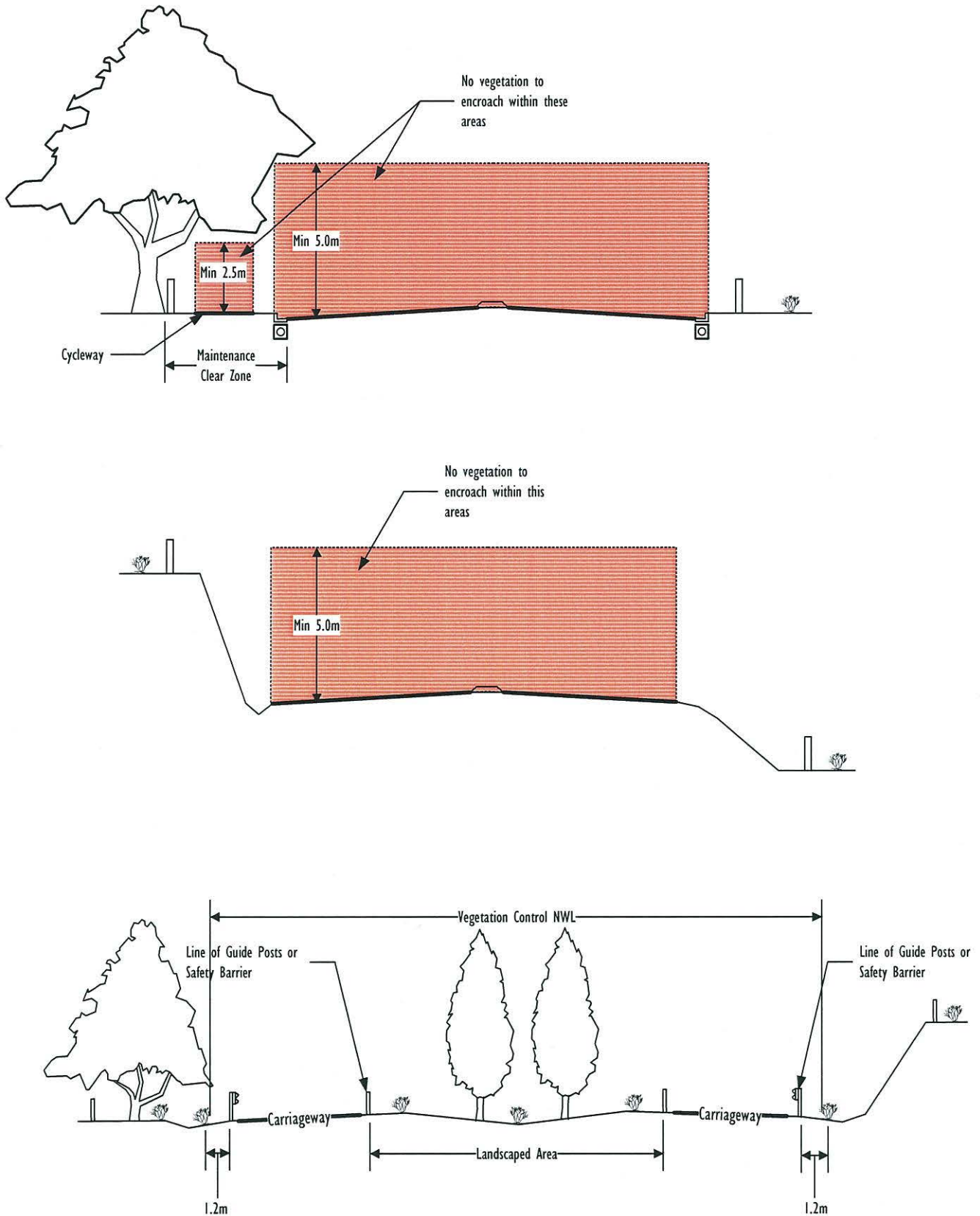


**Traffic Facilities Zone of Responsibility at Intersections with Local/Regional Roads at Major Signalised Intersections**



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

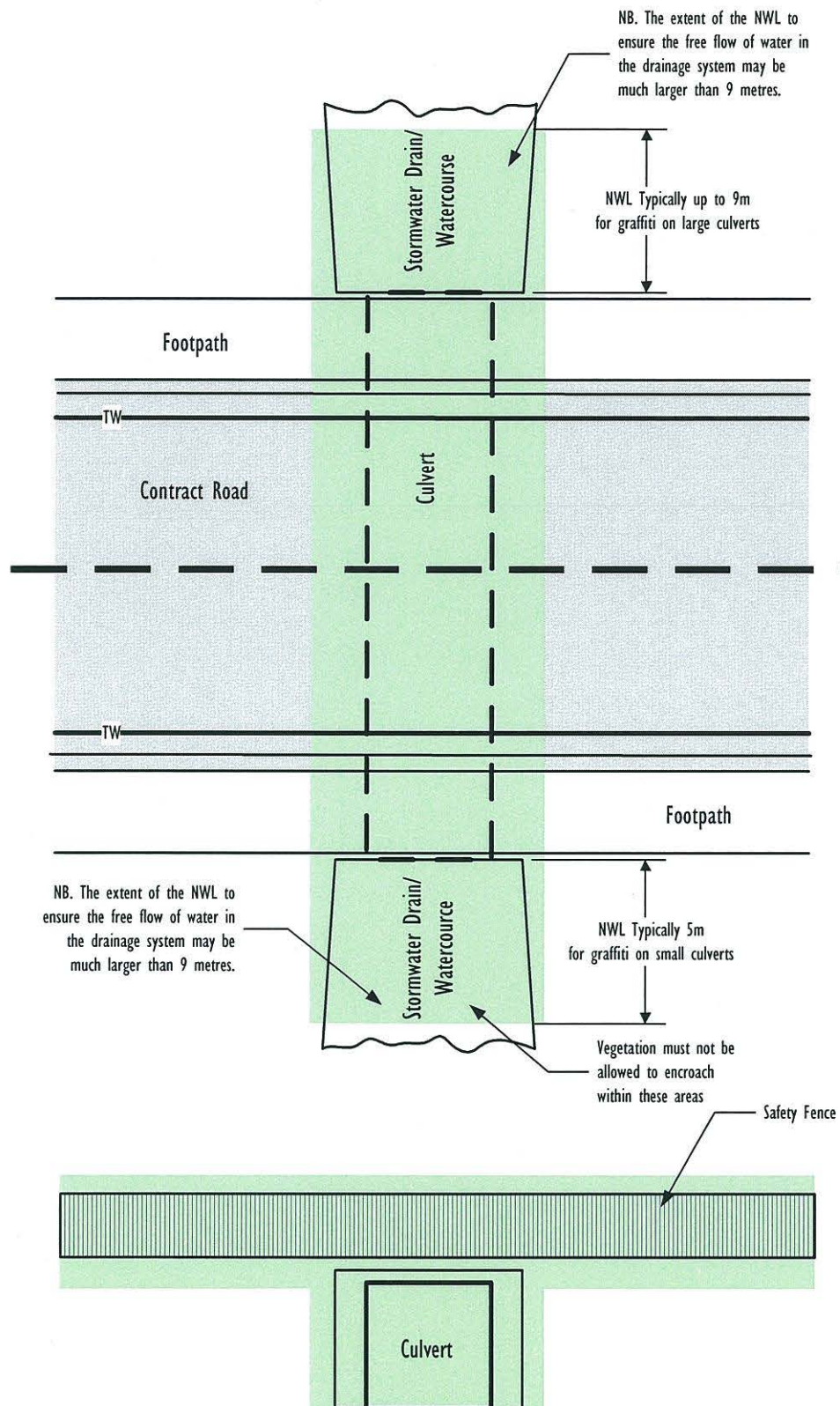


Diagram 11 – Culvert Control Limits for Contract Roads

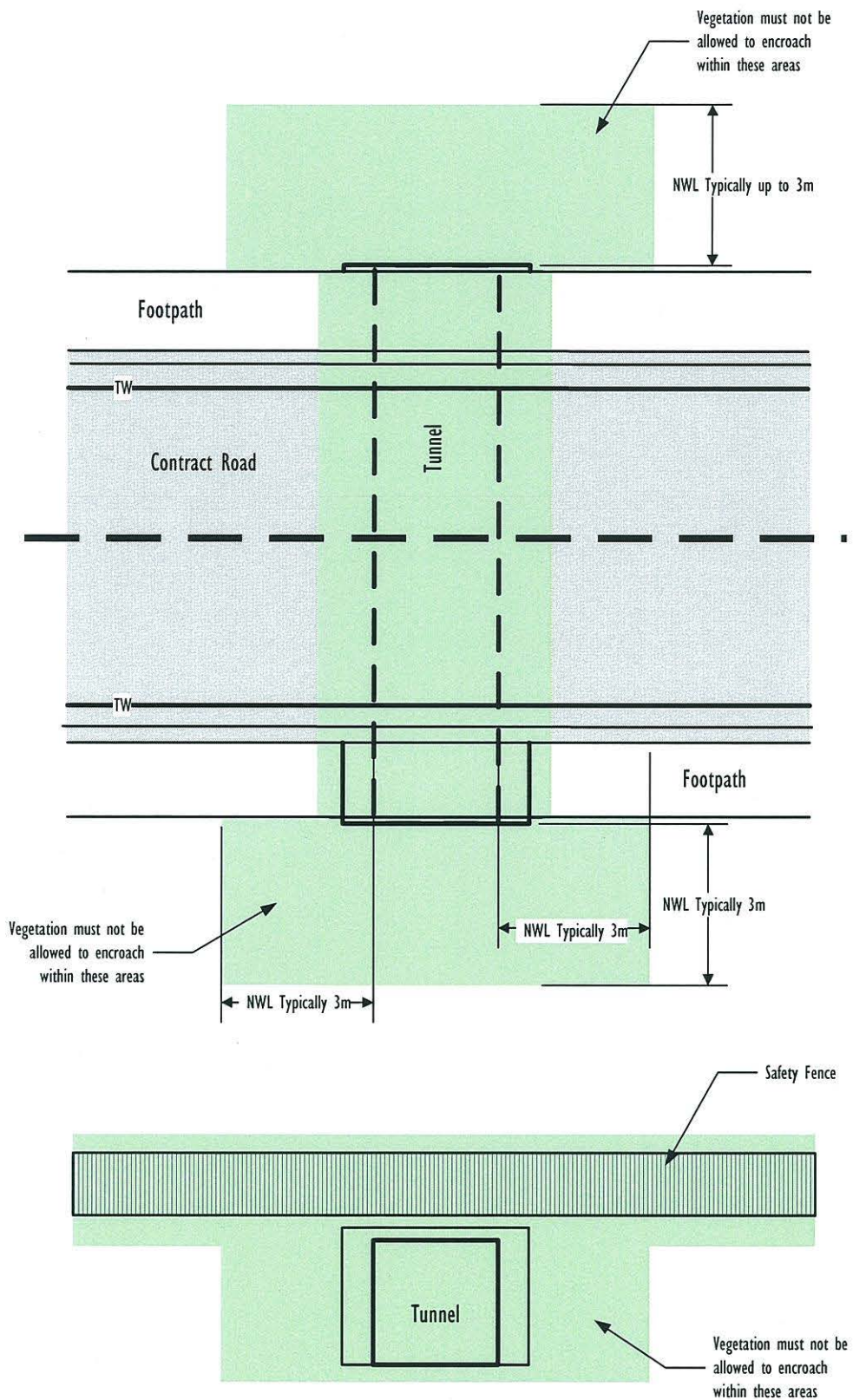


Diagram 12 – Tunnel (Non Road) Control Limits for Contract Roads

## **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](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
<b>SYDNEY NORTH ZONE</b>					
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 Rydalmere	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

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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
<b>SYDNEY NORTH ZONE</b>		
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
<b>North Zone</b>			
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
<b>SYDNEY NORTH ZONE</b>			
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
<b>SYDNEY NORTH ZONE</b>						
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**

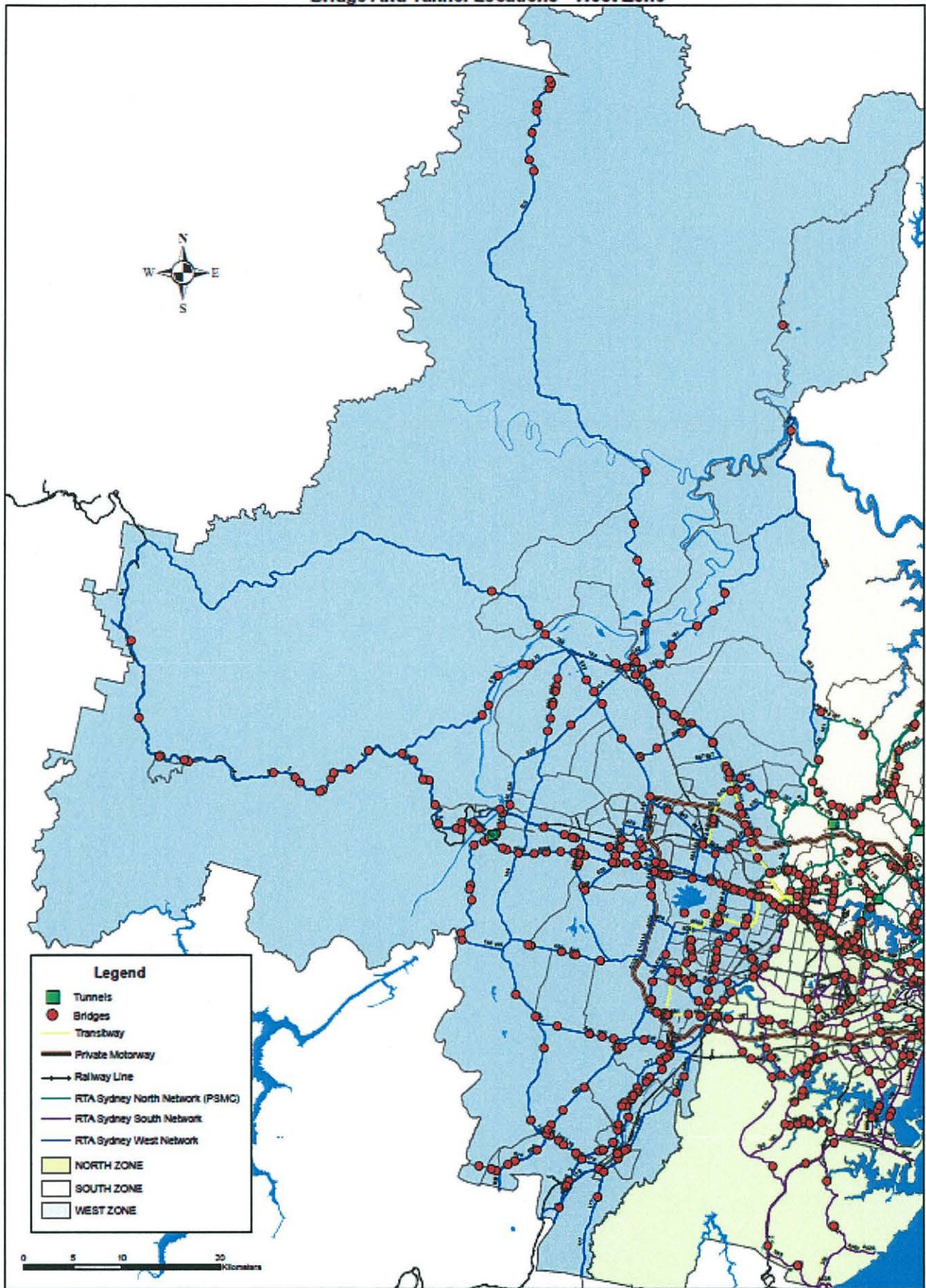
### **3.6.1 Bridges and Bridge Sized Culverts**

Bridge size culverts are defined as a culvert with a span exceeding 6m or 20m<sup>2</sup> in pipe cross sectional area.

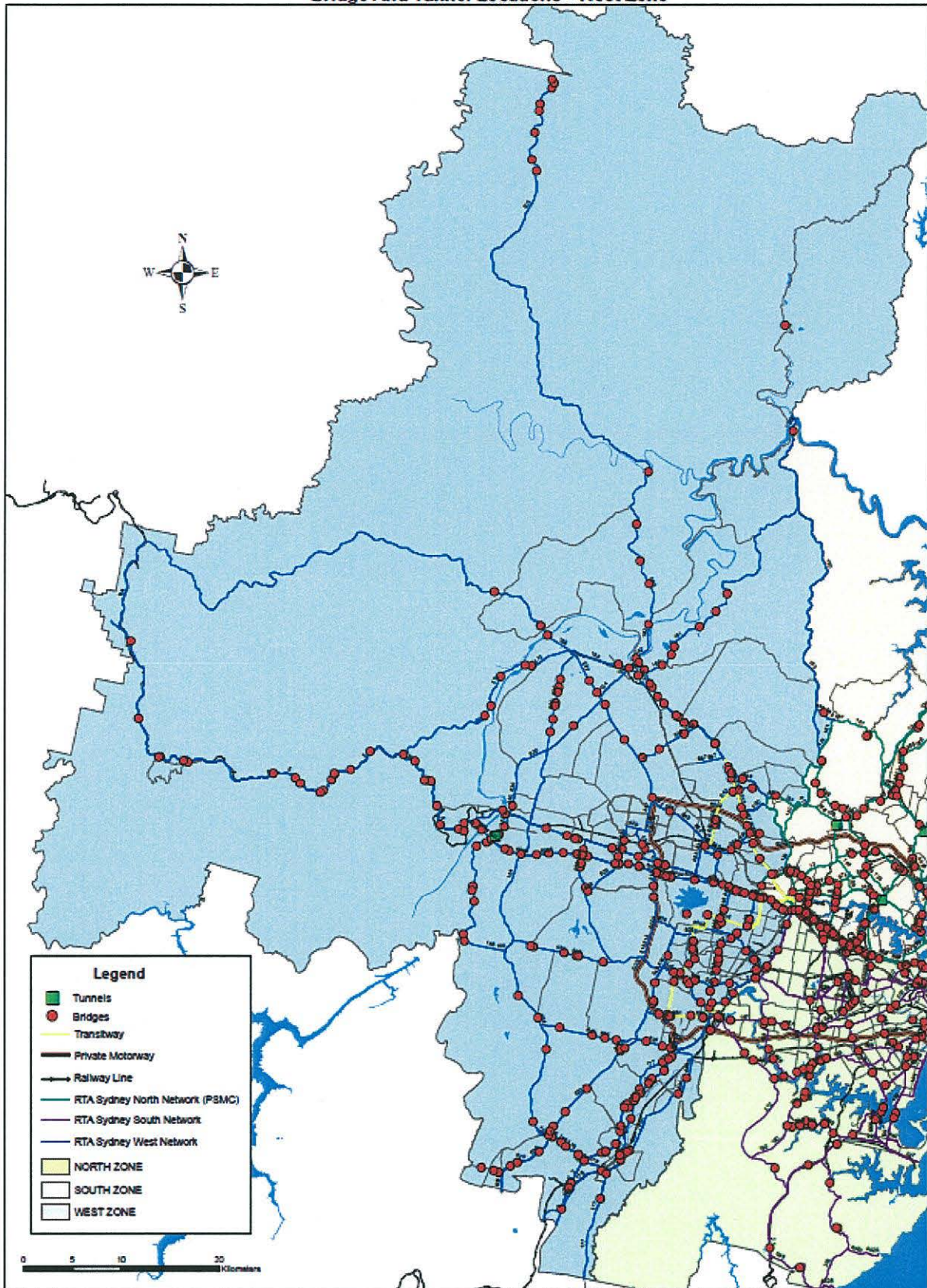
The maps below provide an overview of the bridge locations, whilst the table provides the detail currently available on the RMS asset database. The Service Provider is to note that not all bridges for which it will become the steward is on Contracted Roads, but are bridges for which RMS are responsible.



### Bridge And Tunnel Locations - West Zone



Bridge And Tunnel Locations - West Zone



Print by Lane Group, Sydney Asset Management System, Parameters: 2/8/2014

Structure ID	Bridge NO	Bridge Description	Adjacent Feature	Location	Overall Length of Bridge [m]	Group
<b>SYDNEY NORTH ZONE</b>						
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

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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

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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

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

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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	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	Nyrippin 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

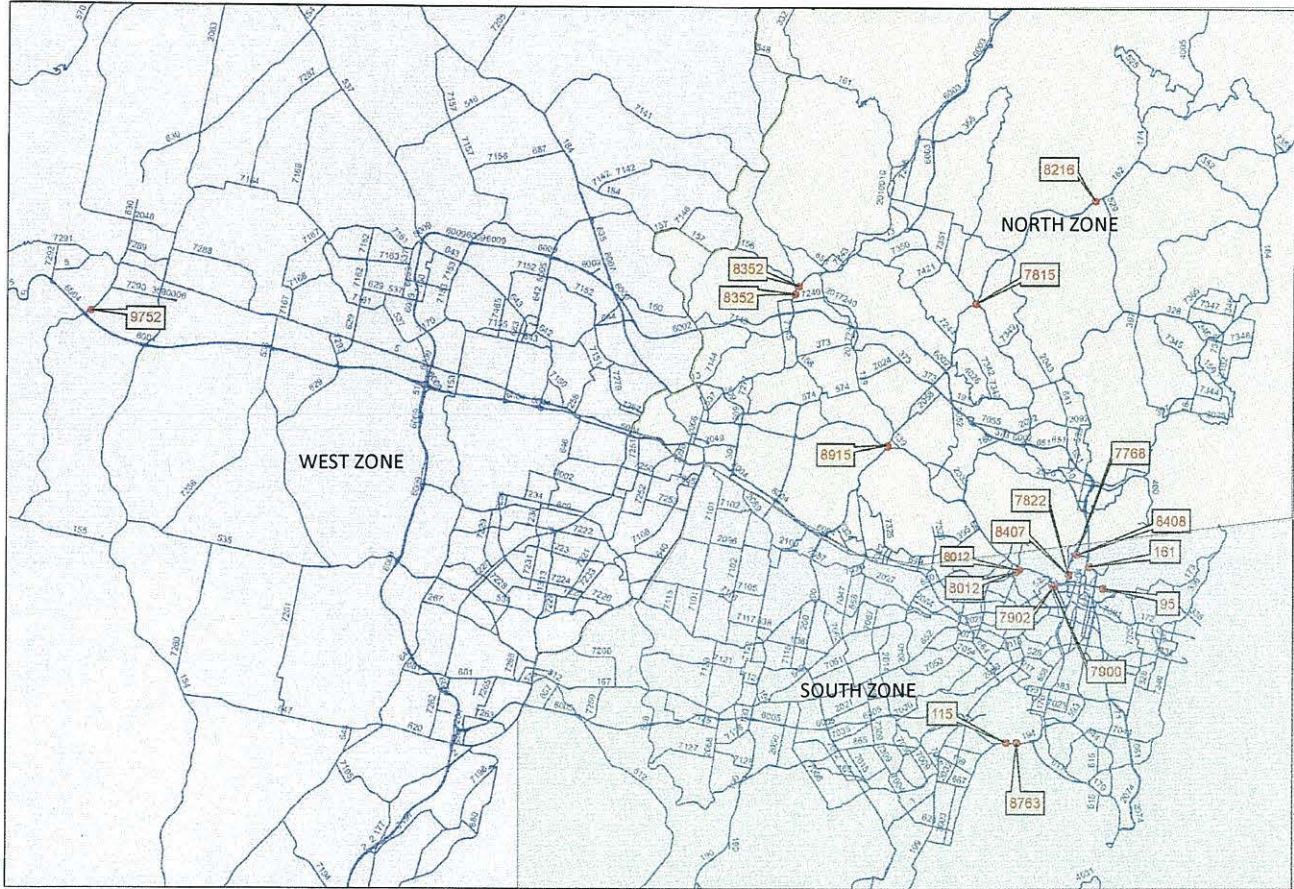
Stewardship Maintenance Contract (SMC) – Sydney – Asset Definition Specification

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]
<b>OTHER: SYDNEY NORTH ZONE</b>				
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
<b>SYDNEY NORTH ZONE</b>									
Pymble Interchange	7815	Bridge on Pacific Highway over Ryde and Mona Vale Road	<ul style="list-style-type: none"> <li>• Lighting Control Unit</li> <li><u>Lighting Switchboards:</u></li> <li>• Stage 1 Circuit Breakers (12)</li> <li>• Stage 1 Switch</li> <li>• Stage 2 Circuit Breakers (6)</li> <li>• Stage 2 Switch</li> <li>• Stage 3 Circuit Breakers (6)</li> <li>• Stage 3 Switch</li> <li>• Stage 4 Circuit Breakers (6)</li> <li>• Stage 4 Switch</li> <li>• Stage 5 Circuit Breakers (6)</li> <li>• Stage 5 Switch</li> </ul>						<ul style="list-style-type: none"> <li>• Main Power Switch</li> </ul>
	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)						
			Lighting	Power	Ventilation	CO Monitoring	Fire System	Drainage	General
Thompson's Corner Tunnel	8352	Underpass on Castle Hill Road under Pennant Hills Road	<ul style="list-style-type: none"> <li>• Lighting Control Unit</li> </ul> <u>Lighting Switchboards:</u> <ul style="list-style-type: none"> <li>• Stage 1 Circuit Breakers (6)</li> <li>• Stage 1 Switch</li> <li>• Stage 2 Circuit Breakers (6)</li> <li>• Stage 2 Switch</li> <li>• Stage 3 Circuit Breakers (12)</li> <li>• Stage 3 Switch</li> <li>• Stage 4 Circuit Breakers (12)</li> <li>• Stage 4 Switch</li> <li>• Stage 5 Circuit Breakers (4)</li> <li>• Stage 5 Switch</li> </ul> <u>Housing Service Station</u> <ul style="list-style-type: none"> <li>• Circuit Breakers (5)</li> <li>• Switches (2)</li> <li>• Dials (2)</li> </ul>						<ul style="list-style-type: none"> <li>• Main Power Switch</li> <li>• Fuses (5)</li> <li>• Thermostat</li> </ul>

### 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
<b>SYDNEY NORTH ZONE</b>									
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"> <li>• Tunnel walls comprise coloured AC sheeting</li> <li>No height detection system</li> <li>No emergency telephone system</li> <li>No Cathodic Protection System</li> <li>No traffic monitoring/control plans</li> </ul>
	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"> <li>• Concrete tunnel walls with various art designs</li> <li>No height detection system</li> <li>No emergency telephone system</li> <li>No Cathodic Protection System</li> <li>No traffic monitoring/control plans</li> <li>No advisory/warning signs</li> </ul>

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"> <li>• Tunnel walls comprise coloured AC sheeting</li> <li>• Speed Limit Advisory Sign</li> </ul> <p>No emergency telephone system No Cathodic Protection System No traffic monitoring/control plans</p>



**EXHIBIT 2**  
**Initial Service Plans**

**Stewardship Maintenance Contract  
Sydney West 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
- 03.01.10 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**

Also for and on behalf of  Transport  
Roads & Maritime Services **Roads and Maritime Services**



**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 <sup>*1,*2</sup>	between Alfred St and Hickson Rd	Both directions
Hickson Rd <sup>*3</sup>	between George St and Dawes Point Reserve	Both directions
Hospital Rd <sup>*4</sup>	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 <sup>*5</sup>	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 <sup>*2</sup>	between Shelley St and Kent St	Both directions
Hickson Rd <sup>*1</sup>	between Napoleon St and Dawes Point Reserve	Both directions
Sussex St	between Napoleon St and King St	Both directions
Wheat Rd Off Ramp <sup>*3</sup>	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 <sup>*1</sup>	between South Dowling St and Anzac Parade	Both directions
Driver Av <sup>*2</sup>	between Moore Park Rd and Lang Rd	Both directions
Fitzroy St	between South Dowling St and Anzac Parade	Both directions
Lang Rd <sup>*1,*3</sup>	between Moore Park Rd and Mitchell St	Southbound
Lang Rd <sup>*1</sup>	between Anzac Parade and Errol Flynn Bvd	Both directions
Moore Park Rd <sup>*4</sup>	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
<b>1am to 1:30pm</b>		
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
<b>4am to 12 Midday</b>		
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><b>R T A</b> Roads and Traffic Authority www.rta.nsw.gov.au</p>	<p><b>TRANSPORT MANAGEMENT CENTRE</b> 25 Garden Street, EVELEIGH NSW 1430 Fax: 8396 1530</p>
	<p><b>Special Event Road Occupancy Licence</b> NOTE: This Road Occupancy Licence has been emailed to the Proponent.</p>
<p><b>Subject Road:</b> Specified CBD/ Inner Metro Local &amp; State Rds/ SHB</p> <p><b>From:</b> Multiple</p> <p><b>To:</b> Multiple</p> <p><b>Reserved from:</b> 16 Sep 2012</p> <p><b>Reserved to:</b> 16 Sep 2012</p> <p><b>Event Name:</b> Special Event</p> <p><b>This Activity:</b> 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><b>Closure Type:</b> All lanes both directions</p> <p><b>Direction(s):</b> All Directions</p> <p><b>Traffic Mgm't Plan:</b> SPECIAL EVENT</p>	<p><b>TMC Number:</b> 249152</p> <p><b>UBD Ref:</b> 216 E16</p> <p><b>Suburb:</b> SYDNEY CBD/ Inner Metro Region</p> <p><b>Council:</b> Sydney</p> <p><b>Licence:</b> Pont 3 Pty Ltd</p> <p><b>Contact Person:</b> Wayne Larden</p> <p><b>Contact Phone:</b> 0292820402</p> <p><b>Contact Fax:</b> 0292820499</p> <p><b>On-Site Contact:</b> Julian Sanderson</p> <p><b>On-Site Contact Ph:</b> 0422301041</p>
<p><b>CONDITIONS OF ACKNOWLEDGEMENT</b> Licence Activity Contact No: 1800 679 782</p> <p><b>Subject to these Restrictions:</b></p> <ol style="list-style-type: none"> <li>LICENCEE MUST PERMIT EMERGENCY VEHICLES TO PASS THE EVENT AREA WITHOUT DELAY.</li> <li>SPECIAL EVENT CLEARWAYS OPERATE IN CONJUNCTION WITH THE CLOSURES OUTLINED IN THIS LICENCE.</li> <li>CONTACT MUST BE MADE WITH SYDNEY BUSES ON 18248 1300 PRIOR TO LANE CLOSURES BEING IMPLEMENTED.</li> <li>CLOSE CONTACT MUST BE MAINTAINED WITH TRANSPORT MANAGEMENT CENTRE ON 1800 679 782 1836 DURING THE WORKS.</li> <li>THIS LICENCE OPERATES IN CONJUNCTION WITH A SPEED LIMIT REDUCTION TO 40 KMH. REFER TO SZA TT/TMC 249152/249153 &amp; 42467</li> </ol> <p><b>Approval Comments:</b> 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><b>Please Note:</b> 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). <span style="float: right;"><b>Date &amp; Time Printed:</b> 07-Sep-2012 10:53</span></p>	

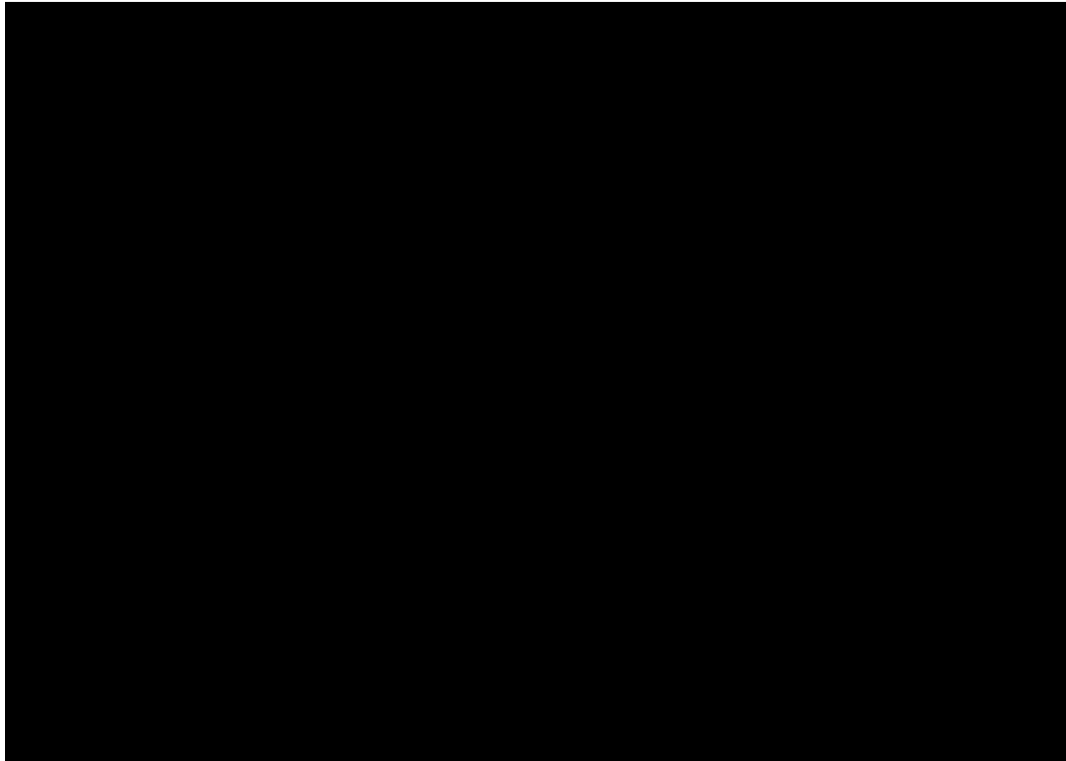
Acknowledged by Manager Transport Operations

Acknowledged Dates & Times:

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

*D. Wainwright*

## 4.2 CCTV LOGIN DETAILS

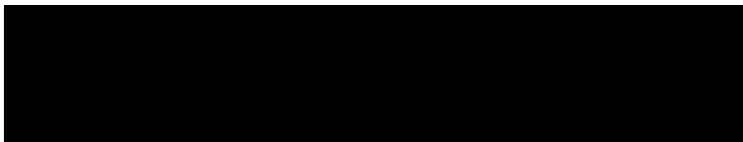


## TRACKER LOG-IN DETAILS

(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* *Yusuf 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	

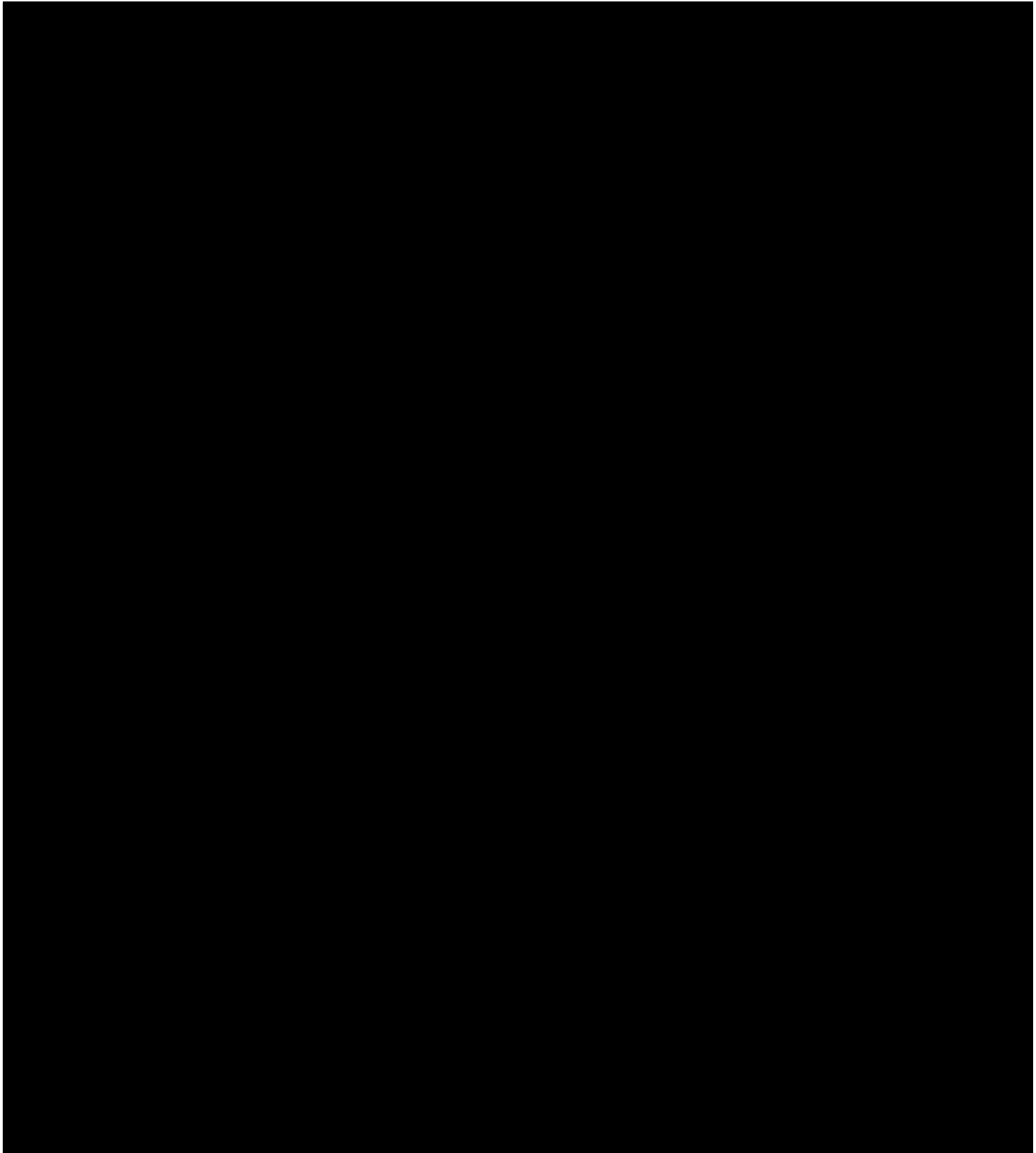


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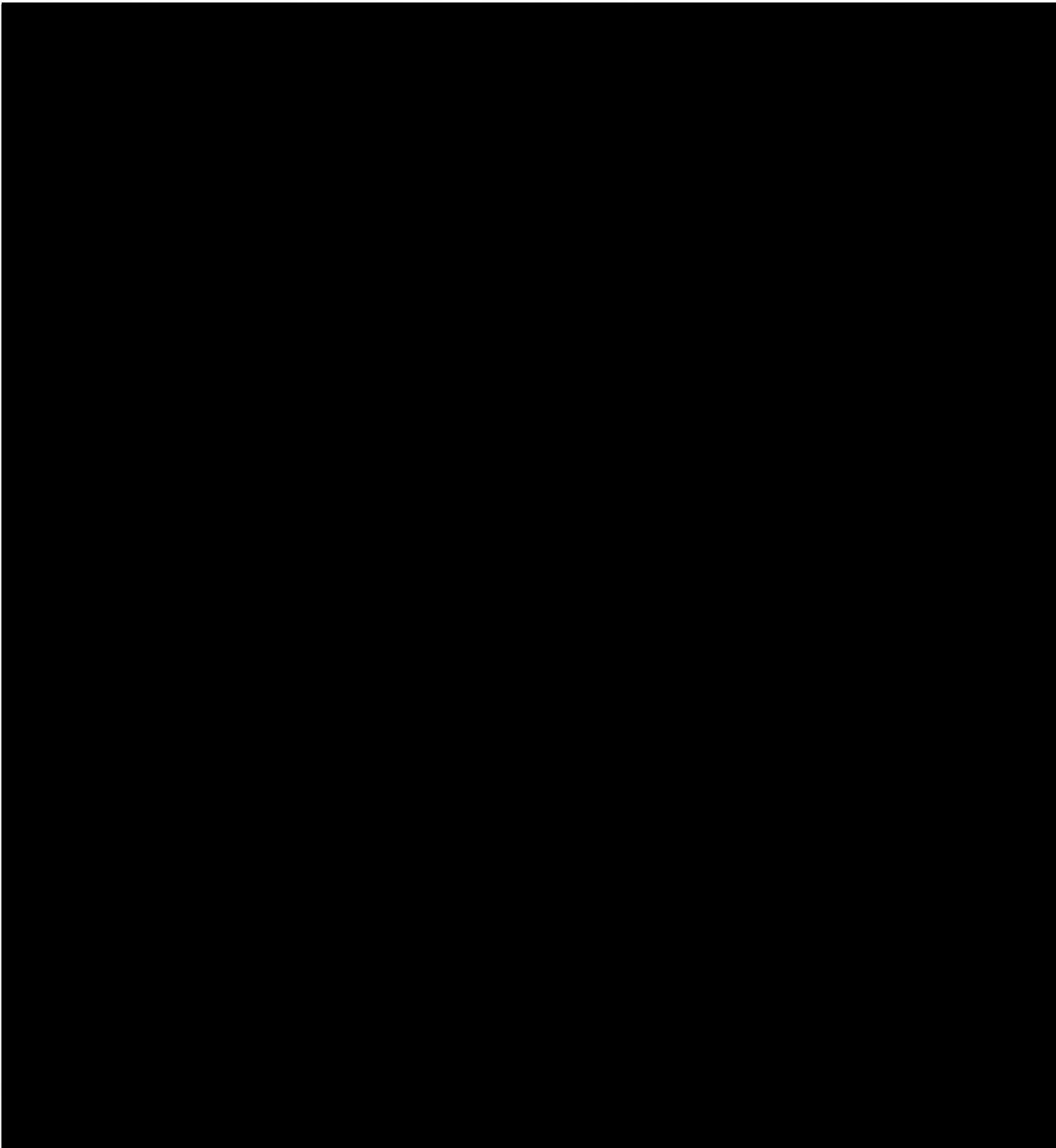
## **4.4.2 FIELD STAFF DUTIES**

Refer to 'Run/task sheet' tab

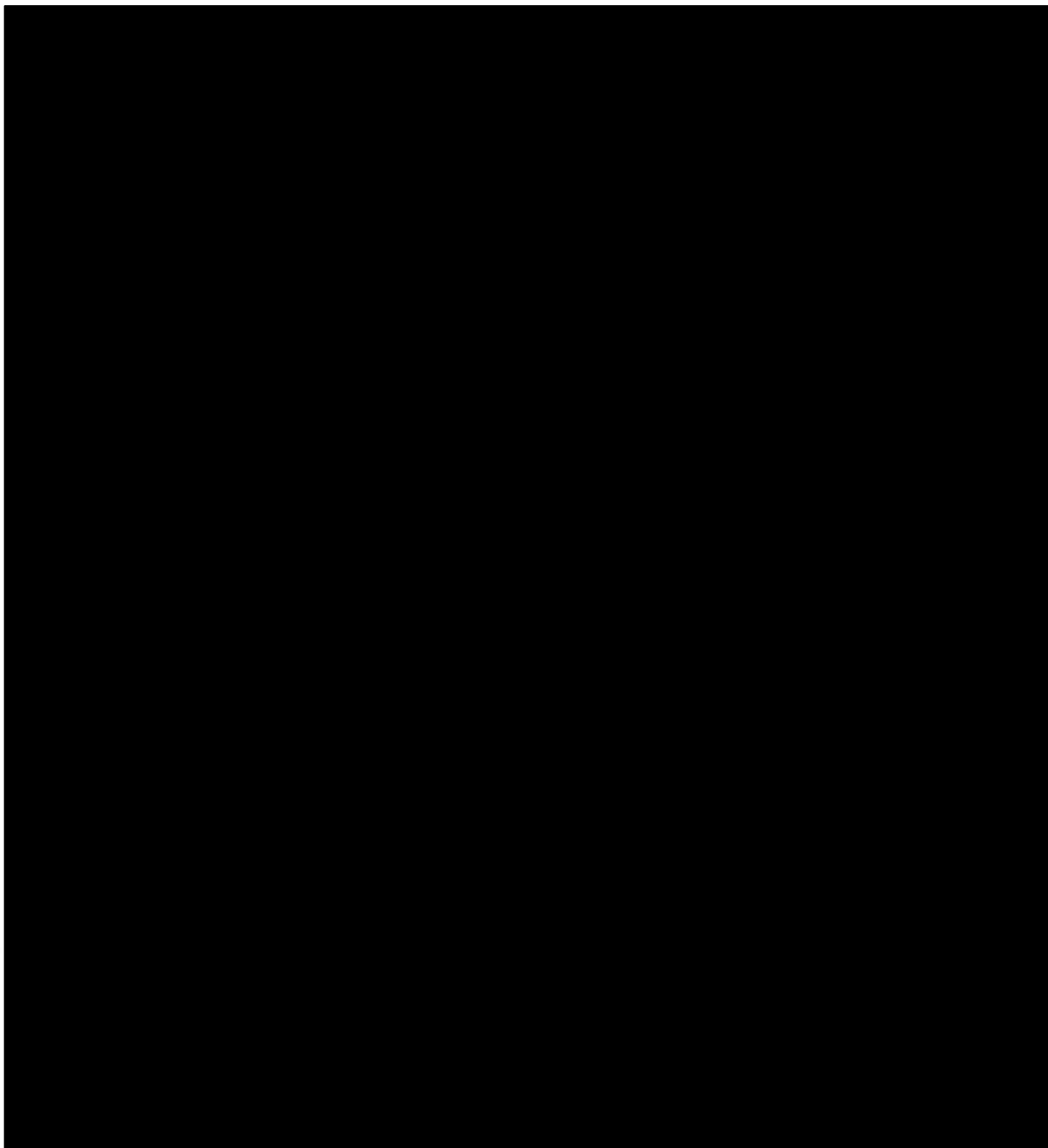
## **4.4.3 TOW TRUCKS**



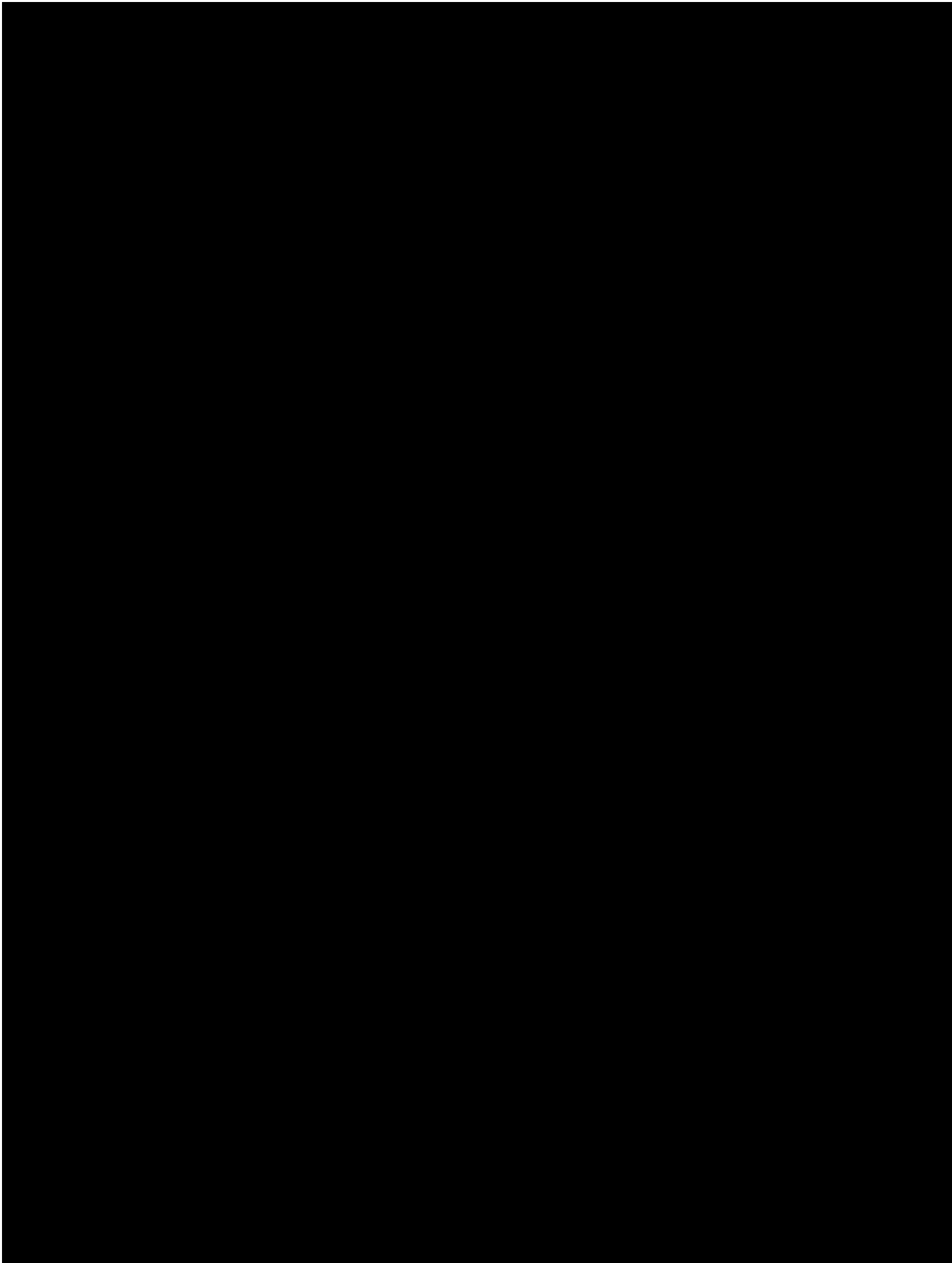
#### 4.4.4 EXTERNAL STAKEHOLDERS



#### 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	<b>Half Marathon Start</b>				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	<b>Marathon Wheelchair Start</b>				YES	ALL AREAS
0725 hrs	<b>First Half Marathon Runner finishes at Sydney Opera House</b>				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	<b>Marathon Start</b>				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	<b>Family Run Start</b>				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	<b>First Family Fun Runner finishes at Conservatorium</b>				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					
<b>0900 hrs</b>	<b>Bridge Run Start</b>				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
<b>1059 hrs</b>	<b>Last Bridge Runner finish at Conservatorium</b>				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
<b>1100 hrs</b>	<b>Sydney Harbour Bridge fully open to traffic</b>				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
<b>1310 hrs</b>	<b>Last Marathon Runner finishes at Sydney Opera House, All roads open</b>				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	<b>Half Marathon Start</b>				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	<b>Marathon Wheelchair Start</b>				YES		ALL AREAS
0725 hrs	<b>First Half Marathon Runner finishes at Sydney Opera House</b>				YES		ALL AREAS
0730 hrs	<b>Marathon Start</b>				YES		ALL AREAS
0755 hrs	<b>Family Run Start</b>				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	<b>First Family Fun Runner finishes at Conservatorium</b>				YES		ALL AREAS
0850 hrs	Assist event marshals implement E170B after last family fun runner passes block office	India 2					Area 1
0900 hrs	<b>Bridge Run Start</b>				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	<b>Last Bridge Runner finish at Conservatorium</b>				YES		ALL AREAS
1100 hrs	SMCG & DB Manage all road opening in Milsons Point			Oscar 1.4			Area 1
1100 hrs	<b>Sydney Harbour Bridge fully open to traffic</b>				YES		ALL AREAS
1200 hrs	All CBD BLUE roads reopened (Hickson Rd and Sussex St remain closed)				YES		ALL AREAS
1310 hrs	<b>Last Marathon Runner finishes at Sydney Opera House, All roads open</b>				YES		ALL AREAS

Field Staff Duties

Sydney Running Festival 2012

AREA 2	South		
	Name	Time start	Time Finish
<b>FIELD MANAGER:</b>	Dean Rapp (RTA 2)	4am	1.30pm
<b>FIELD STAFF:</b>	Thomas Anders (Sierra 7)	4am	1.30pm
<b>TEP's:</b>	Oscar 8.1	3.30am	1.30pm
<b>COMMANDER:</b>	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	<b>Half Marathon Start</b>				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	<b>Marathon Wheelchair Start</b>				YES		ALL AREAS
0725 hrs	<b>First Half Marathon Runner finishes at Sydney Opera House</b>				YES		ALL AREAS
0730 hrs	<b>Marathon Start</b>				YES		ALL AREAS
0755 hrs	<b>Family Run Start</b>				YES		ALL AREAS
0807 hrs	<b>First Family Fun Runner finishes at Conservatorium</b>				YES		ALL AREAS
0900 hrs	<b>Bridge Run Start</b>				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	<b>Last Bridge Runner finish at Conservatorium</b>				YES		ALL AREAS
1100 hrs	<b>Sydney Harbour Bridge fully open to traffic</b>				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	<b>Last Marathon Runner finishes at Sydney Opera House, All roads open</b>				YES		ALL AREAS

Field Staff Duties

Sydney Running Festival 2012

<b>AREA 3</b>	<b>Pymont</b>		
	Name	Time start	Time Finish
<b>FIELD MANAGER:</b>	<b>Barry Hobson (India 15)</b>	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
<b>FIELD MANAGER:</b>	ShaunPaul Power (India 8)	1am	2pm
<b>FIELD STAFF:</b>	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
<b>0620 hrs</b>	<b>Half Marathon Start</b>			YES		ALL AREAS
0630 hrs	Ensure barrier is removed from Cahill On ramp	India 8			162	Area 4
<b>0725 hrs</b>	<b>Marathon Wheelchair Start</b>			YES		ALL AREAS
<b>0725 hrs</b>	<b>First Half Marathon Runner finishes at Sydney Opera House</b>			YES		ALL AREAS
0725 hrs	Retrieve tracker and give to reopening vehicle Oscar 8.1	India 8				Area 4
<b>0730 hrs</b>	<b>Marathon Start</b>			YES		ALL AREAS
<b>0755 hrs</b>	<b>Family Run Start</b>			YES		ALL AREAS
<b>0807 hrs</b>	<b>First Family Fun Runner finishes at Conservatorium</b>			YES		ALL AREAS
<b>0900 hrs</b>	<b>Bridge Run Start</b>			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
<b>1059 hrs</b>	<b>Last Bridge Runner finish at Conservatorium</b>			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
<b>1100 hrs</b>	<b>Sydney Harbour Bridge fully open to traffic</b>			YES		ALL AREAS
1200 hrs	All CBD BLUE roads reopened (Hickson Rd and Sussex St remain closed)			YES		ALL AREAS
<b>1310 hrs</b>	<b>Last Marathon Runner finishes at Sydney Opera House, All roads open</b>			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	<b>Half Marathon Start</b>			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	<b>Marathon Wheelchair Start</b>			YES		ALL AREAS
0725 hrs	<b>First Half Marathon Runner finishes at Sydney Opera House</b>			YES		ALL AREAS
0730 hrs	<b>Marathon Start</b>			YES		ALL AREAS
0755 hrs	<b>Family Run Start</b>			YES		ALL AREAS
0807 hrs	<b>First Family Fun Runner finishes at Conservatorium</b>			YES		ALL AREAS
0900 hrs	<b>Bridge Run Start</b>			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	<b>Last Bridge Runner finish at Conservatorium</b>			YES		ALL AREAS
1100 hrs	<b>Sydney Harbour Bridge fully open to traffic</b>			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	<b>Last Marathon Runner finishes at Sydney Opera House, All roads open</b>			YES		ALL AREAS

Field Staff Duties

Sydney Running Festival 2012

AREA 6		CBD & East	
	Name	Time start	Time Finish
<b>FIELD MANAGER:</b>	Trevor Greaves (India 7)	1am	1.30pm
<b>FIELD STAFF:</b>	Karen Crawshaw (India 6)	3.30am	1.30pm
<b>TEP's:</b>	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	<b>Half Marathon Start</b>				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	<b>Marathon Wheelchair Start</b>				YES		ALL AREAS
0725 hrs	<b>First Half Marathon Runner finishes at Sydney Opera House</b>				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	<b>Marathon Start</b>				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	<b>Family Run Start</b>				YES		ALL AREAS
0807 hrs	<b>First Family Fun Runner finishes at Conservatorium</b>				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	<b>Bridge Run Start</b>				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	<b>Last Bridge Runner finish at Conservatorium</b>				YES		ALL AREAS
1100 hrs	Implement TCP 84B	India 7					Area 6
1100 hrs	<b>Sydney Harbour Bridge fully open to traffic</b>				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	<b>Last Marathon Runner finishes at Sydney Opera House, All roads open</b>				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.

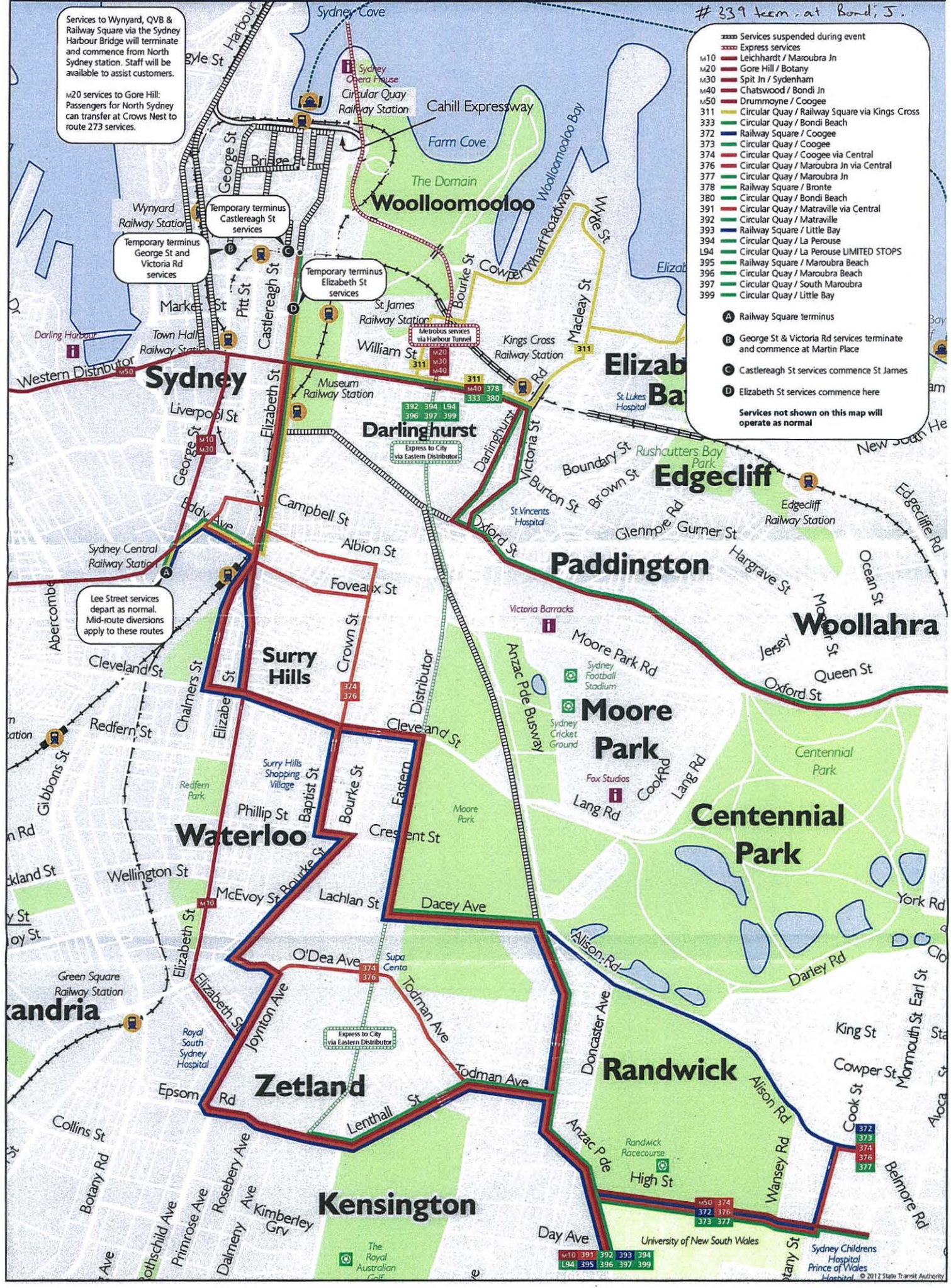
Wynyard Railway Station  
Temporary terminus George St and Victoria Rd services

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

<b>Event</b>	Sydney Running Festival 2012
<b>Date / Duration</b>	Sunday 16 September 2012
<b>Venue</b>	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.
<b>Special Information</b>	<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 <a href="#">Live Traffic</a>.</p>
<b>CityRail services</b>	<p>The closest CityRail stations for the start and finish points are:</p> <ul style="list-style-type: none"> <li>• Start – Milsons Point Station</li> <li>• Finish – Circular Quay Station</li> </ul> <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 <a href="http://www.cityrail.info/timetable/index.jsp">www.cityrail.info/timetable/index.jsp</a></p> <p><b>Important trackwork information</b> 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><b>North Shore Line:</b> Buses replace trains between Berowra and Gordon.</p> <p><b>Northern Line:</b> Buses replace trains between Hornsby and Strathfield via Eastwood.</p> <p><b>Newcastle &amp; Central Coast Line:</b> Buses replace trains between Newcastle and Central.</p> <p><b>Hunter Line:</b> Buses replace trains between Scone and Newcastle and also between Dungog, Telarah and Newcastle.</p>

	<p>For trackwork information visit <a href="http://www.cityrail.info/service_updates/trackwork/">http://www.cityrail.info/service_updates/trackwork/</a></p> <p>Use the <b>131 500 Trip Planner</b> 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 <b>Thursday 13 September</b>.</p>
<b>Metropolitan bus information</b>  <b>Bus diversion maps follow</b>	<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"> <li>▪ Nth Sydney - Central, including Milsons Point, Wynyard and Town Hall.</li> <li>▪ Central - Circular Quay via Museum and St James.</li> <li>▪ Central - Circular Quay via Town Hall and Wynyard.</li> <li>▪ Central – Kings Cross</li> </ul> <p>Passengers are advised to allow extra travel time for their journey.</p> <p><b>Sydney Buses</b> 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><b>Hills Buses</b> 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>
<b>Sydney Ferries</b>	<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 <b>Family Funday Sunday</b> 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>
<b>Accessibility options</b>	<p>You can find accessible transport options by using the <a href="#">Trip Planner</a> and checking the Easy Access/wheelchair accessible option. This will ensure that only accessible train platforms, ferry wharves and buses are presented.</p> <p><b>CityRail</b> Circular Quay, Wynyard, Town Hall, Central, Milsons Point and Circular Quay stations are all wheelchair accessible.</p> <p><b>Sydney Buses</b> 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><b>Sydney Ferries</b> The entire Sydney Ferries fleet is wheelchair accessible via the 20 wheelchair accessible ferry wharves (pending tidal and safety conditions)</p> <p><b>Liverpool Parramatta T-way Buses</b> All T-way bus services are low floor wheelchair accessible.</p>





# Bus Route Diversions

## Event: Sydney Running Festival

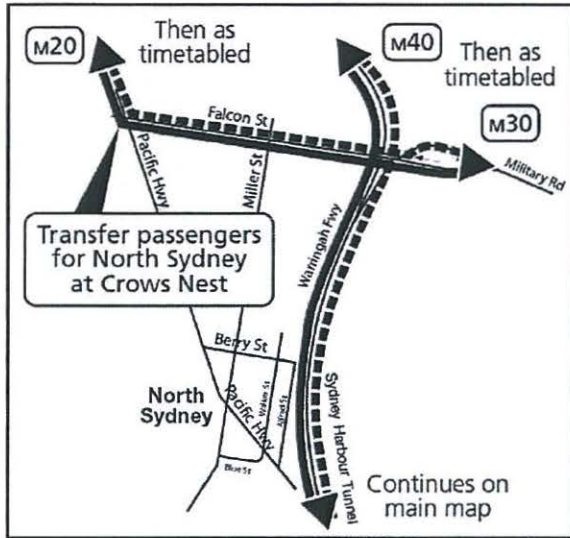
Between 04:00 and 11:00

### Routes Affected

- M20
- M30
- M40



Continues on North Sydney inset

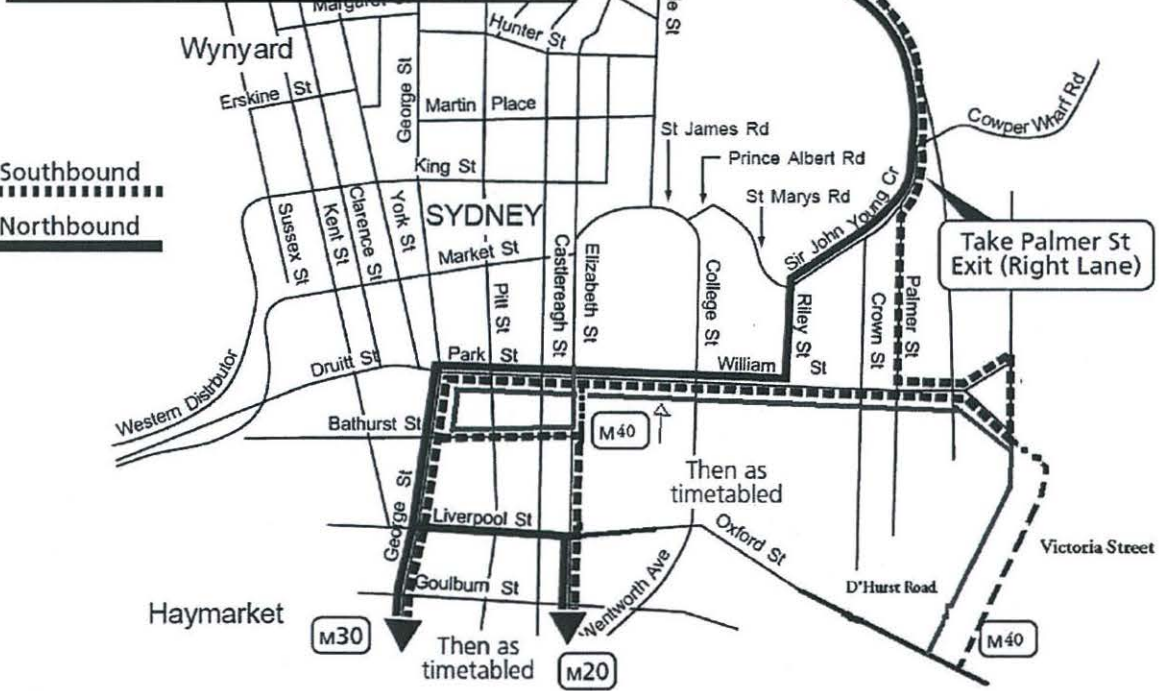


**Route 20**  
From 4.00am until 11.00am  
To Gore Hill.  
As normal to Clarence St, right King, right Elizabeth, left Park, William, left Riley St, right Sir John Young Cres onto Cahill Express Way, Sydney Harbour Tunnel, Warringah Freeway, then left Falcon St, left Miller Street, left Pacific Hwy, 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 Druitt 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 Sydenham  
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 Chatswood  
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 BJI  
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

Southbound  
Northbound



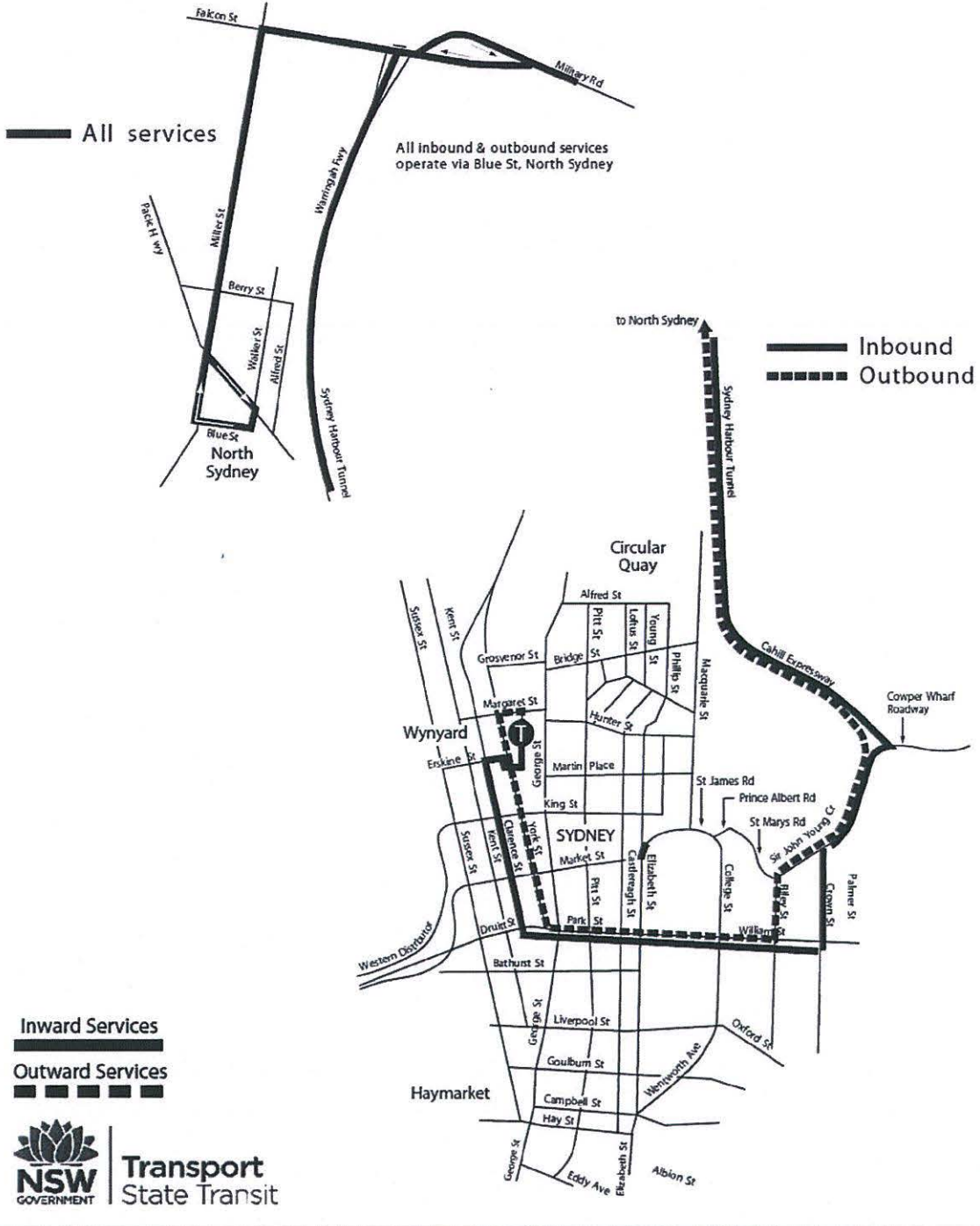


**BUS ROUTE DIVERSIONS**

**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)





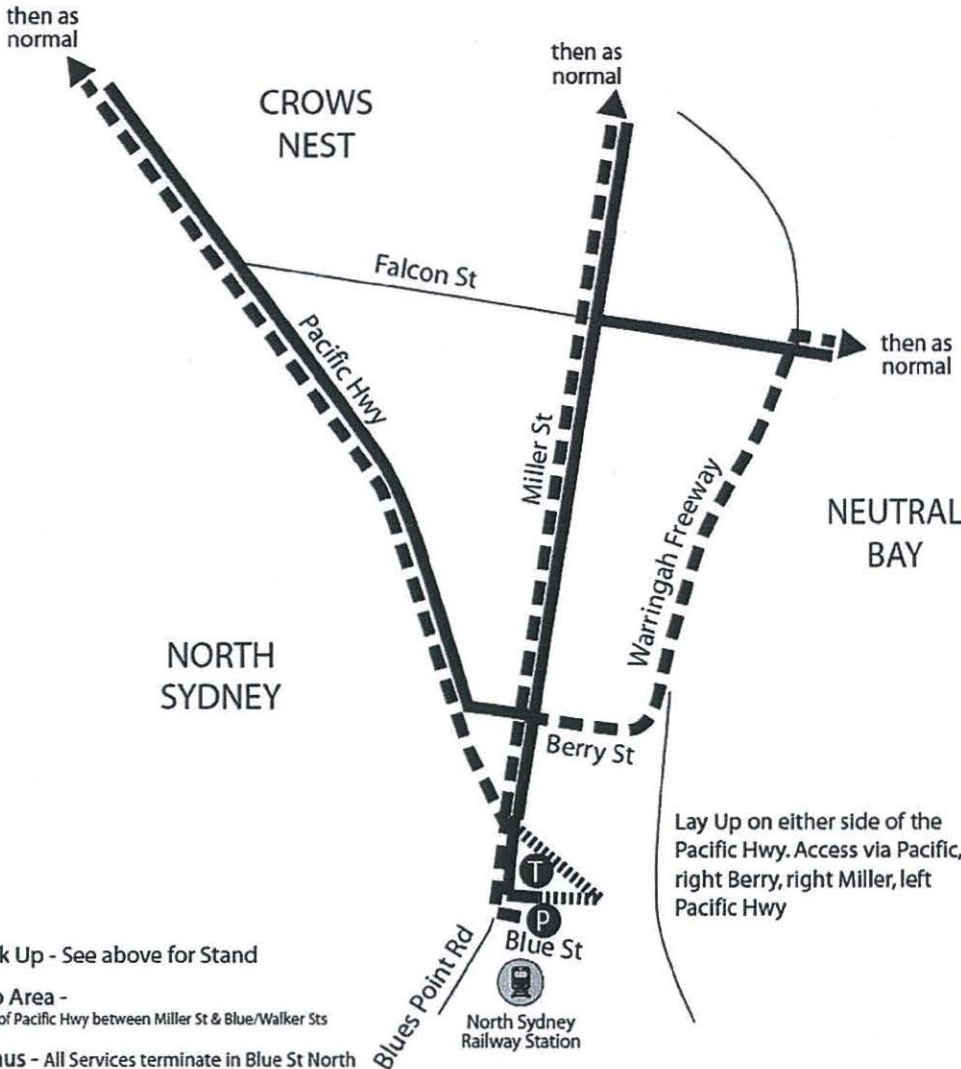
# Bus Route Diversions

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

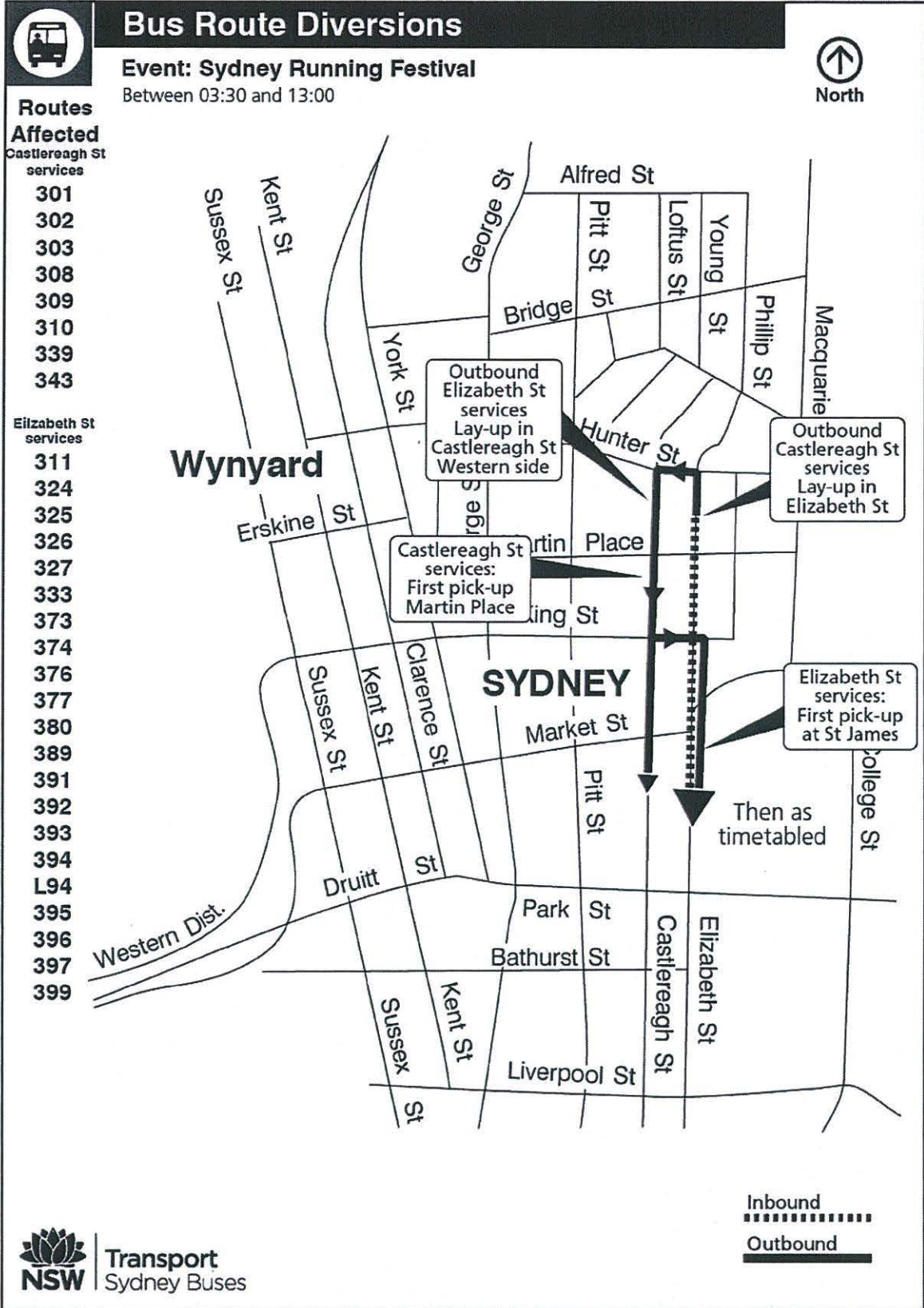
**Inward Services**

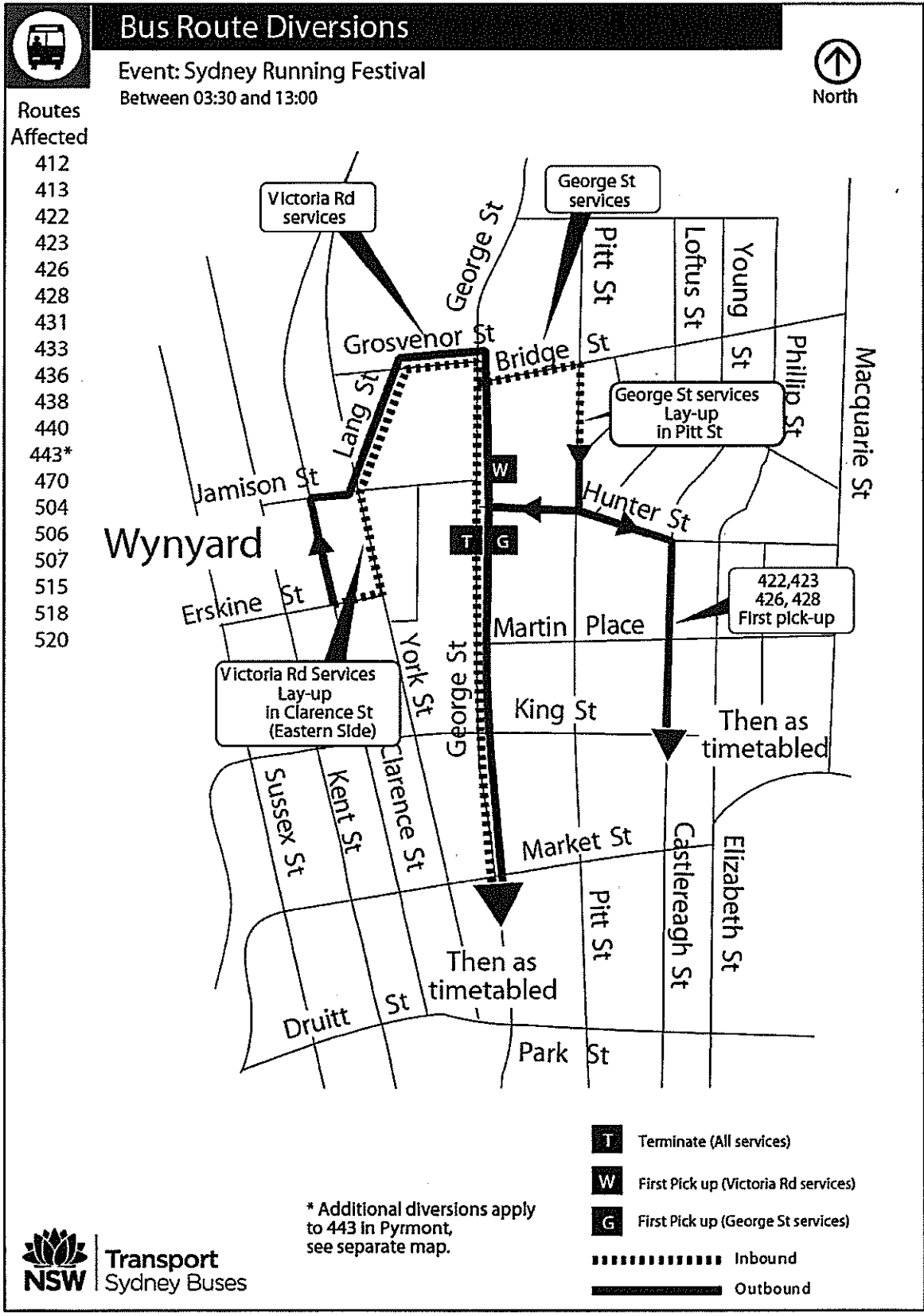
**Outward Services**

**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

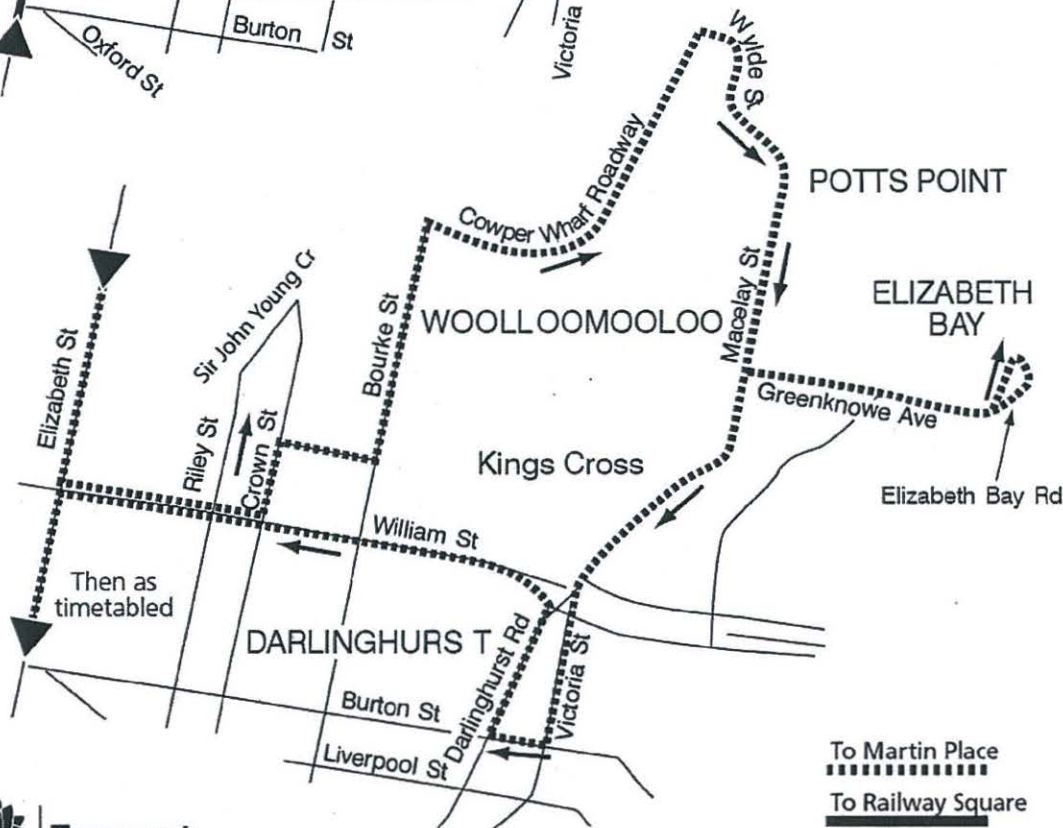
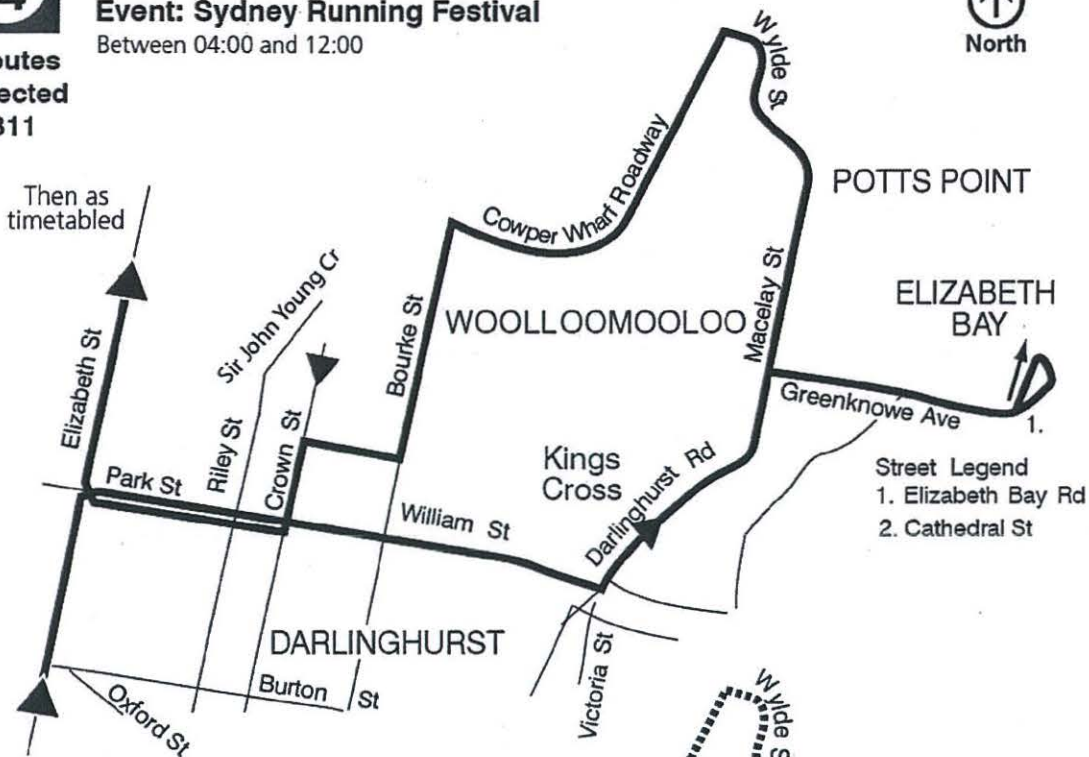
Event: Sydney Running Festival

Between 04:00 and 12:00



Routes Affected  
311

Then as timetabled





# Bus Route Diversions

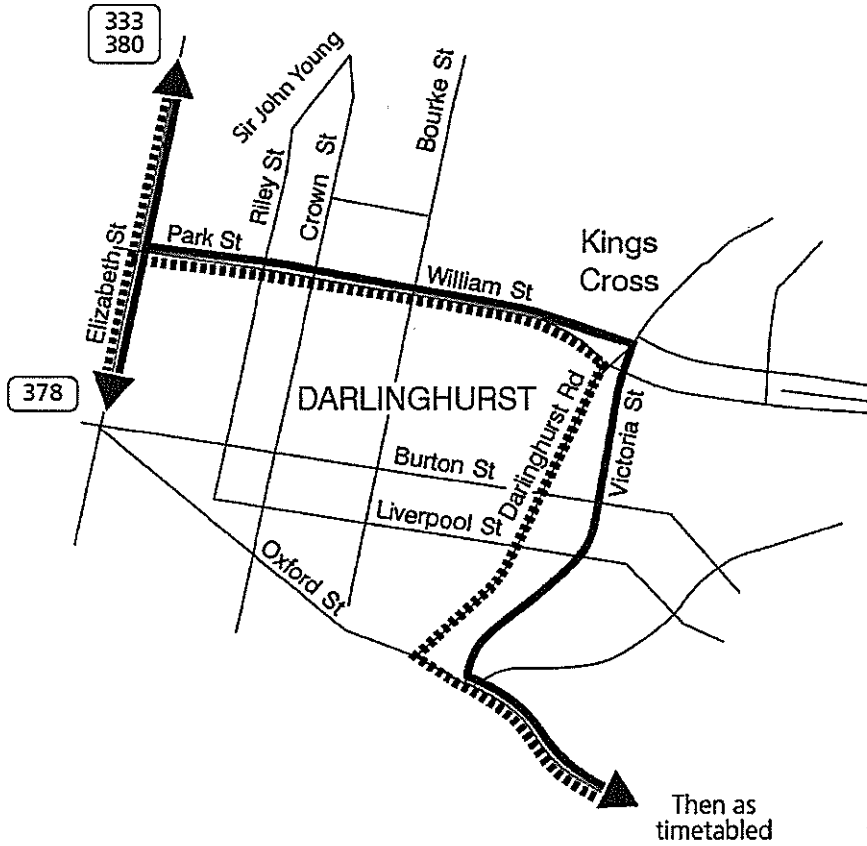
Event: Sydney Running Festival

Between 04:00 and 12:00



Routes  
Affected

- 333
- 378
- 380



Inbound  
-----  
Outbound  
\_\_\_\_\_



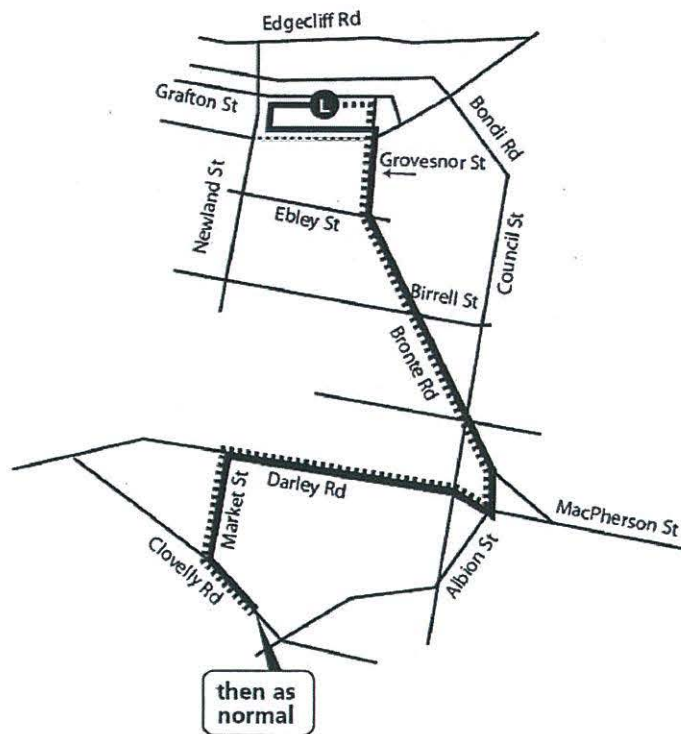
# SPECIAL EVENT - DIVERSION INFORMATION

Event: Sydney Running Festival

Route 339 diversion as directed.

## Routes

339



### Legend:

<b>L</b>	Terminus
	339 to Bondi Jn (Stand L)
	339 to Clovelly







# Bus Route Diversions

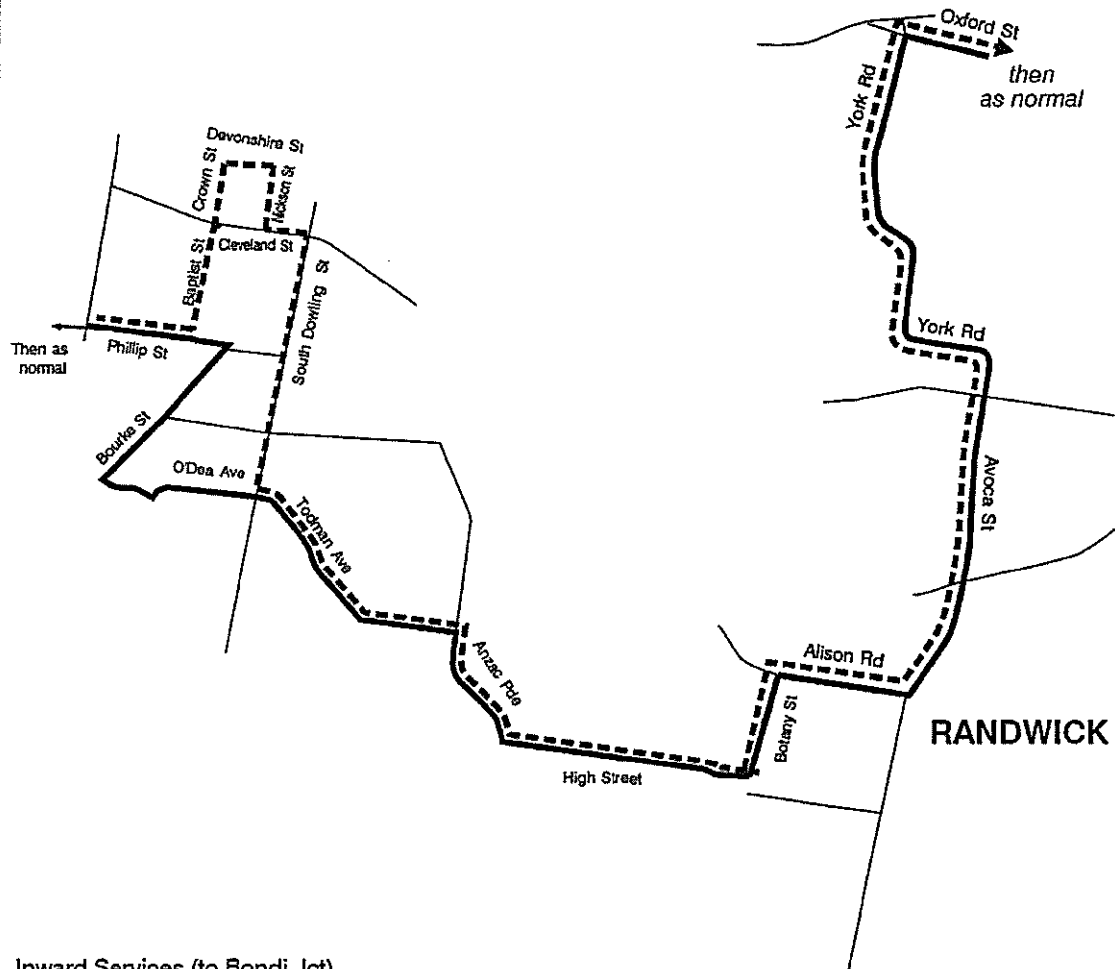
Event: Sydney Running Festival



North

Route Affected  
355

From first service of the day until approx 11:00



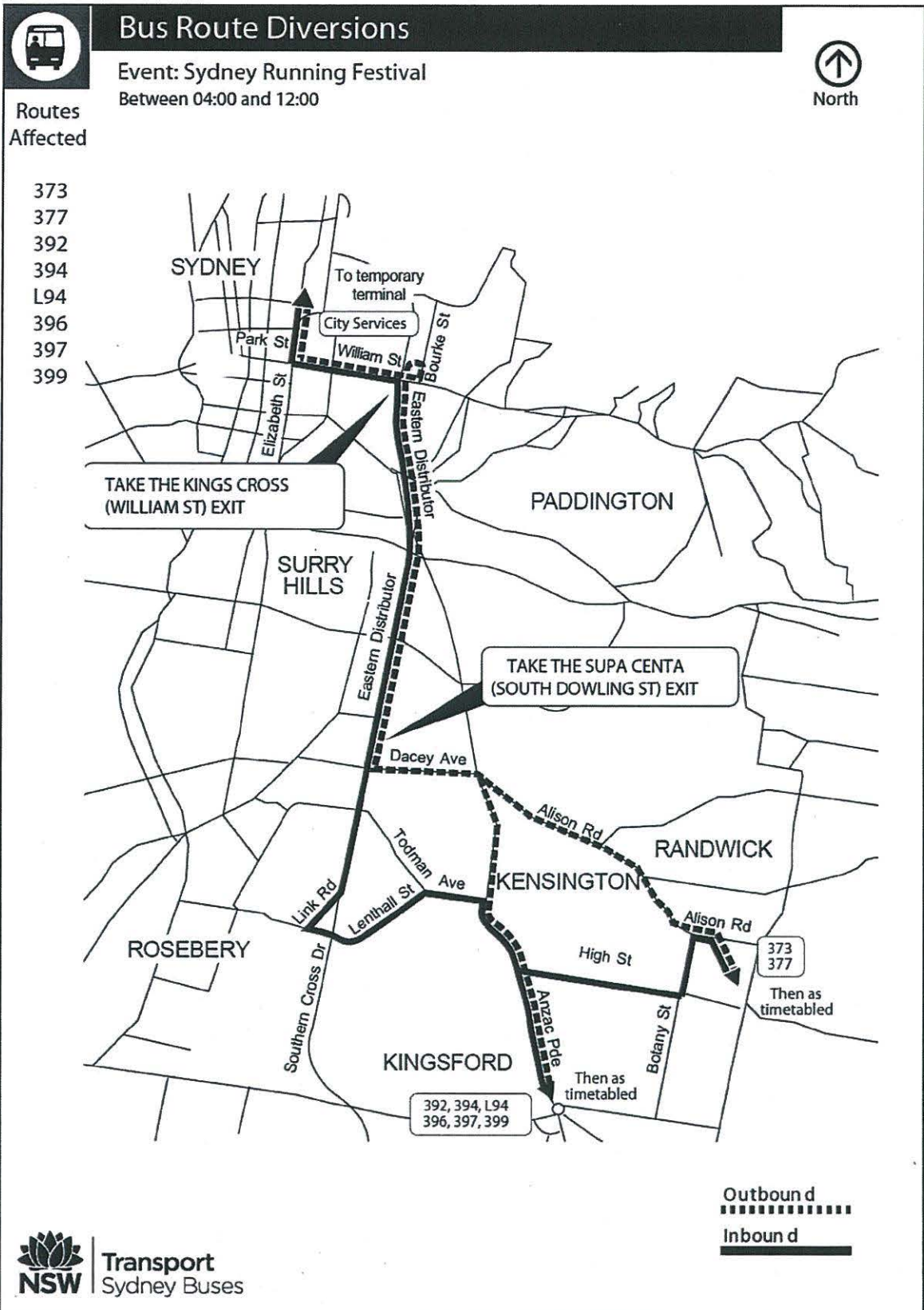
Inward Services (to Bondi Jct)



Outward Services (to Marrickville Metro)



Transport  
Sydney Buses





# Bus Route Diversions

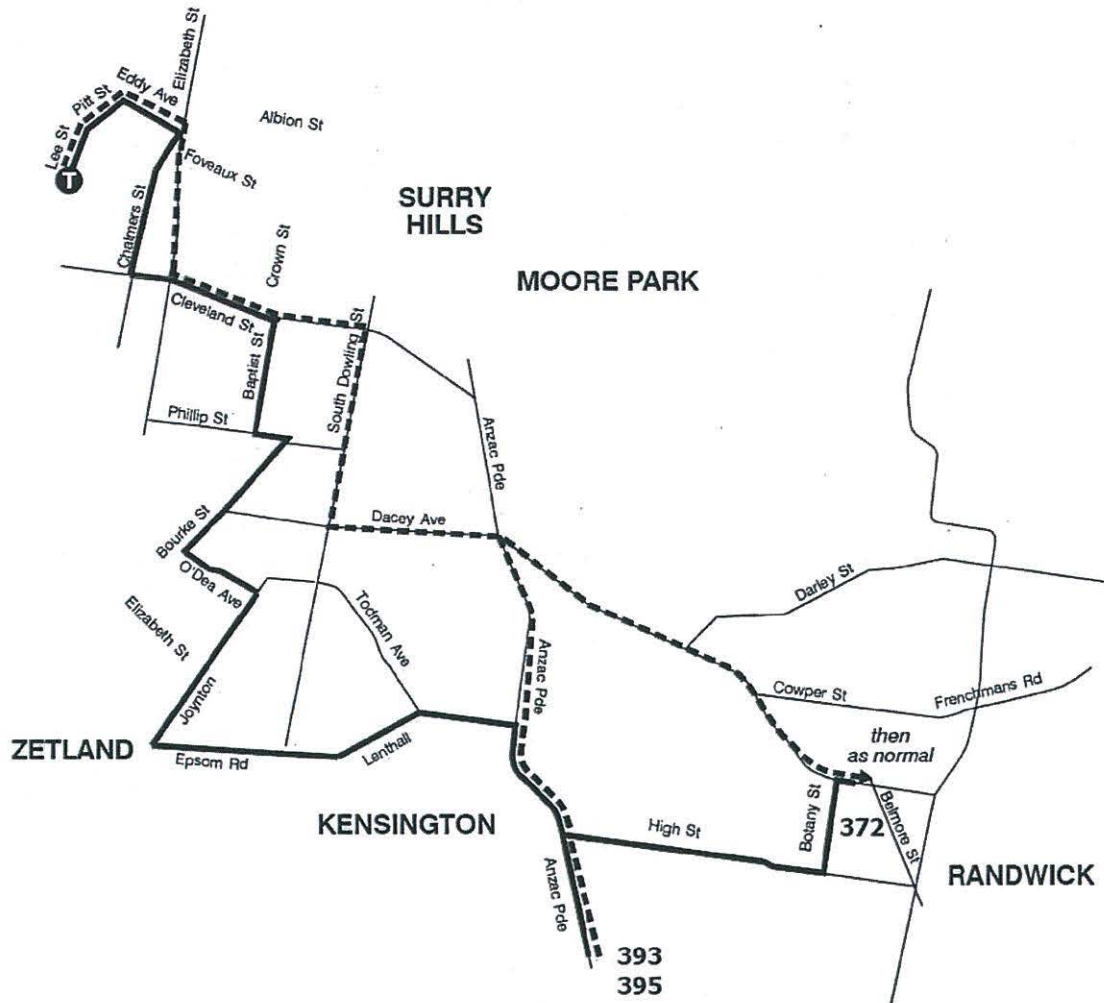
Event: Sydney Running Festival

Between 04:00 and 12:00



Routes Affected

- 372
- 393
- 395



Outbound  
Inbound





# Bus Route Diversions

Event: Sydney Running Festival

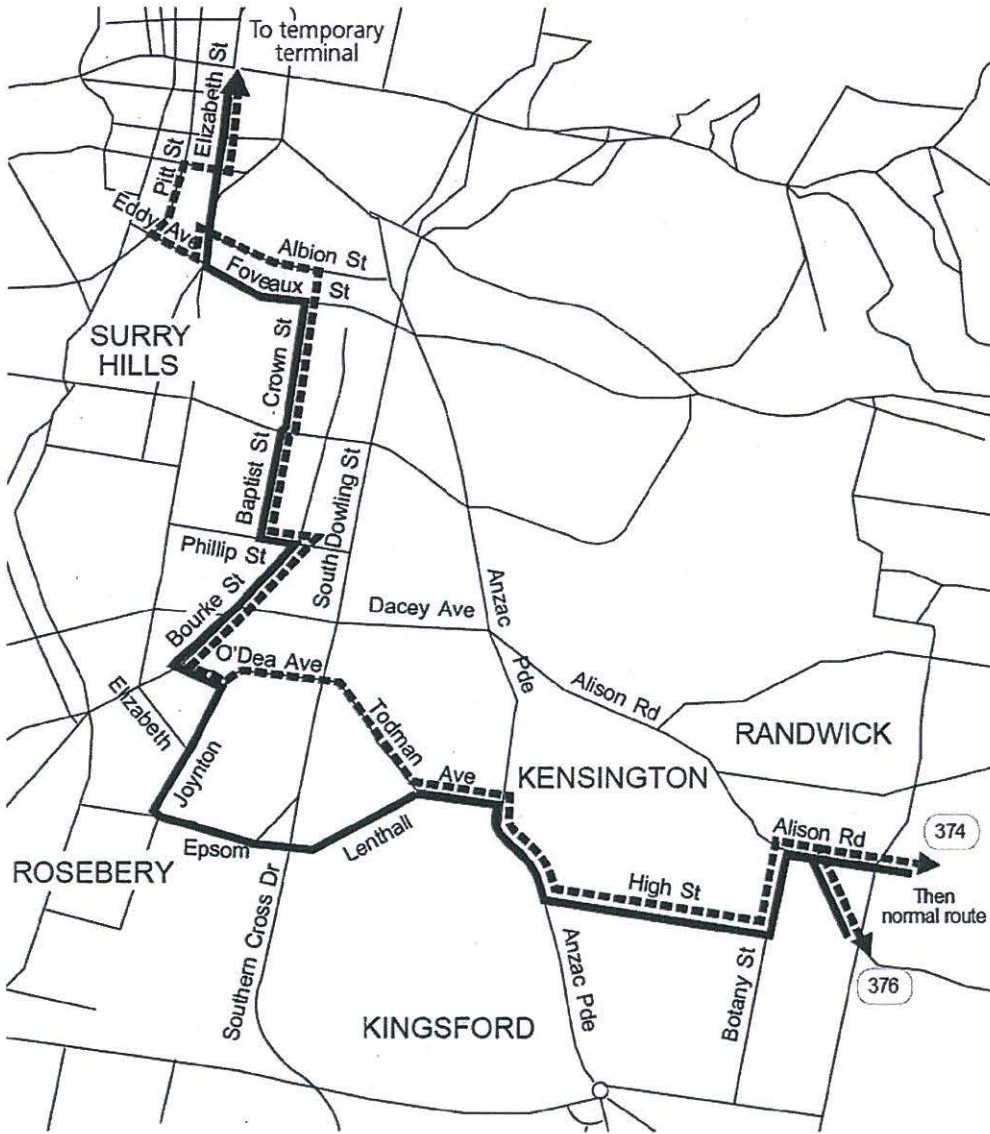
Between 04:00 and 12:00



Routes Affected

374

376



Outbound  
-----  
Inbound  
—————





# Bus Route Diversions

Event: Sydney Running Festival

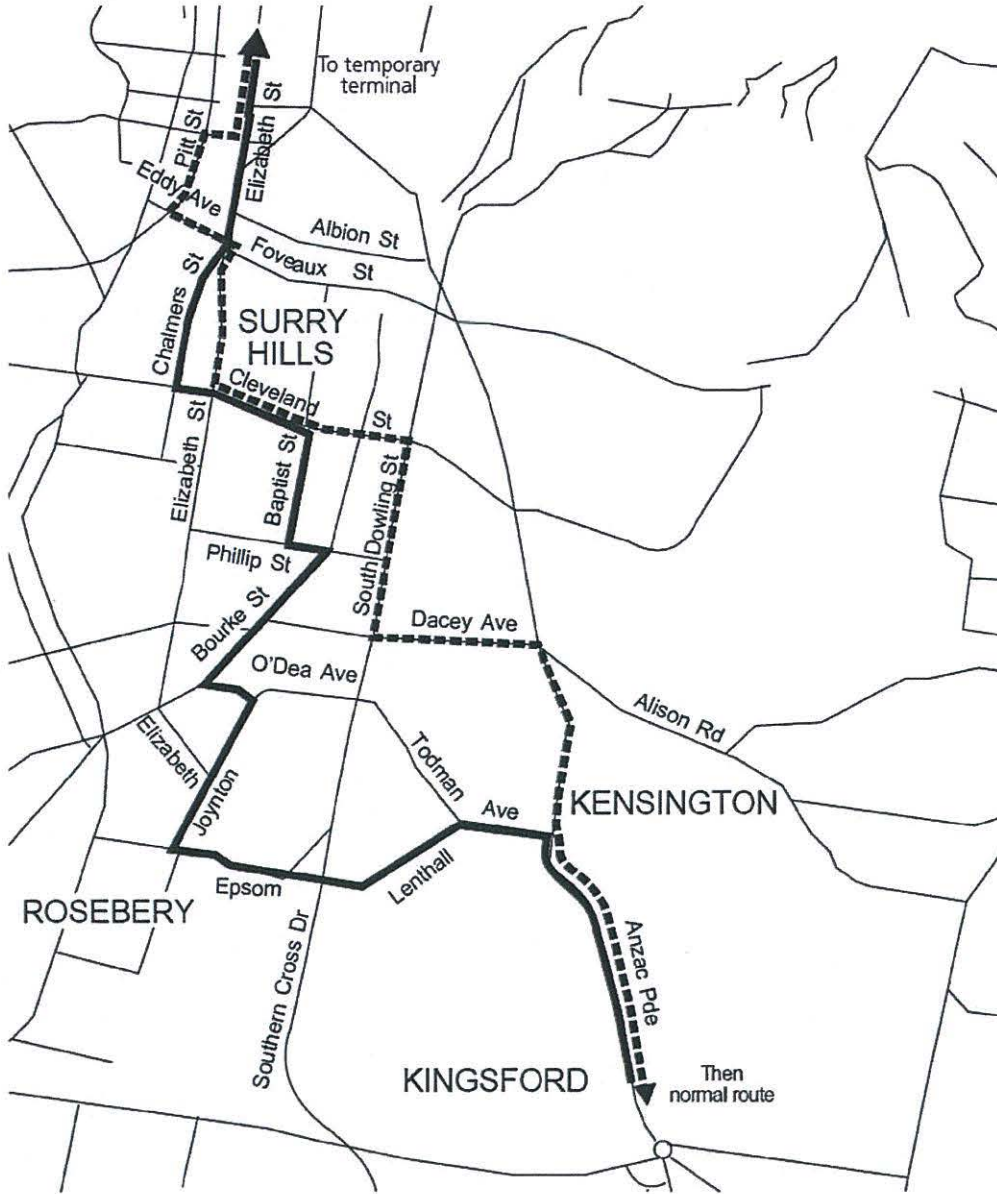
Between 04:00 and 12:00



North

Routes  
Affected

391



Outbound  
Inbound





## Bus Route Diversions

Event: Sydney Running Festival

Between 04:00 and 13:30

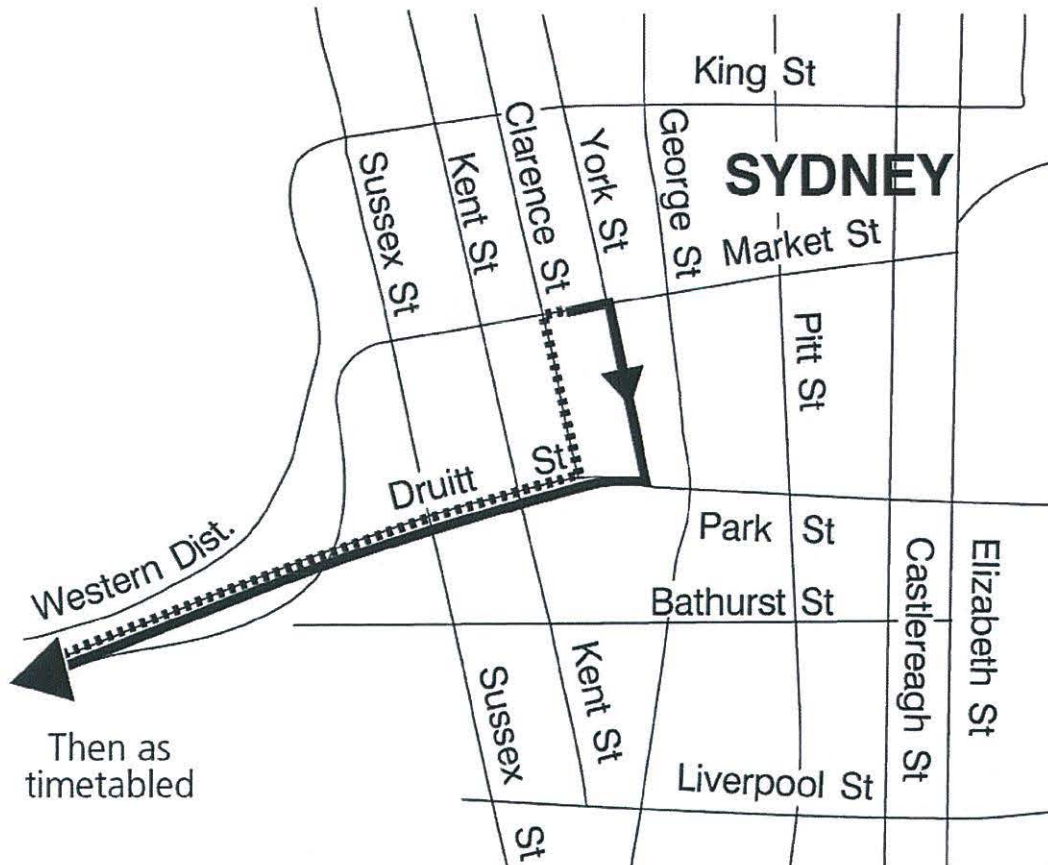


North

Routes  
Affected

441

442



Inbound  
.....  
Outbound  
—————

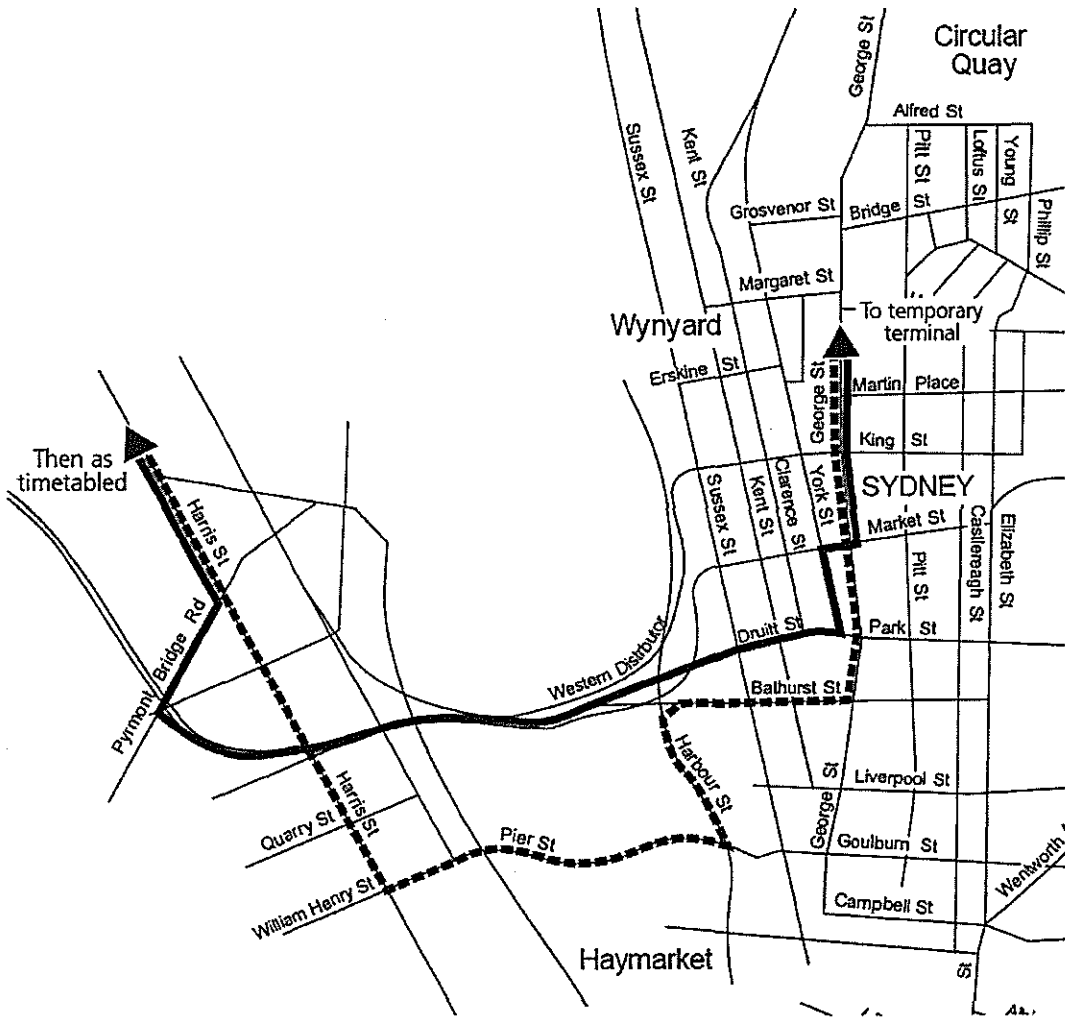


# Bus Route Diversions

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



Routes  
Affected  
443



Inbound  
-----  
Outbound  
—————

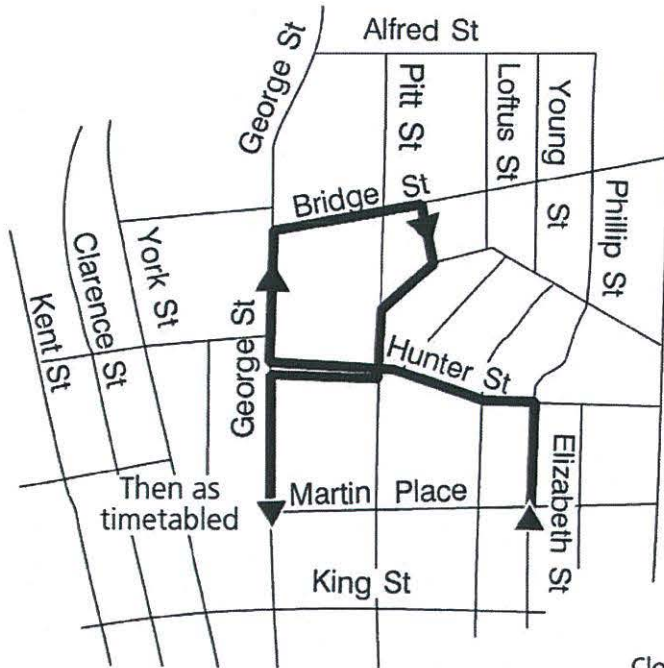
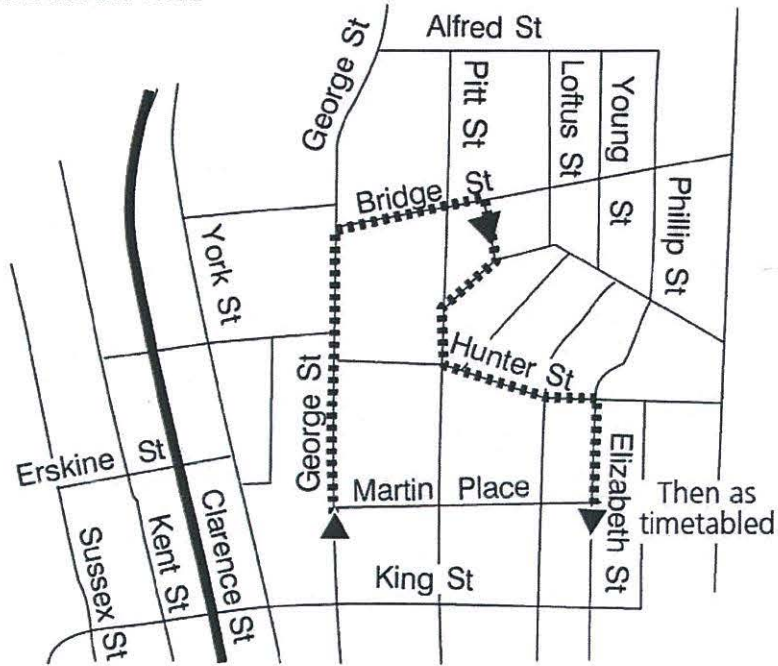


# Bus Route Diversions

**Event: Sydney Running Festival**

Between 04:00 and 13:00

**Routes Affected**  
**555**



Clockwise  
.....  
Anticlockwise





# Bus Route Diversions

**Event: Sydney Running Festival**

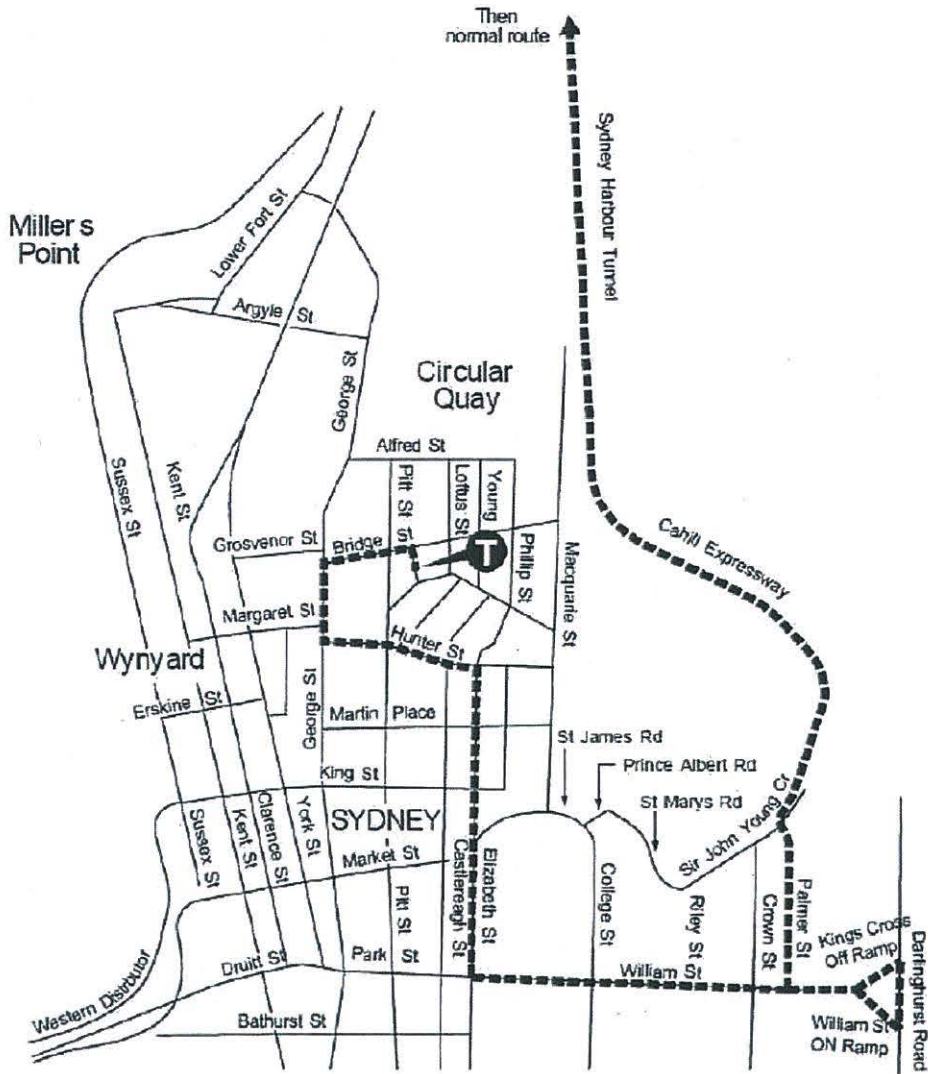
NOTE Follow Map up until 11:00AM

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



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





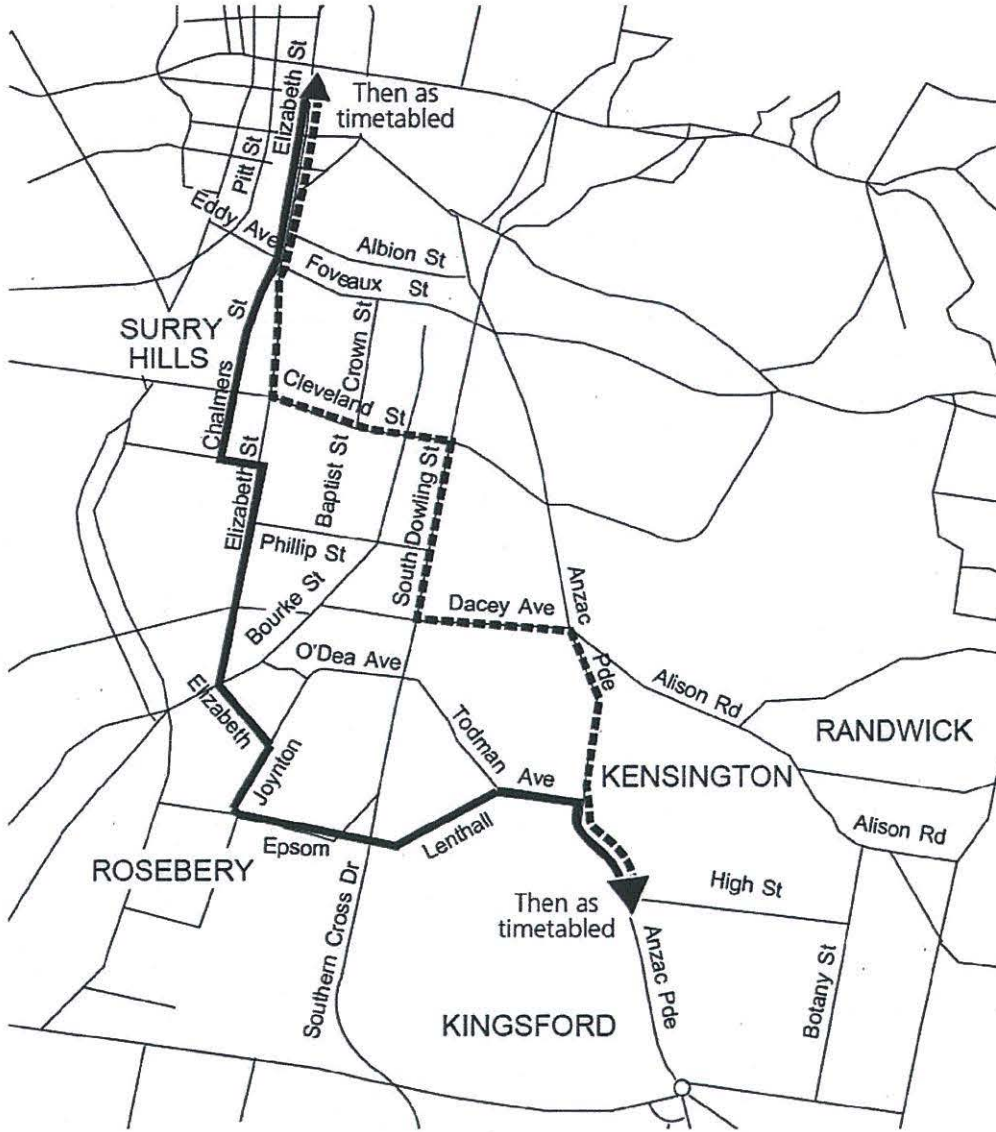
# Bus Route Diversions

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**

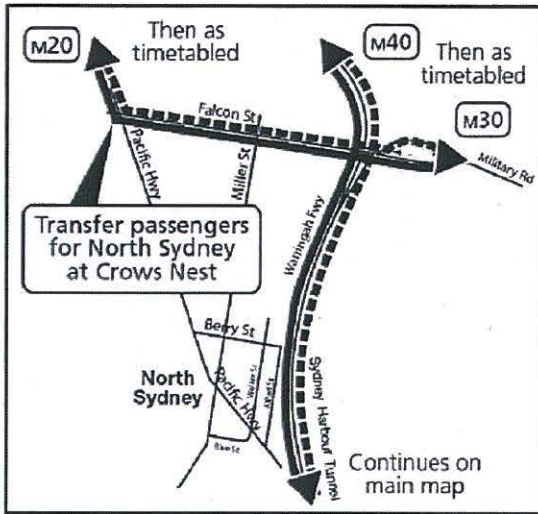
Between 04:00 and 11:00



**Routes Affected**

- M20
- M30
- M40

Continues on North Sydney inset

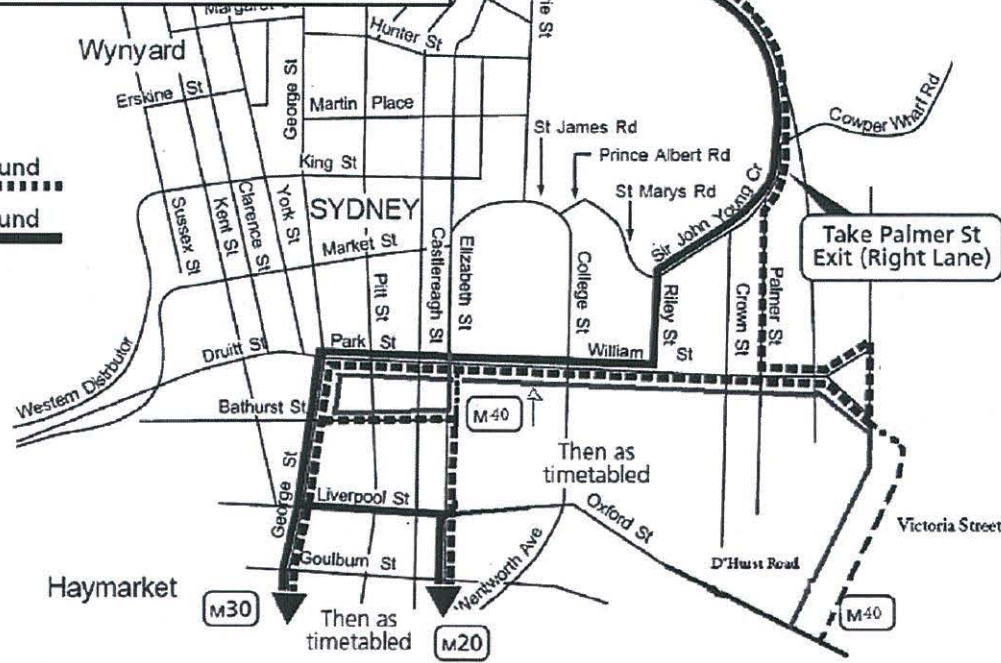


**Route 20**  
From 4.00am until 11.00am  
To Gore Hill  
As normal to Clarence St, right King, right Elizabeth, left Park, William, left Riley St, right Sir John Young Cres onto Cahill Express Way, Sydney Harbour Tunnel, Warringah Freeway, then left Falcon St, left Miller Street, left Pacific Hwy, right 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 Chatswood  
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

Southbound  
Northbound





# Bus Route Diversions

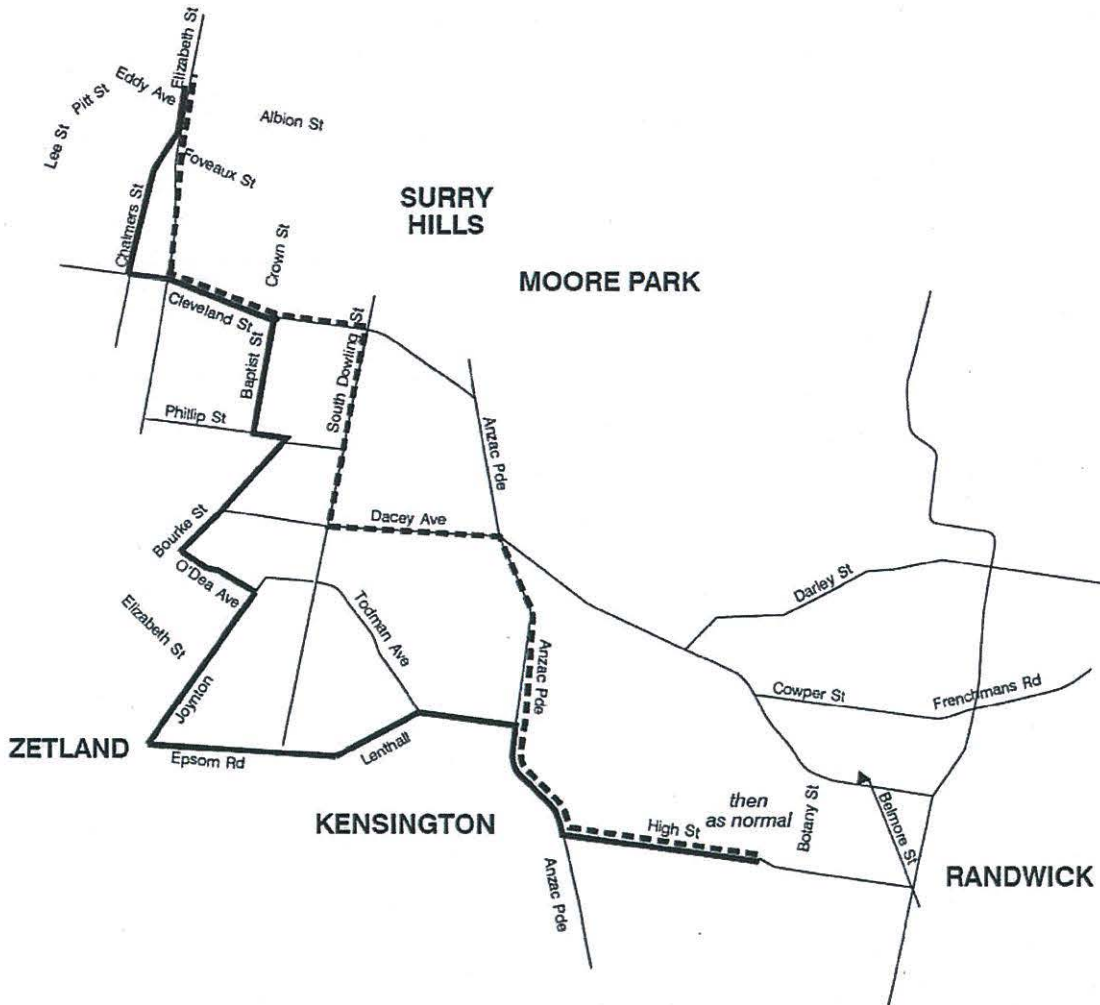
Event: Sydney Running Festival

Between 04:00 and 12:00



North

Routes Affected  
M50



To Coogee  
To Drummoyne



# Bus Route Diversions

## Event: Sydney Running Festival

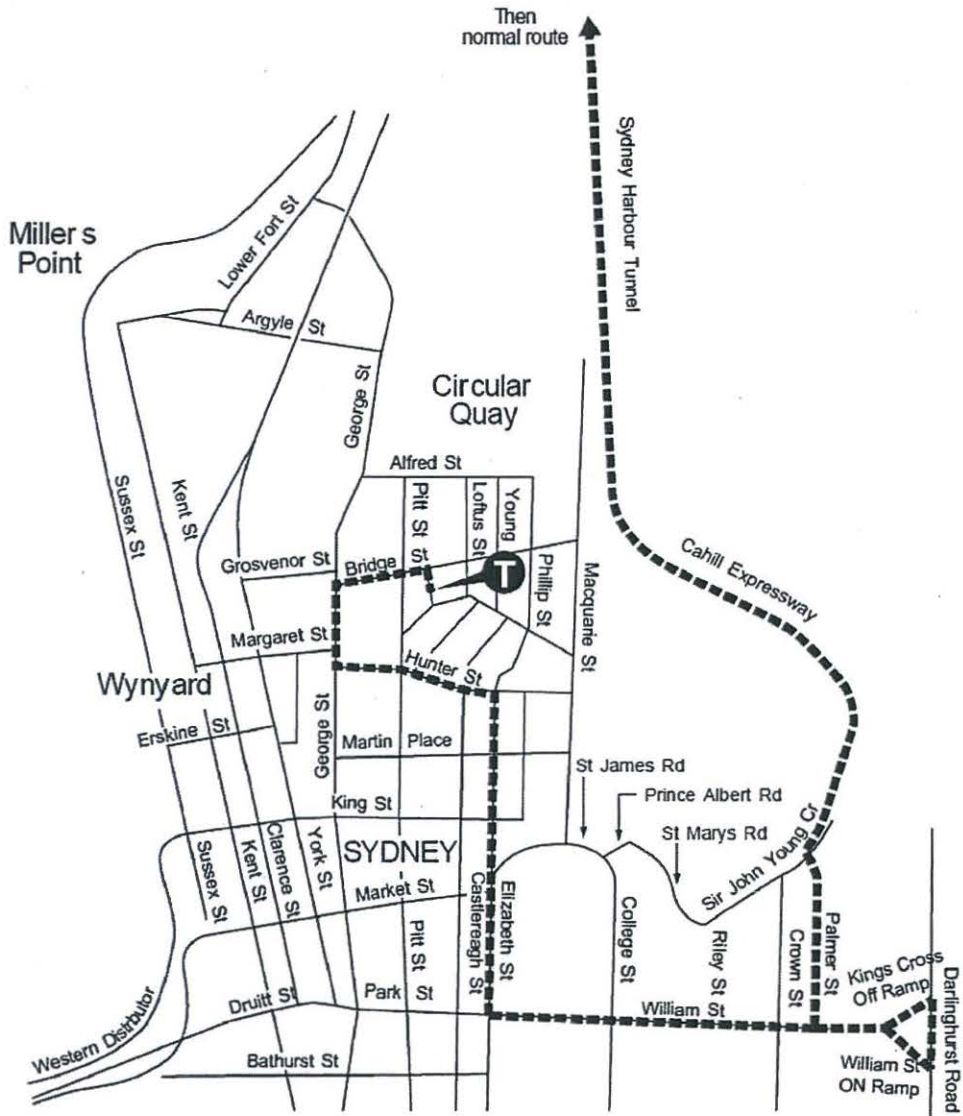
NOTE: Follow Map up until 11:00AM

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.

**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:**

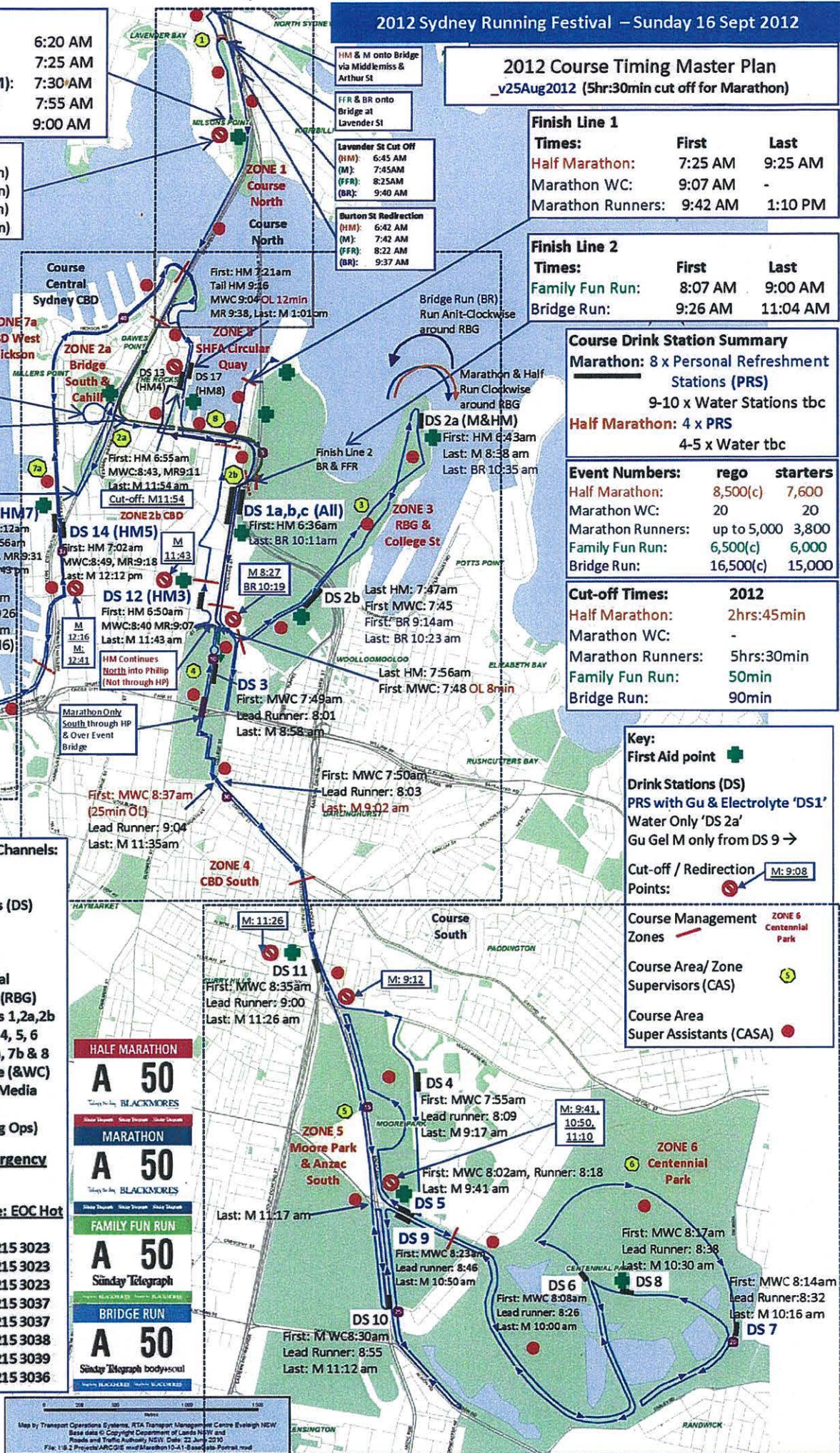
	rego	starters
Half Marathon:	8,500(c)	7,600
Marathon WC:	20	20
Marathon Runners:	up to 5,000	3,800
Family Fun Run:	6,500(c)	6,000
Bridge Run:	16,500(c)	15,000

**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\ARC0E.mxd Marathon10-11-Base-Map-Postal.mxd

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



## Legend

— Half Marathon Route

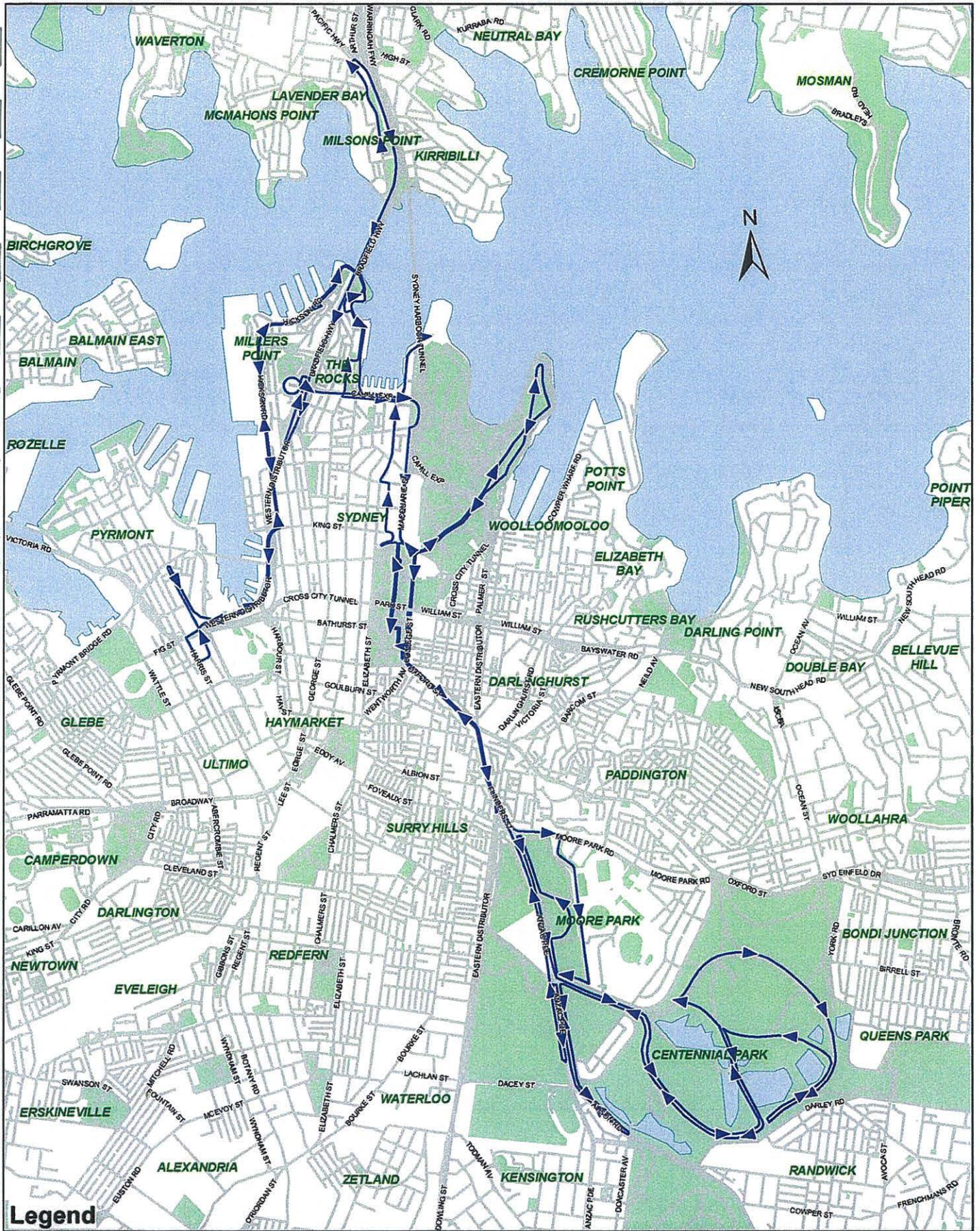


Transport Management Centre



Map by Major Events Section, Transport Management Centre, Evesleigh NSW.  
 Base data © Copyright Department of Lands NSW, Date: June 2012.  
 File: 1192 Project\ARC\GIS\msh\marathon12\A3-8\mshCrsh11.mxd

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



**Legend**

**Legend**

- Marathon Route
- - - Wheelchair Return Route

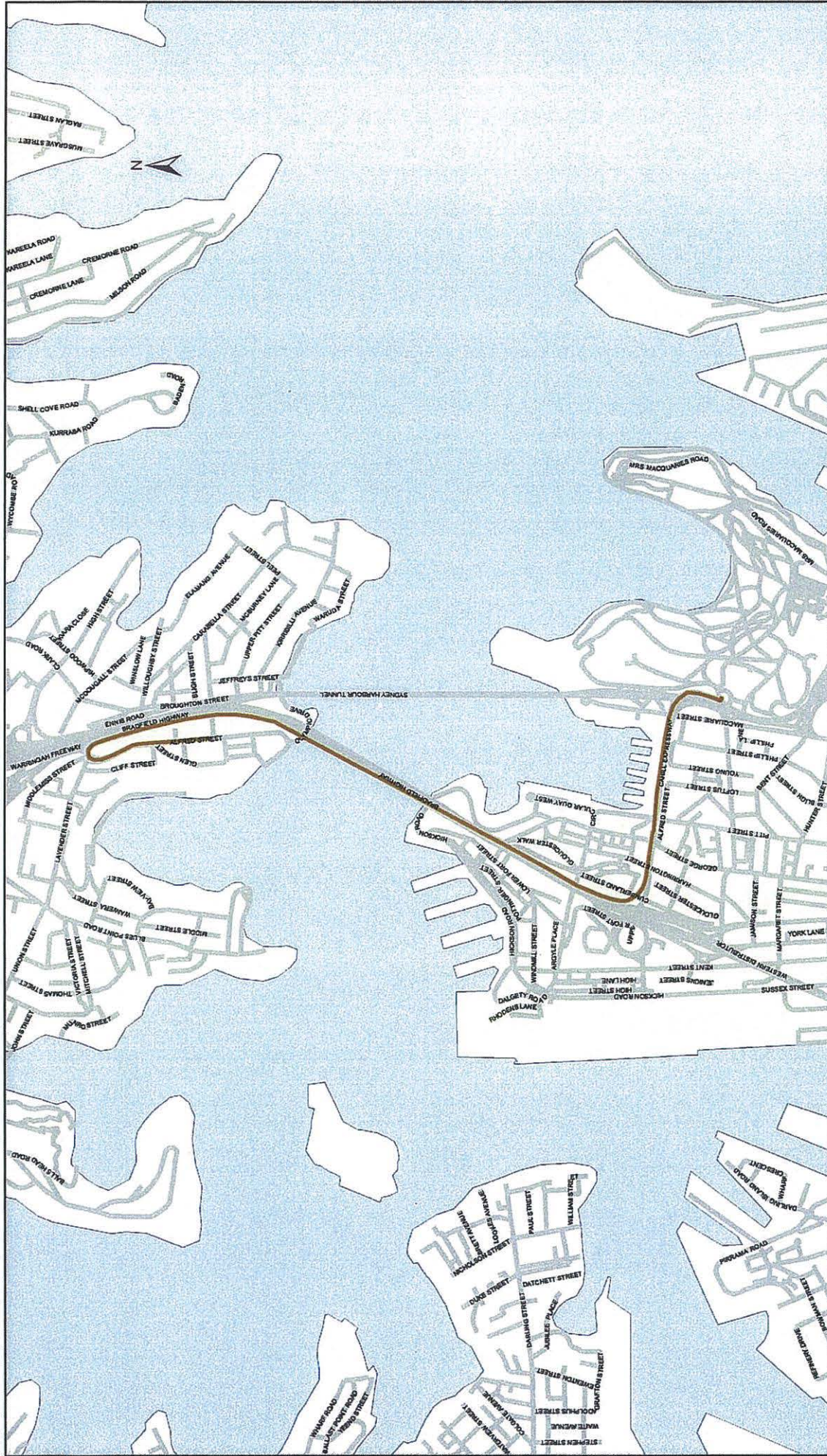


0 100 200 400 600 800 1,000  
Metres

Map by Major Events Section, Transport Management Centre Evesleigh NSW.  
Base data © Copyright Department of Lands NSW, Date: June 2012.  
File: 1.0.2 Projects\ARCOS 2nd\Marathon12\4.3.8\5020a-FullRoute.mxd



# Sydney Running Festival 2012 - Family Run

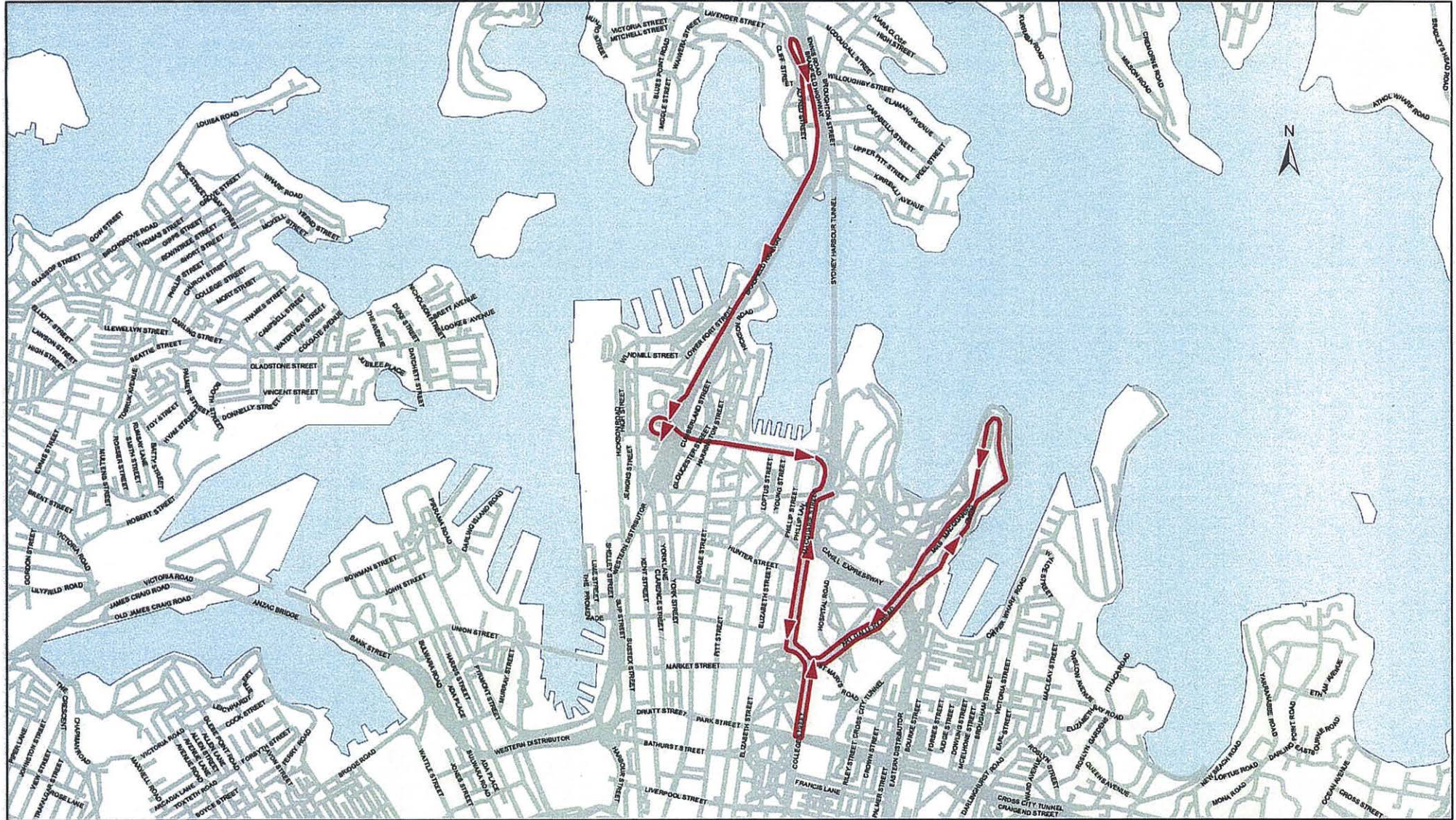


**Legend**  
 Family Run



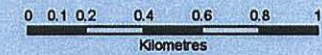
0 0.1 0.2 0.4 0.6 0.8 1  
 Kilometres  
 Map by Major City's Section, Transport Management Centre, Sydney NSW  
 Date issued: August 2012 File: 10\_2\_PsychedARC035 run 01Marathon 12A-FamilyRun.mxd

# Sydney Running Festival 2012 - Bridge Run



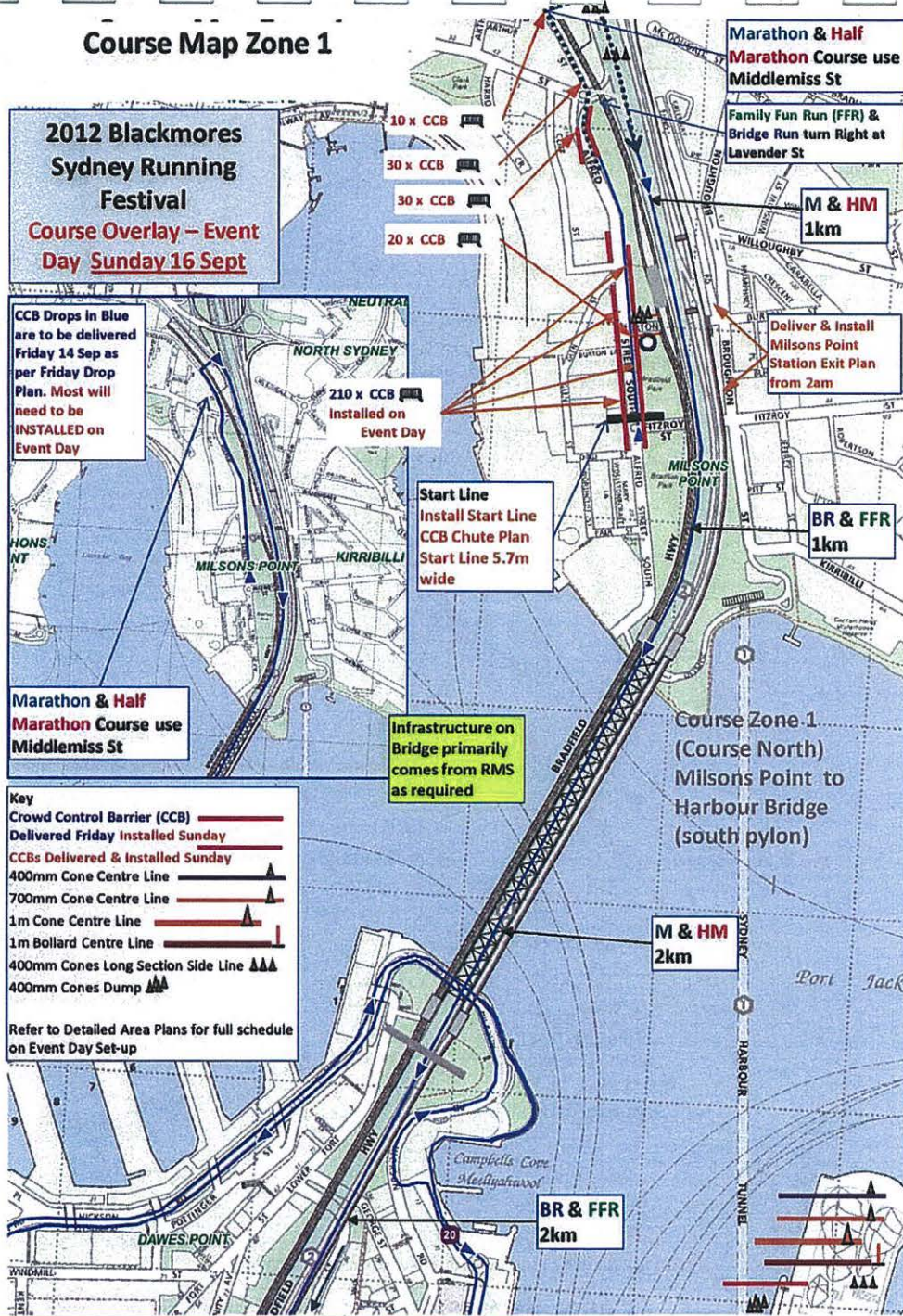
## Legend

 Bridge Run

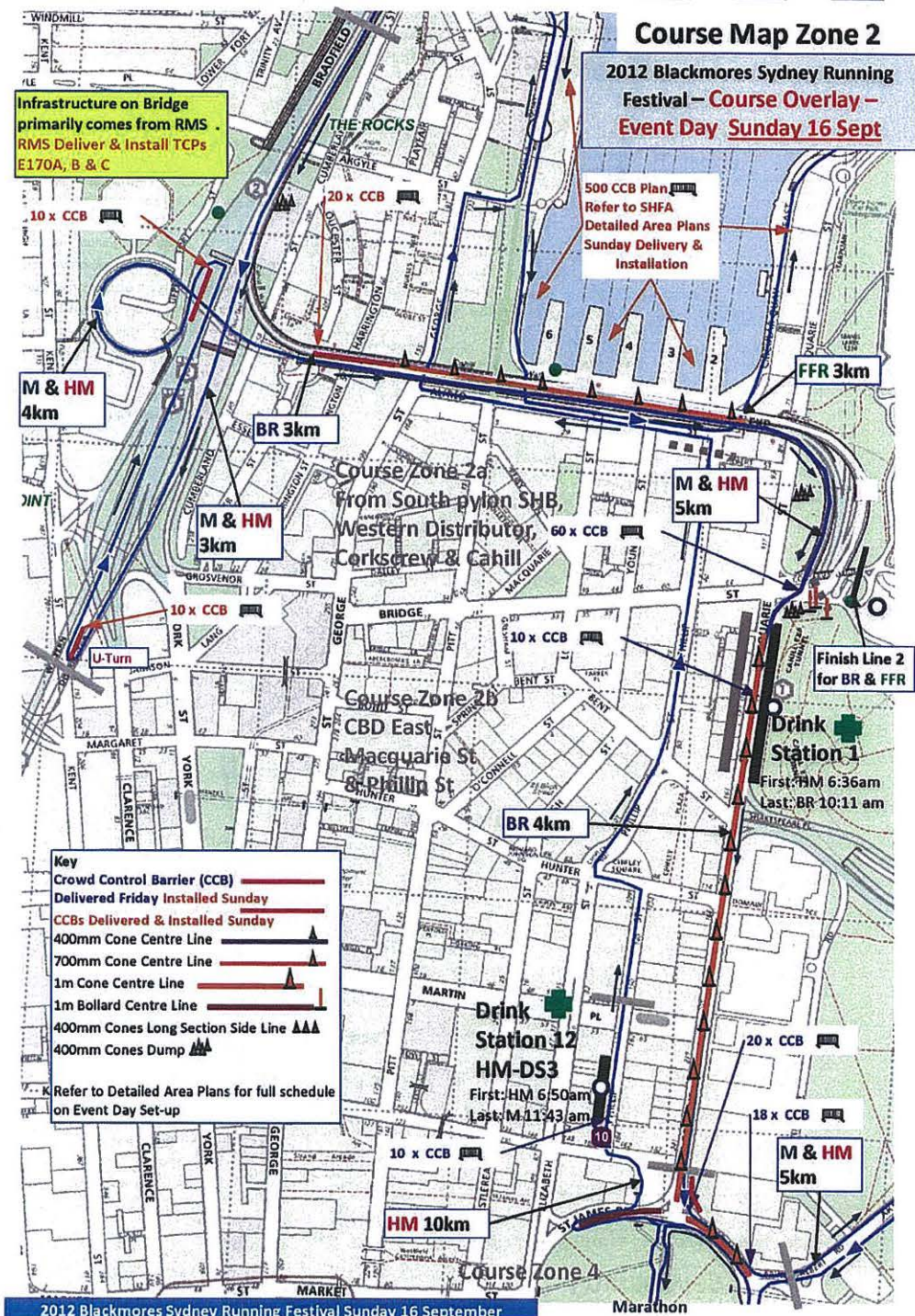


Map by Major Events Section, Transport Management Centre Eveleigh NSW.  
Base data © Copyright Department of Lands NSW 2011.  
Date issued: August 2012. File: I192 Projects\WRCG\IS mxd\Warathon2012-A3-BridgeRun.mxd

## Course Map Zone 1

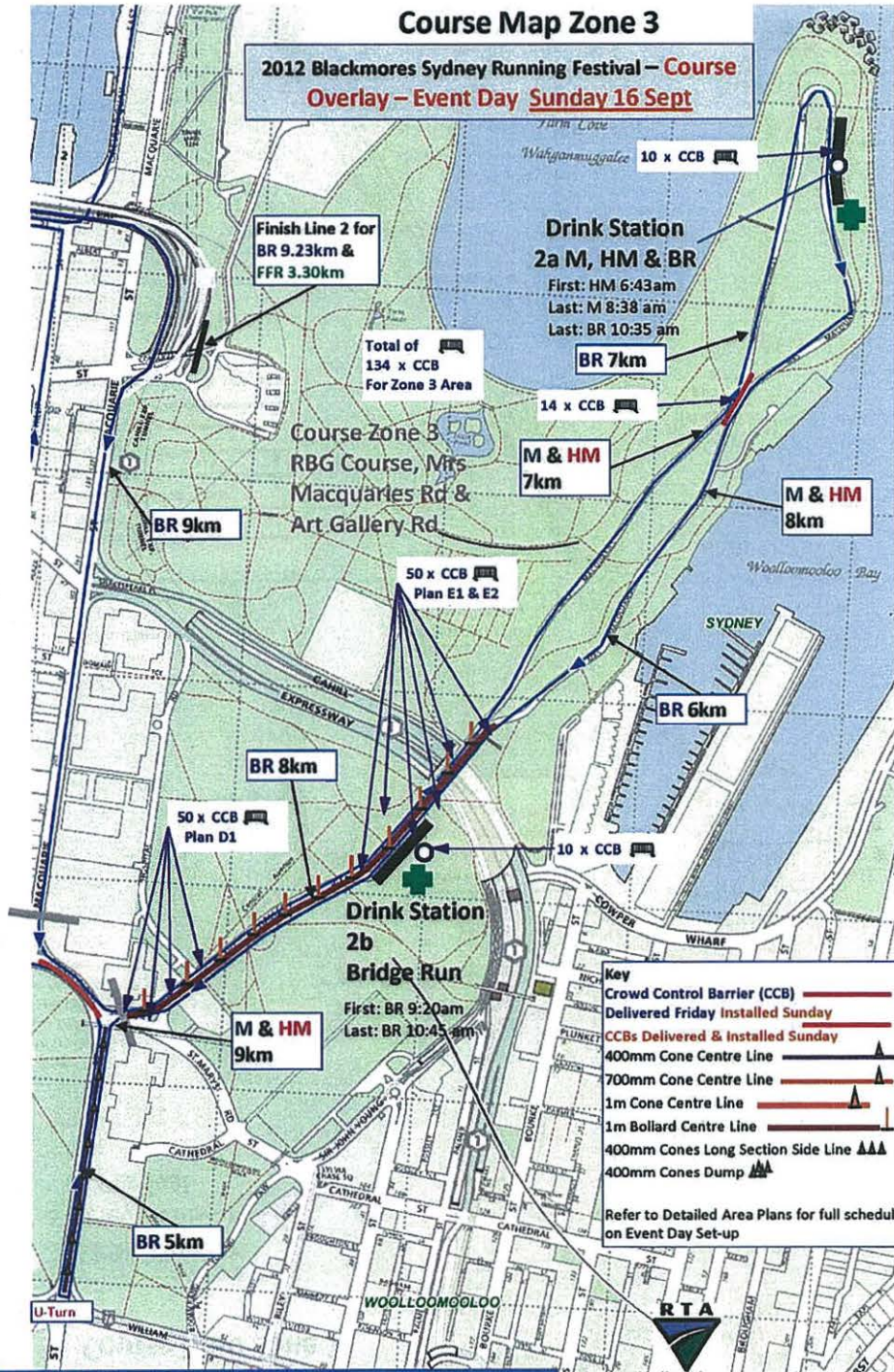


## Course Map Zone 2



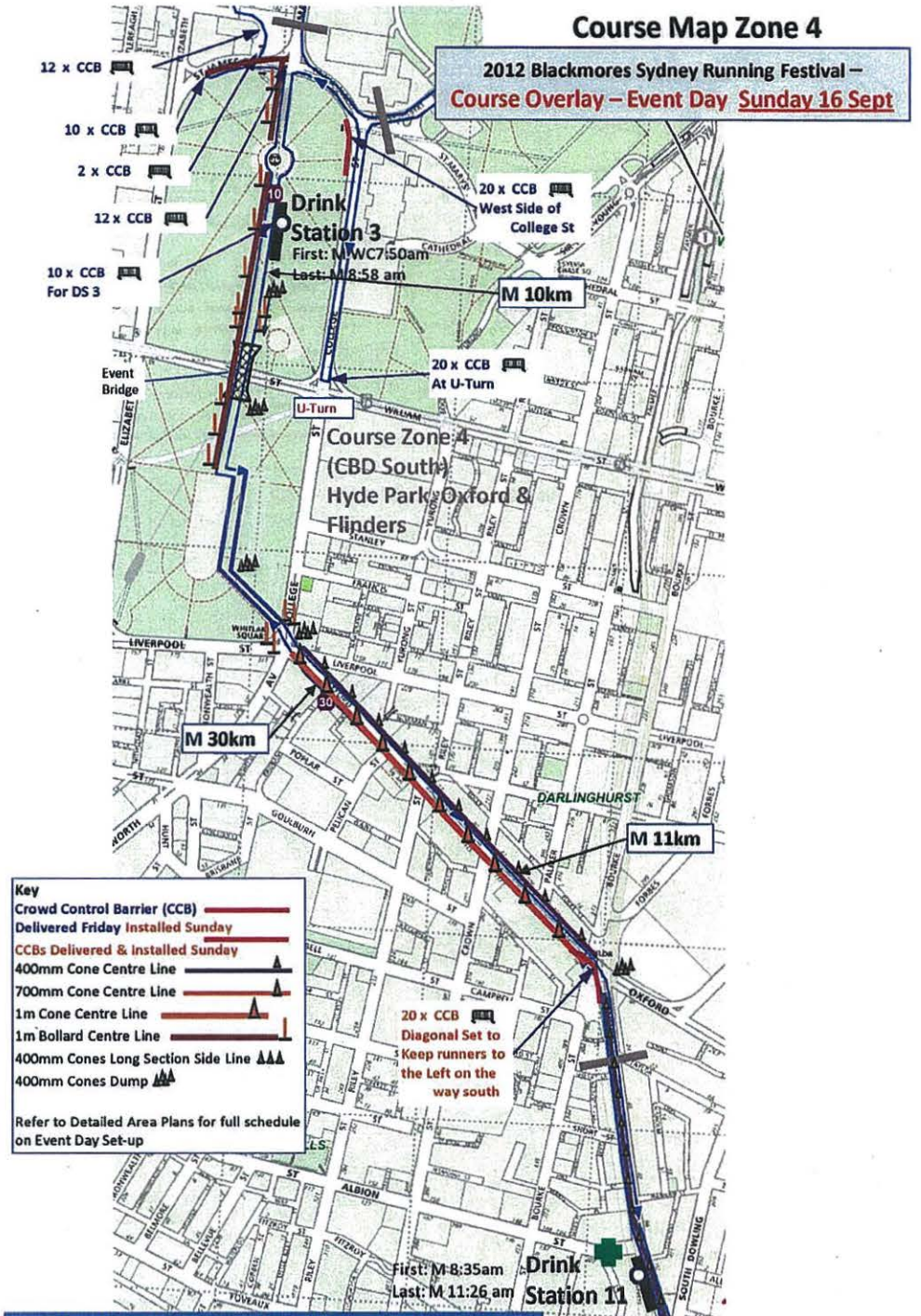
### Course Map Zone 3

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



### Course Map Zone 4

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



**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

**SURRY HILLS**  
**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

**Course Zone 6: Centennial Park**  
**CENTENNIAL PARK**

10 x CCB

Coates  
 135 x 700 Cones  
 30 x 400 Cones

**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



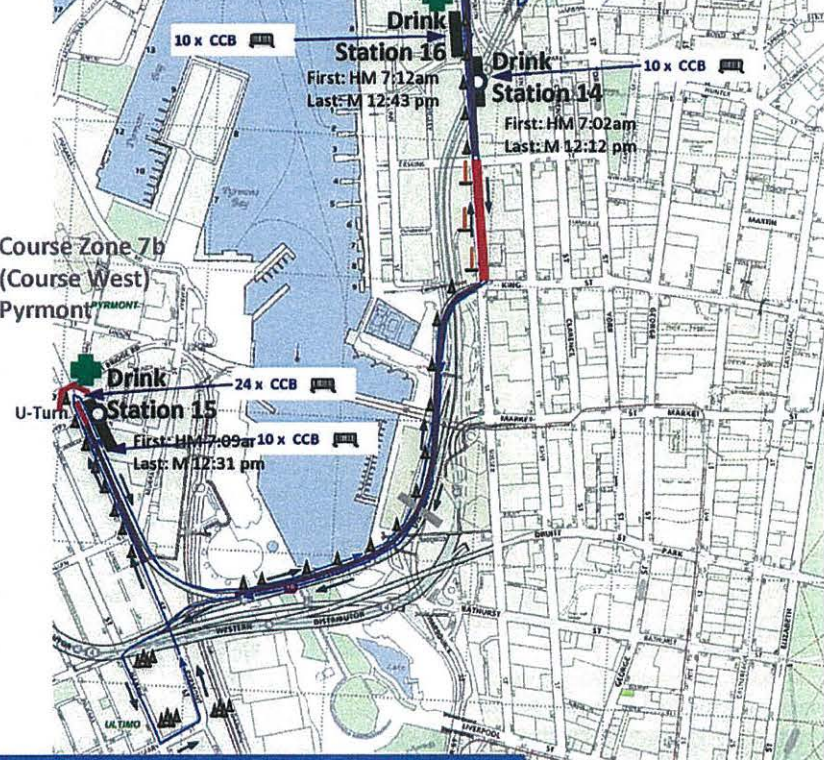
## Course Map Zone 7a & 7b

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

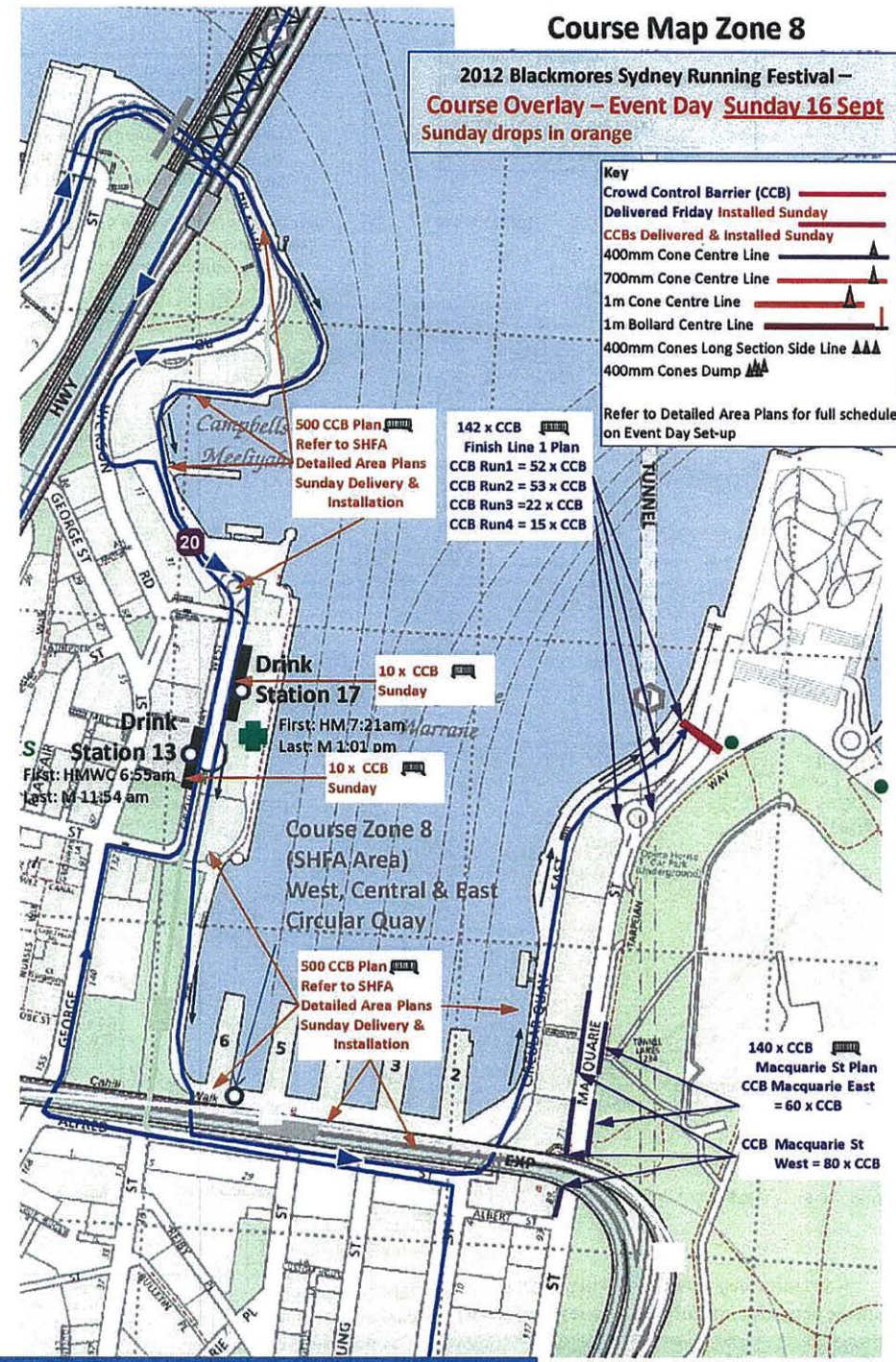
Course Zone 7b  
(Course West)  
Pyrmont



## 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

## 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

TCPs 150, 151, 152, 153 and 163 are located further north on the Warringah Freeway



**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

Erskine 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 Erskine St & King St and Four Points Hotel

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

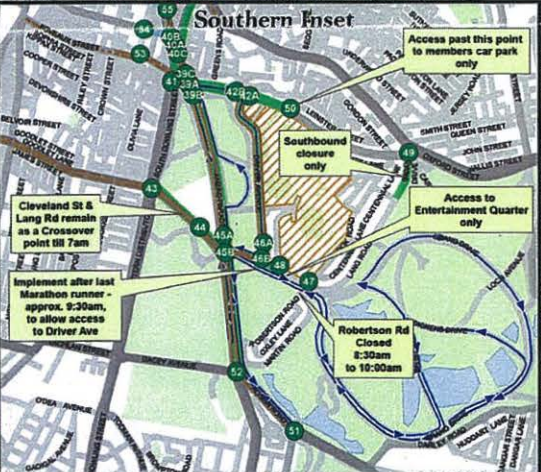
Access to King St Wharf & Cockle Bay Wharf for Residents & Tenants

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

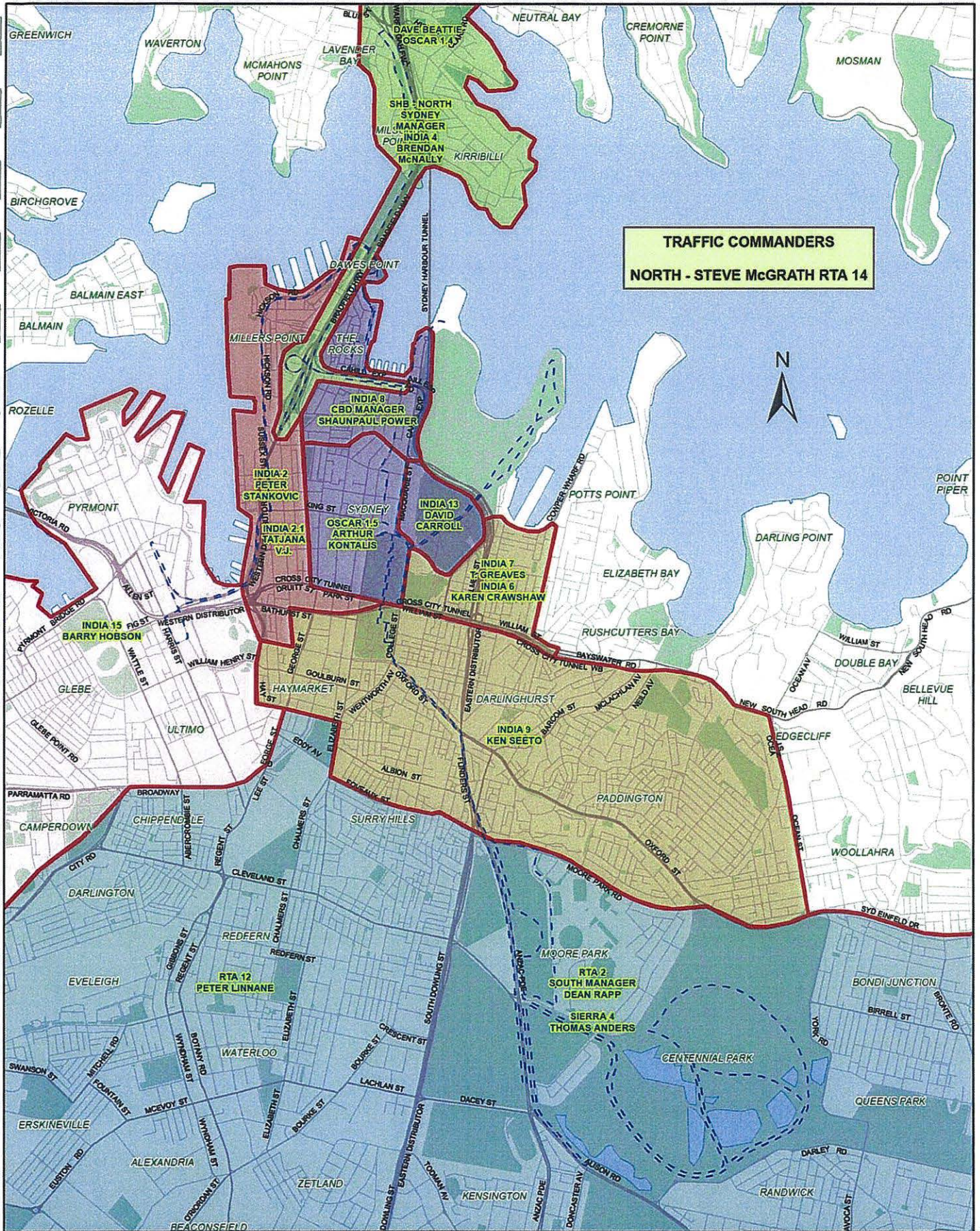
Access to Pyrmont St south of Quarry St 4am - 1:30pm

Temporary Bridge

## Southern Inset



# Sydney Running Festival 2012 Marathon - Sun 16 Sept 2012



**TRAFFIC COMMANDERS**  
**NORTH - STEVE McGRATH RTA 14**

Patrol Areas	
<span style="color: green;">■</span>	SHB-NORTH SYDNEY
<span style="color: blue;">■</span>	CITY SOUTH
<span style="color: purple;">■</span>	CBD
<span style="color: pink;">■</span>	PYRMONT
<span style="color: red;">■</span>	CITY WEST
<span style="color: brown;">■</span>	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**

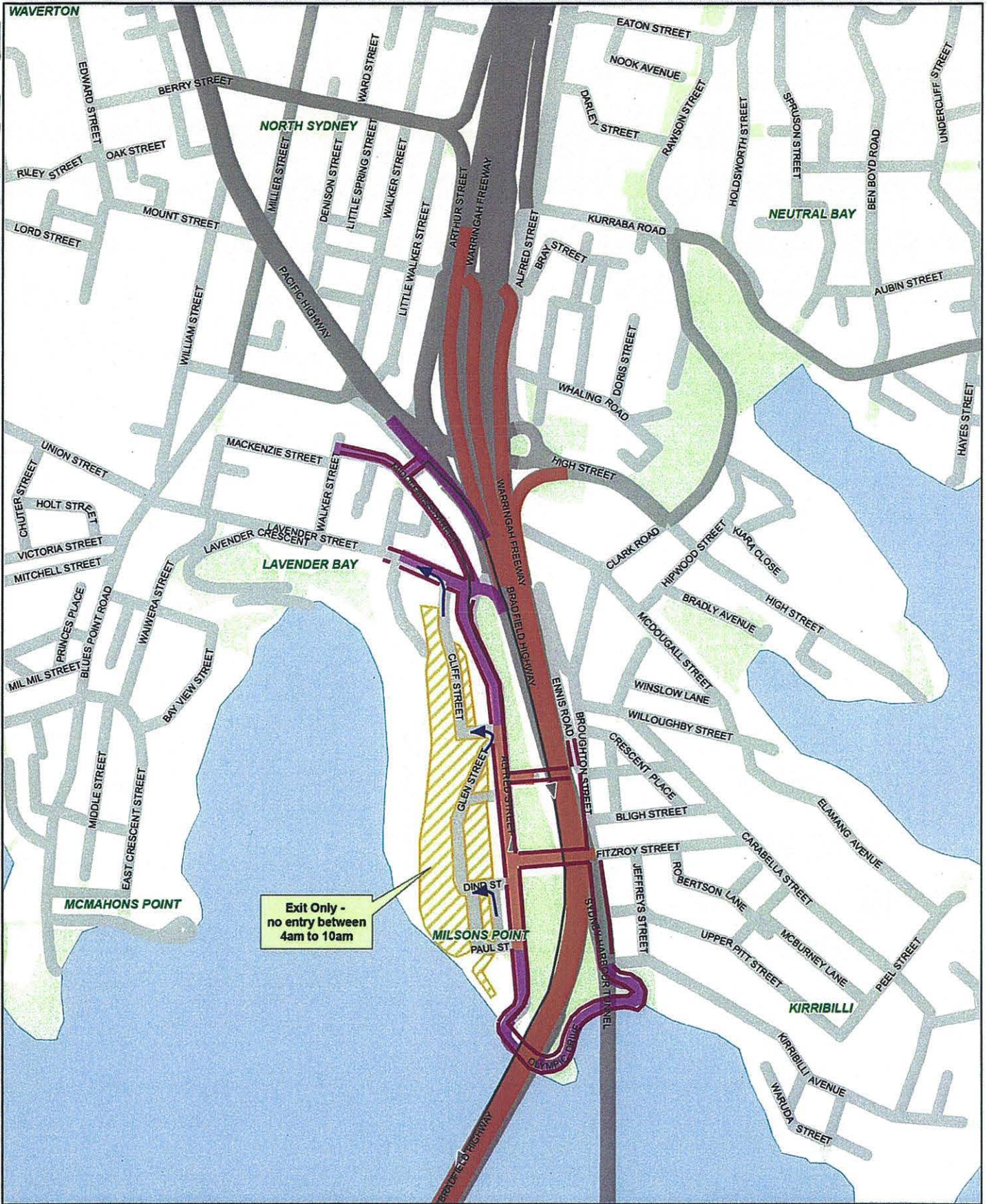
- Marathon Route
- Major Detour Route
- Minor Detour Route
- - - Wheelchair Return Route



0 100 200 400 600 800 1,000  
Metres

Map by Major Events Section, Transport Management Centre Eveleigh NSW.  
Scale 1:50,000 © 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



Exit Only - no entry between 4am to 10am

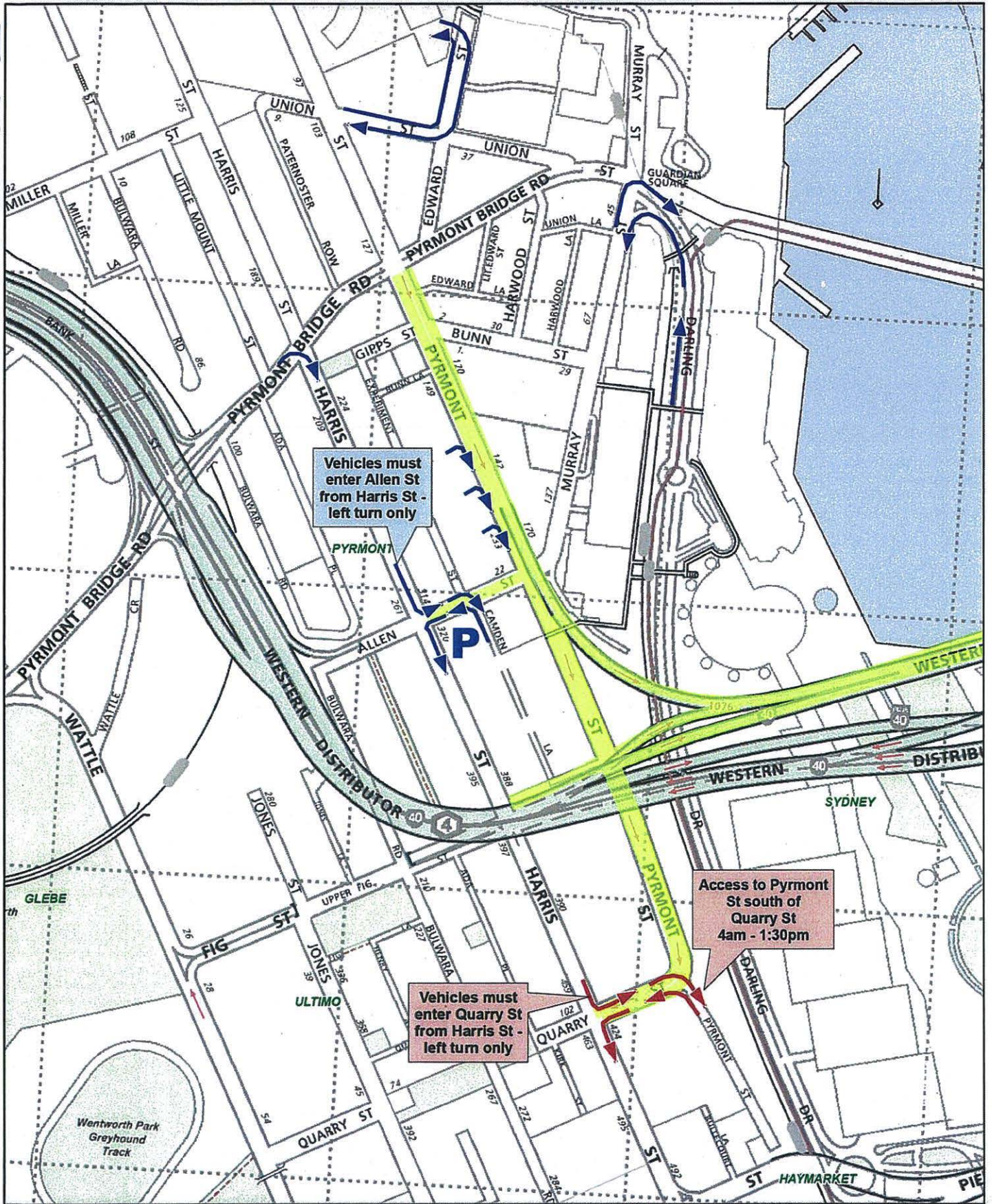
**Legend**

- 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**

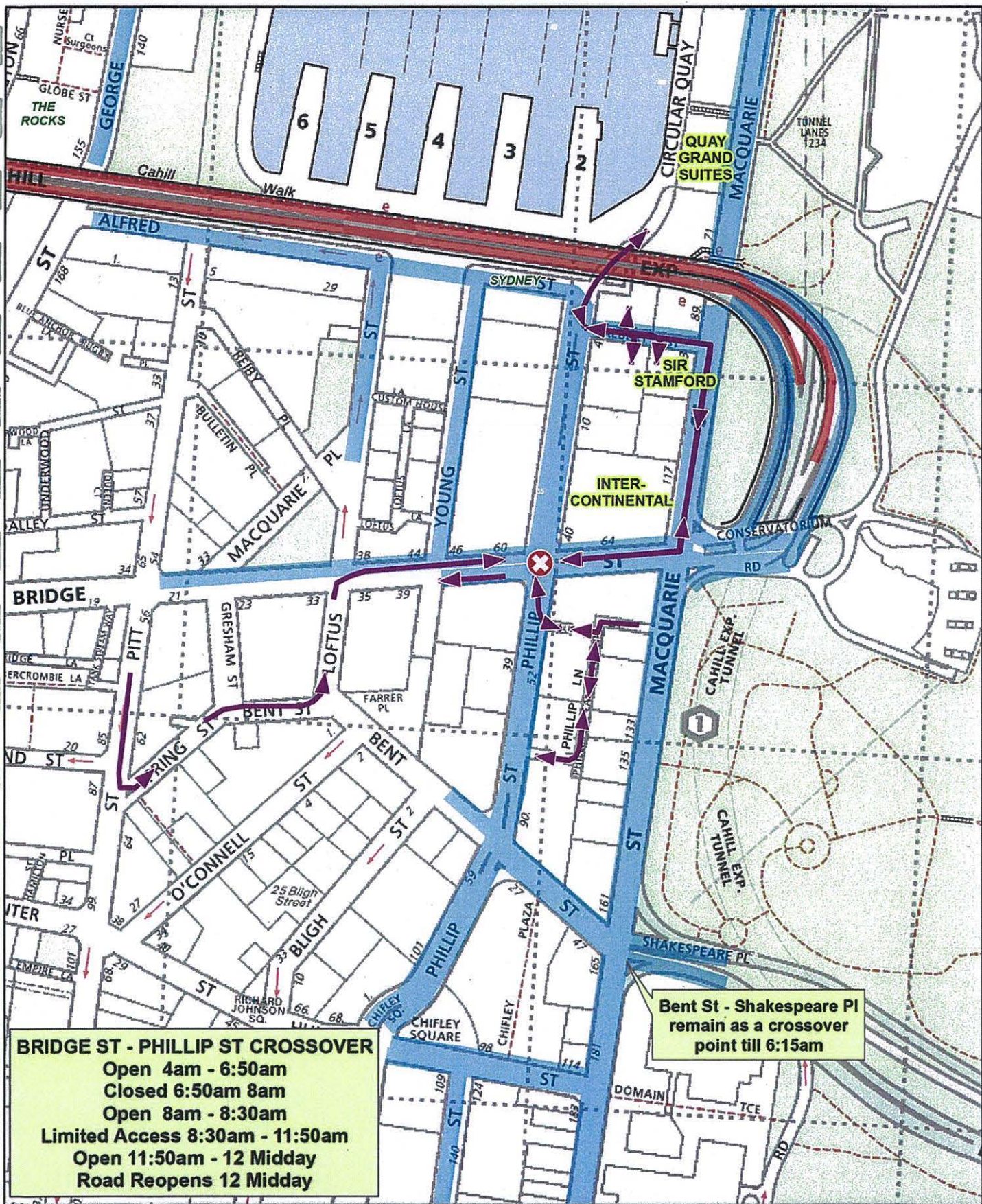
- Allen St Access
- Road Closure 4am-1:30pm
- Quarry St Access



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Map by Transport Operations Systems, Transport Management Centre Evolveigh NSW  
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 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

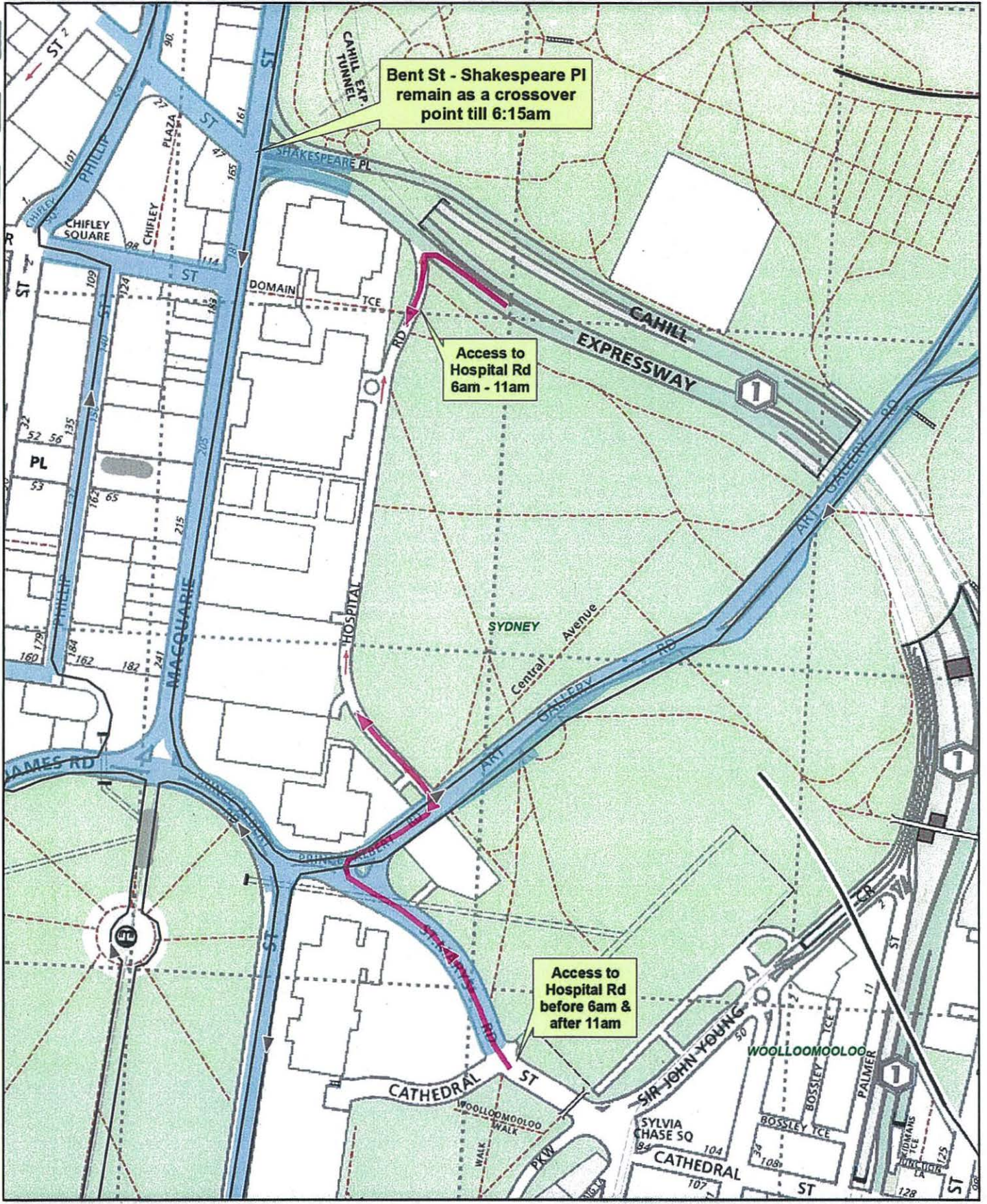
**Legend**

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



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 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

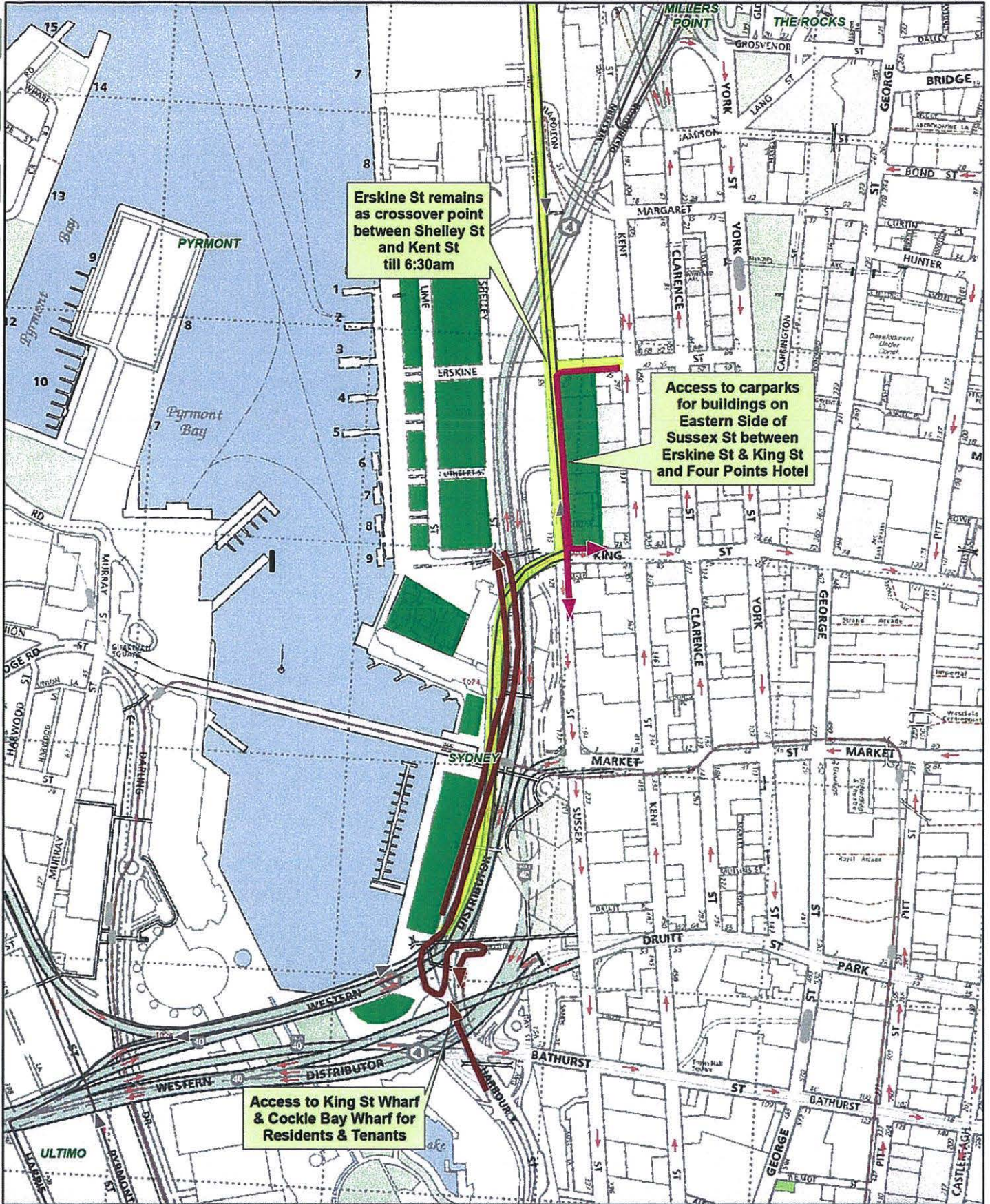


Scale: 0 50 100 200 Meters

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 Date issued: June 2012.  
 File: 1102 Projects\A70015.mxd\Marathon12-AS-HospitalAccess.mxd

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



**Legend**

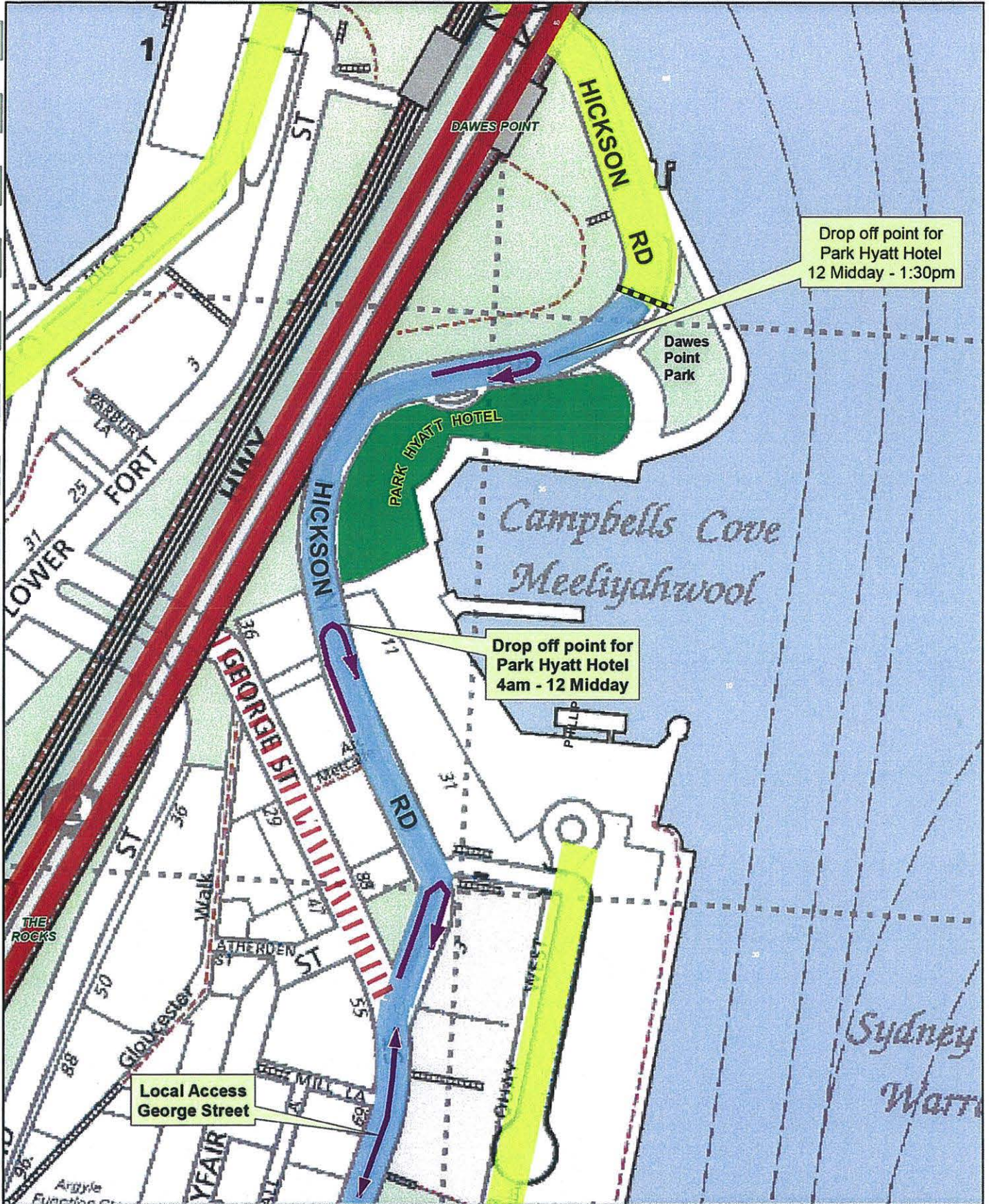
- Wheat Rd access
- Building Access on Sussex St & Access to Four Points Hotel
- Areas requiring access
- Road Closure 4am-1:30pm
- Marathon Route



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 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 - Rocks Markets
- Road Closure 4am-12 Midday
- Road Closure 4am-1:30pm

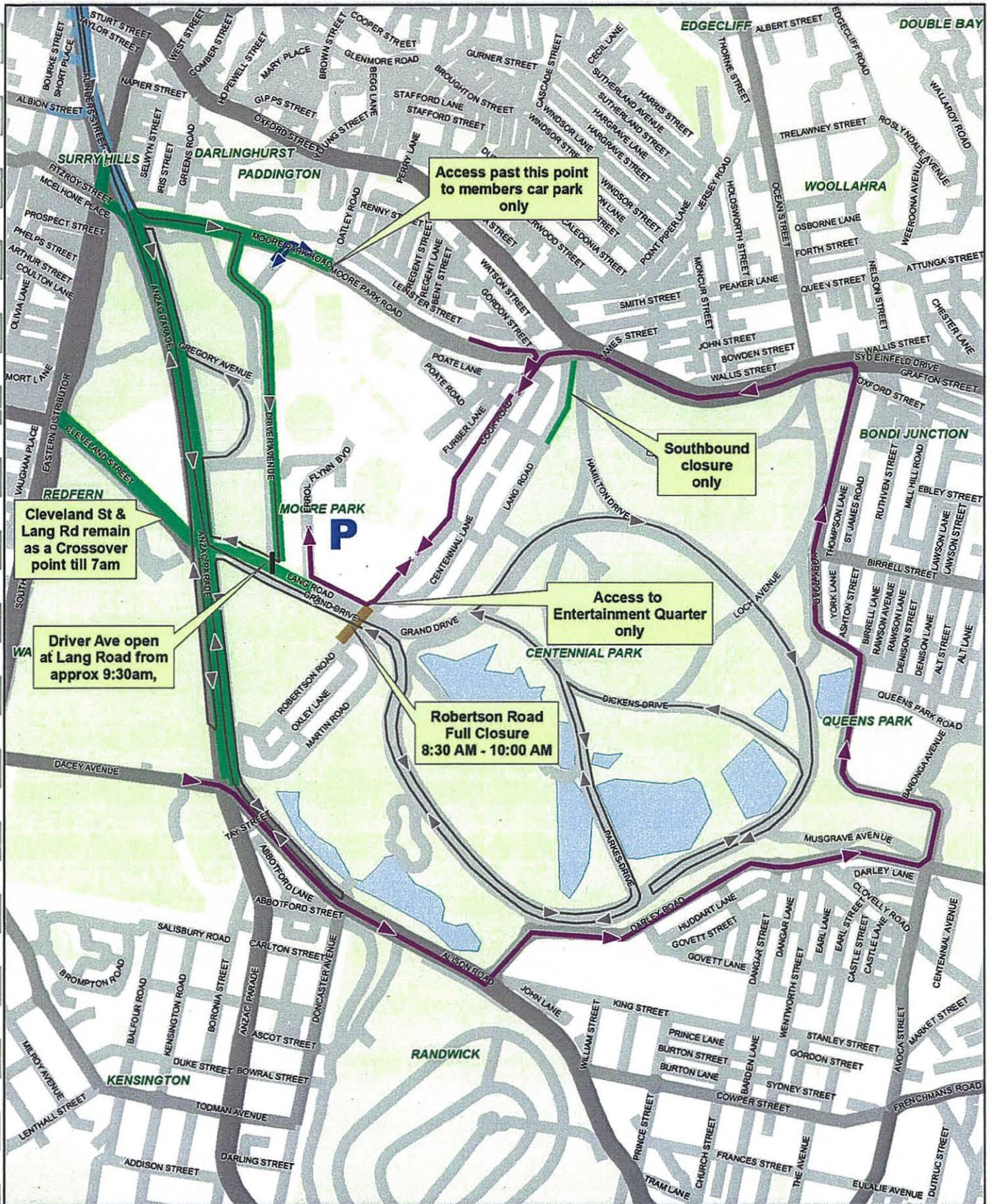


Scale: 0 25 50 100 meters

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File: 19.2 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.  
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 Date issued: July 2012.  
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# Sydney Running Festival

16/09/2012

Aaron Gale

Portable VMS

VMS Location	Size	MESSAGES				
<b>VMS 1</b> 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
<b>VMS 2</b> 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
<b>VMS 3</b> 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
<b>VMS 4</b> 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
<b>VMS 5</b> 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 1: SYDNEY MARATHON TODAY  Frame 2: CBD ROAD CLOSURES
<b>VMS 6</b> 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 1: SYDNEY MARATHON TODAY  Frame 2: CBD ROAD CLOSURES

VMS Location	Size	MESSAGES				
<b>VMS 7</b> <b>Berry St</b> <b>North Sydney</b> 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 2: < DETOUR MILLER & TUNNEL	Frame 1: SYDNEY MARATHON TODAY  Frame 2: CBD ROAD CLOSURES
<b>VMS 8</b> <b>High St</b> <b>North Sydney</b> 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: DETOUR TO HBR TUNNEL	
<b>VMS 9</b> <b>Lavender St</b> <b>North Sydney</b> 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 2: LIVE TRAFFIC .COM	Frame 1: SYDNEY MARATHON 16 SEPT  Frame 2: ALFRED CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON SUNDAY  Frame 2: ALFRED CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON TODAY  Frame 2: ROAD CLOSED AHEAD	Frame 1: SYDNEY MARATHON SUNDAY  Frame 2: ALFRED CLOSED 4AM-11AM
<b>VMS 10</b> <b>Wattle St</b> <b>Ultimo</b> 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 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: DETOUR VIA ANZAC BR	Frame 1: SYDNEY MARATHON TODAY  Frame 2: CITY VIA DARLING DRIVE
<b>VMS 11</b> <b>Fig St</b> <b>Ultimo</b> 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 2: LIVE TRAFFIC .COM	Frame 1: SYDNEY MARATHON 16 SEPT  Frame 2: FIG ST ON-RAMP CLOSED	Frame 1: SYDNEY MARATHON SUNDAY  Frame 2: FIG ST ON-RAMP CLOSED	Frame 1: RAMP CLOSURE AHEAD  Frame 2: DETOUR ANZAC BR ←	Frame 1: RAMP CLOSED 4AM-1:30PM  Frame 2: HARBOUR BRIDGE DETOUR→
<b>VMS 12</b> <b>Alison Rd</b> <b>Randwick</b> 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 2: ANZAC PDE CLOSED 6-11:30AM	Frame 1: SYDNEY MARATHON SUNDAY  Frame 2: ANZAC PDE CLOSED 6-11:30AM	Frame 1: ANZAC PDE CLOSED AHEAD	Frame 1: SYDNEY MARATHON TODAY  Frame 2: CBD ROAD CLOSURES

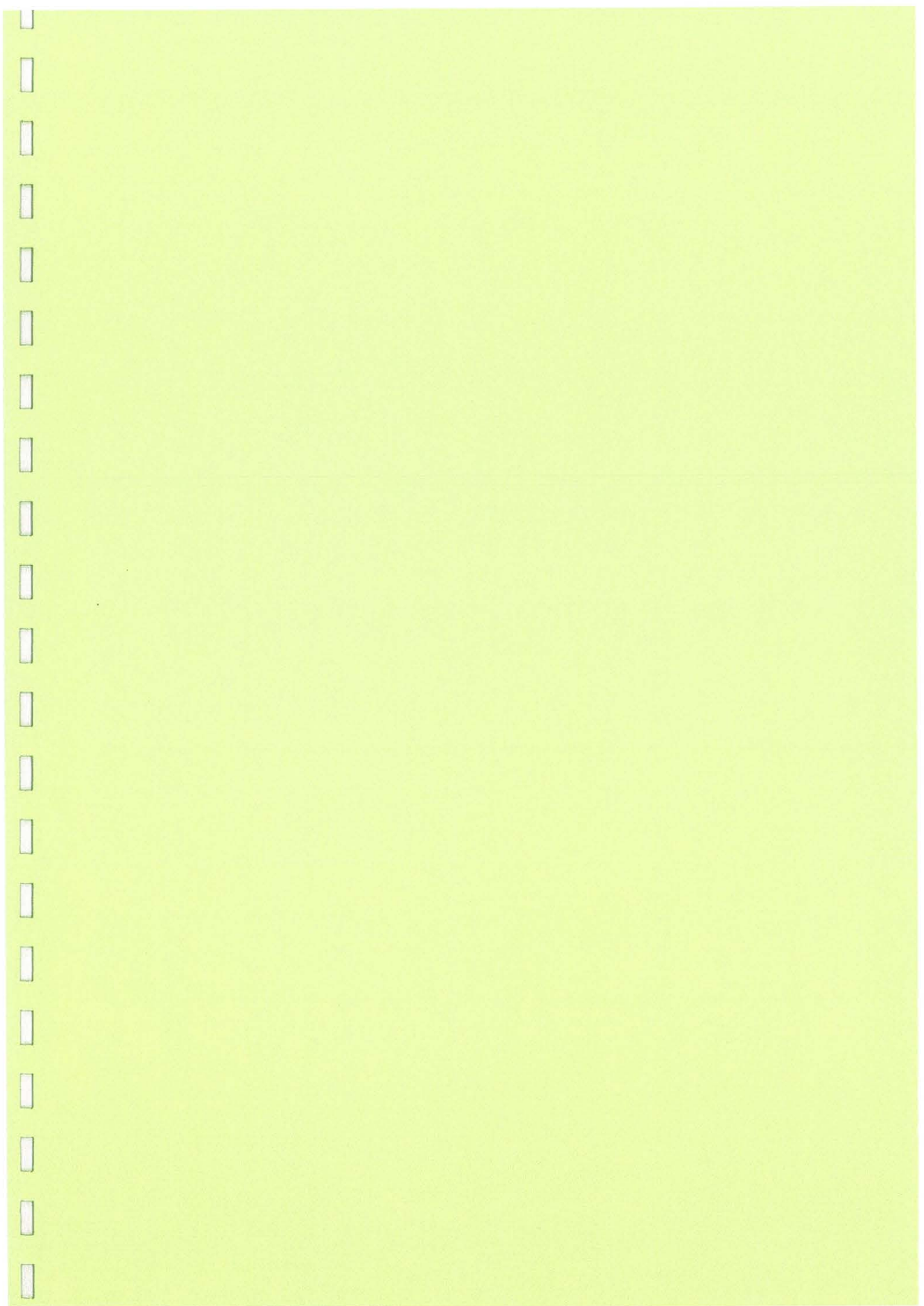
VMS Location	Size	MESSAGES				
<b>VMS 13</b>  <b>Western Distributor on ramp from Kent St &amp; Clarence St facing Northbound traffic</b> Locate at the concrete merge between the northbound traffic from Clarence St and northbound traffic from the Western Distributor *Lower VMS board as low as possible	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
<b>VMS 14</b>  <b>New South Head Rd Rushcutters Bay</b> 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
<b>VMS 15</b>  <b>New South Head Rd Edgecliff</b> 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
<b>VMS 16</b>  <b>Oxford St Paddington</b> 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
<b>VMS 17</b>  <b>Anzac Parade Kensington</b> 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: DETOUR VIA DACEY AVE
<b>VMS 18</b>  <b>Oxford St Darlinghurst</b> 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
<b>VMS 19</b>  <b>Oxford St Paddington</b> 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 2: OXFORD ST TOWING FROM 4AM
				Frame 3: CHECK BEFORE PARKING	Frame 1: SYDNEY MARATHON TODAY	Frame 1: SYDNEY MARATHON TODAY
					Frame 2: CBD ROAD CLOSURES AHEAD	Frame 2: CBD ROAD CLOSURES AHEAD

VMS Location	Size	MESSAGES				
<b>VMS 20</b> <b>City West Link</b> <b>Haberfield</b> 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
<b>VMS 21</b> <b>Miller St</b> <b>Cammeray</b> 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
<b>VMS 22</b> <b>Warringah Rd</b> <b>Roseville</b> 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
<b>VMS 23</b> <b>Elizabeth St</b> <b>Sydney</b> 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
<b>VMS 24</b> <b>Pittwater Rd</b> <b>Dee Why</b> 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
<b>VMS 25</b> <b>Clive St</b> <b>Roseville Chase</b> 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
<b>VMS 26</b> <b>George St</b> <b>Sydney</b> 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

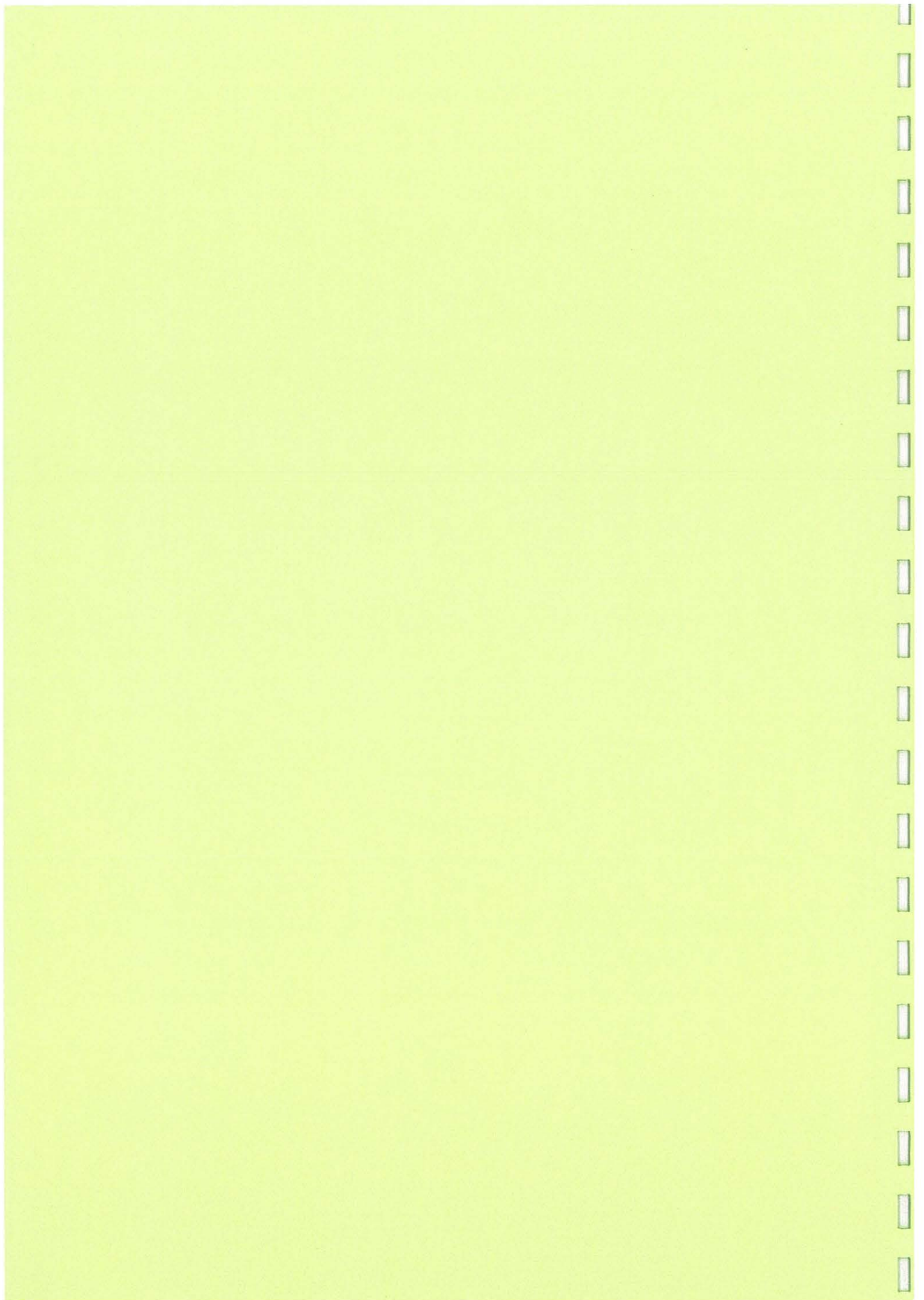
VMS Location	Size	MESSAGES				
<b>VMS 27</b> <b>Archbold Rd</b> <b>Roseville</b> Approaching Boundary St Facing Southbound traffic	LARGE	Frame 1: MARATHON 15 DAYS TO GO  Frame 2: HARBOUR BR CLOSED .16 SEPT	Frame 1: SYDNEY MARATHON 16 SEPT  Frame 2: HARBOUR BR CLOSED 4AM-11AM	Frame 1: SYDNEY MARATHON 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
<b>VMS 28</b> <b>Prince Albert Rd</b> <b>Botanical Gardens</b> 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
<b>VMS 29</b> <b>York St</b> <b>CBD</b> 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
<b>VMS 30</b> <b>Cowper Wharf Rd</b> <b>Woolloomooloo</b> 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
<b>VMS 31</b> <b>Riley St</b> <b>Woolloomooloo</b> 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
<b>VMS 32</b> <b>Pacific Hwy</b> <b>Artarmon</b> 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				
<b>VMS 33</b> 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)
<b>VMS 34</b> 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
<b>VMS 35</b> 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
<b>VMS 36</b> 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
<b>VMS 37</b> 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	
<b>VMS 38</b> 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				
<b>VMS 39</b> <b>Oxford St</b> <b>Paddington</b> 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	
<b>VMS 40</b> <b>Oxford St</b> <b>Paddington</b> 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	
<b>VMS 41</b> <b>Park St</b> <b>Sydney</b>  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			
<b>VMS 42</b> <b>Park St</b> <b>Sydney</b>  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			
<b>SUPPLIED BY DAVID</b> <b>NOLAN</b> <b>(COATES DO NOT SUPPLY)</b>					16/09 / 6AM 16/09 / 10:59AM (ON THE DAY)	16/09 / 11AM 16/09 / 12PM (ON THE DAY)
<b>VMS 43</b> <b>St Mary's Rd</b> <b>Sydney</b> 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
<b>VMS 44</b> <b>Princes Hwy</b> <b>Tempe</b> 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	
<b>VMS 45</b> <b>Sir John Young Cres,</b> <b>W'mooloo</b> 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

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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

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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

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

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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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	

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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

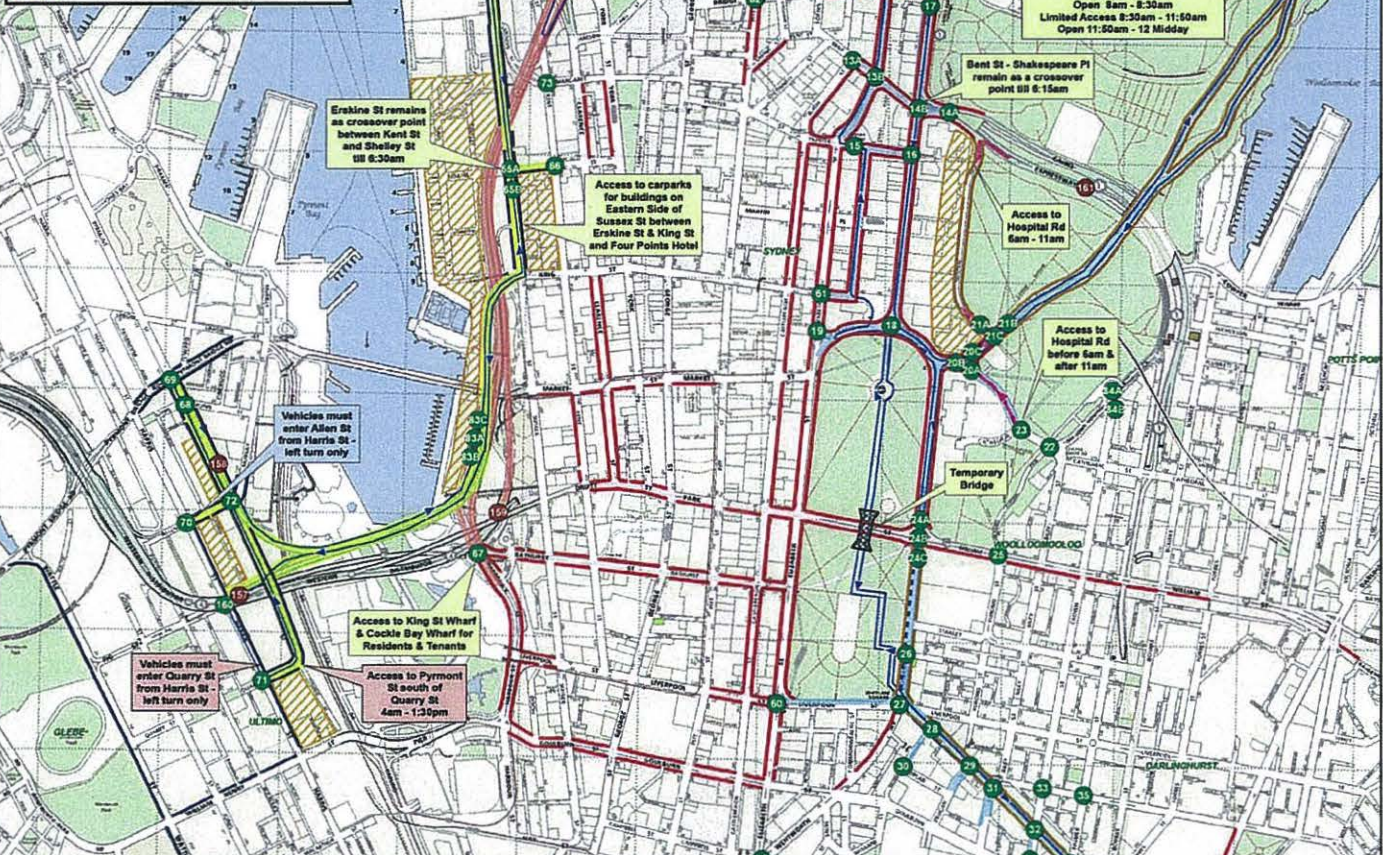
TCP's 150, 151, 152, 153 and 163 are located further north on the Warringah Freeway



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



**Southern Inset**

**Callout Boxes:**

- 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	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 <b>CONTINGENCY</b>	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 <b>CONTINGENCY</b>	----	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	

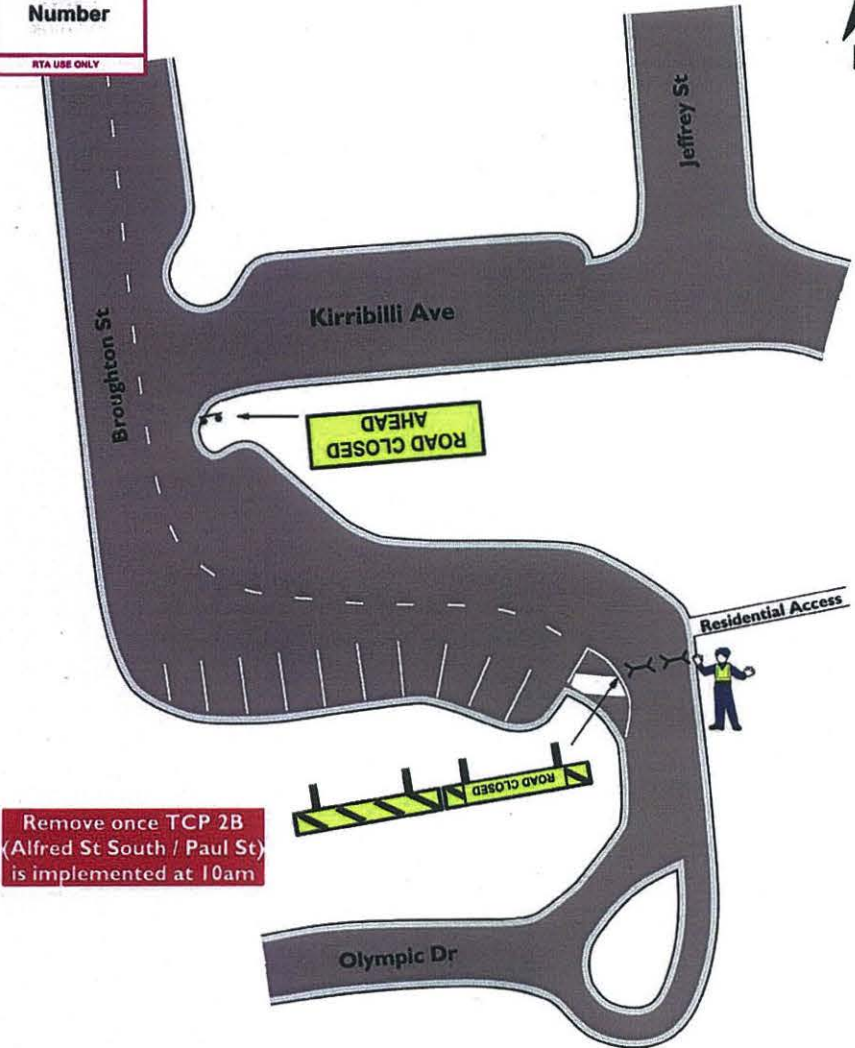
### TCP Detail - Times and Crews

	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

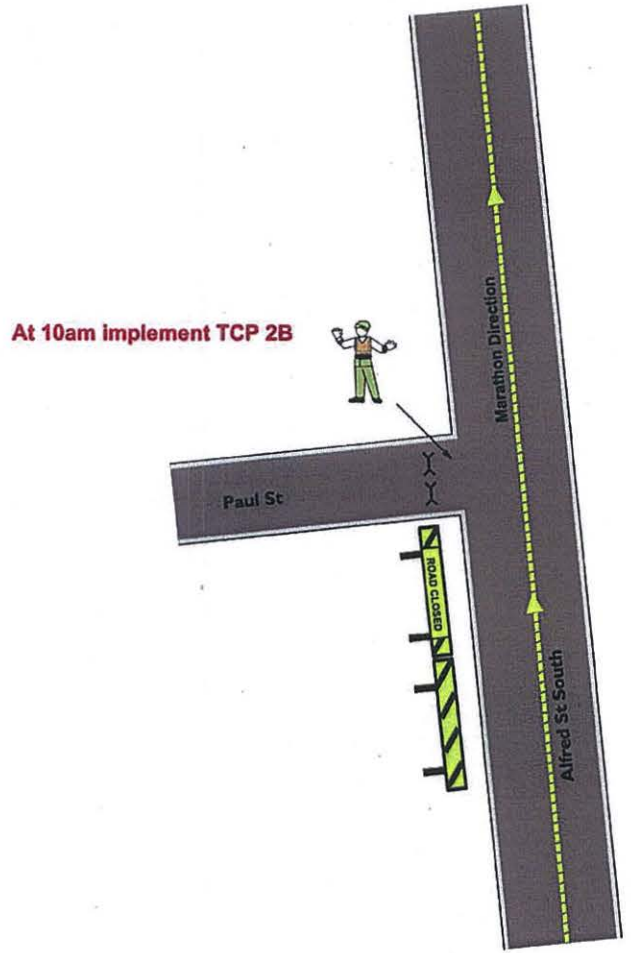
**Crew Number**  
RTA USE ONLY



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

TCP No.: <b>1</b>		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

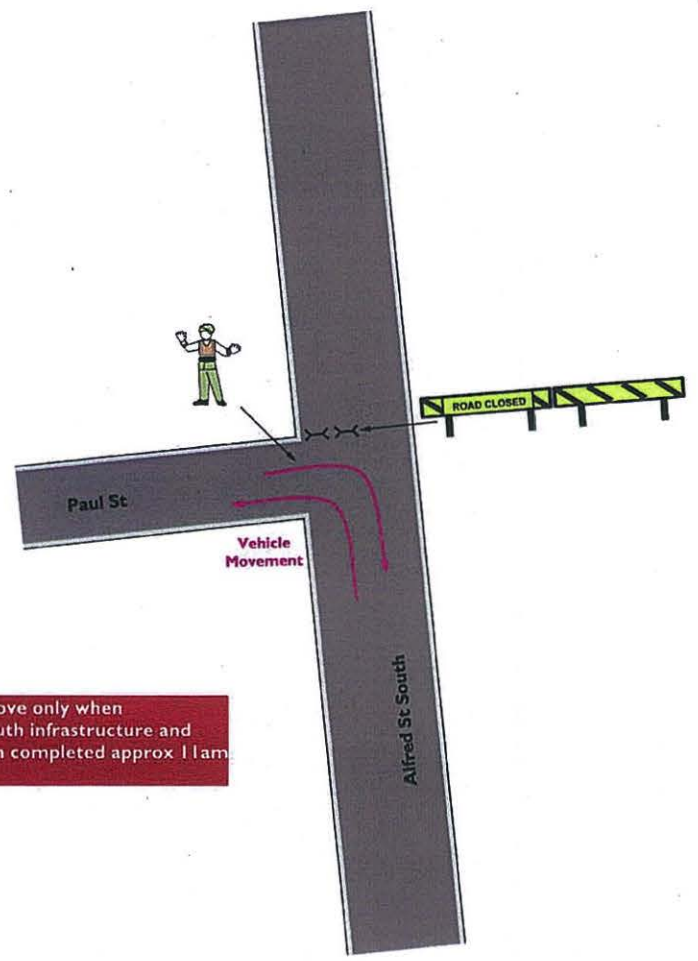


At 10am implement TCP 2B

TCP No.: <b>2A</b>		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



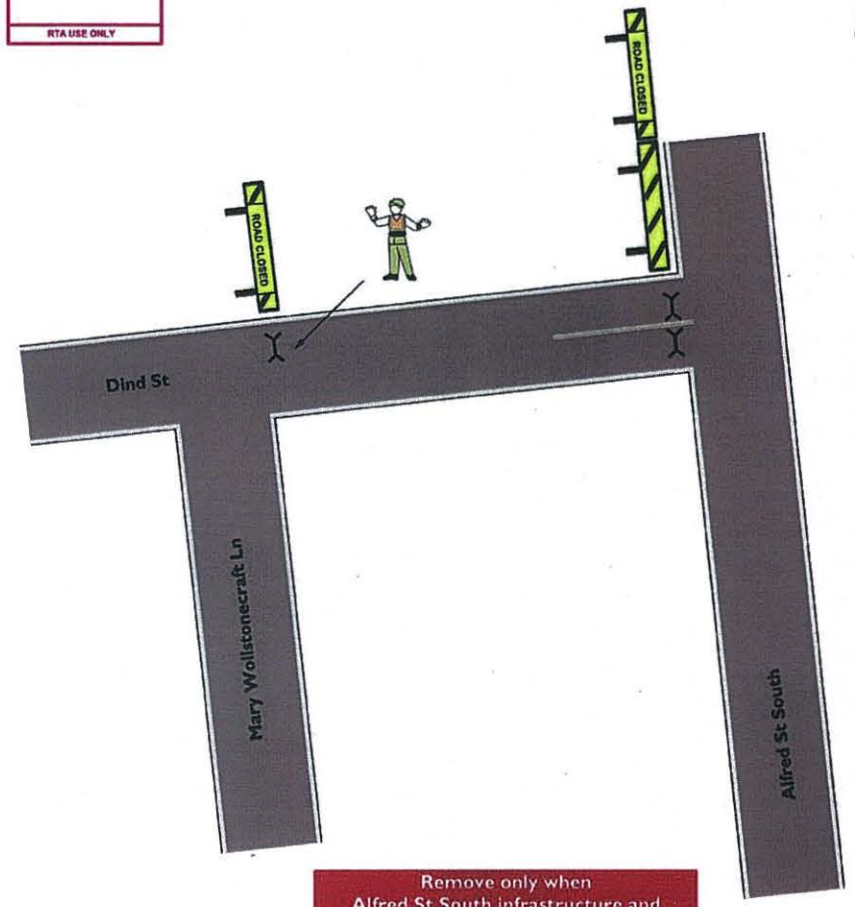
**Crew Number**  
RTA USE ONLY



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

TCP No.: <b>2B</b>		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

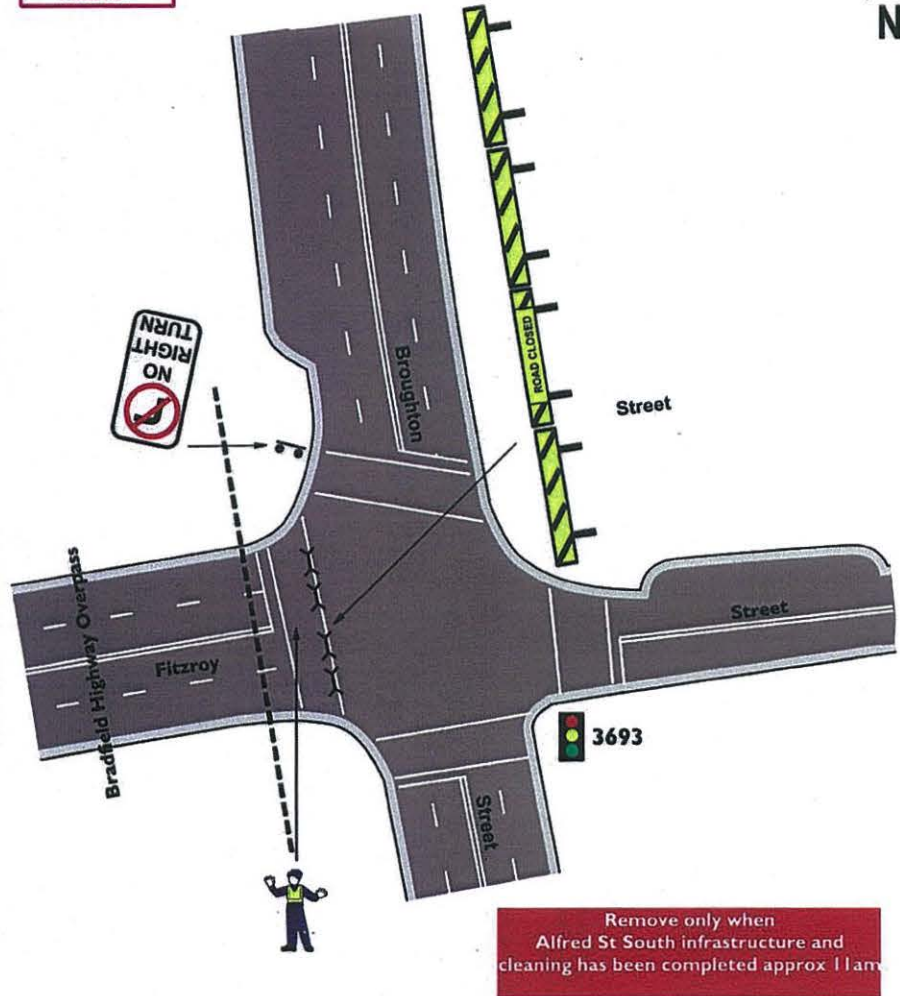
**Crew Number**  
RTA USE ONLY



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

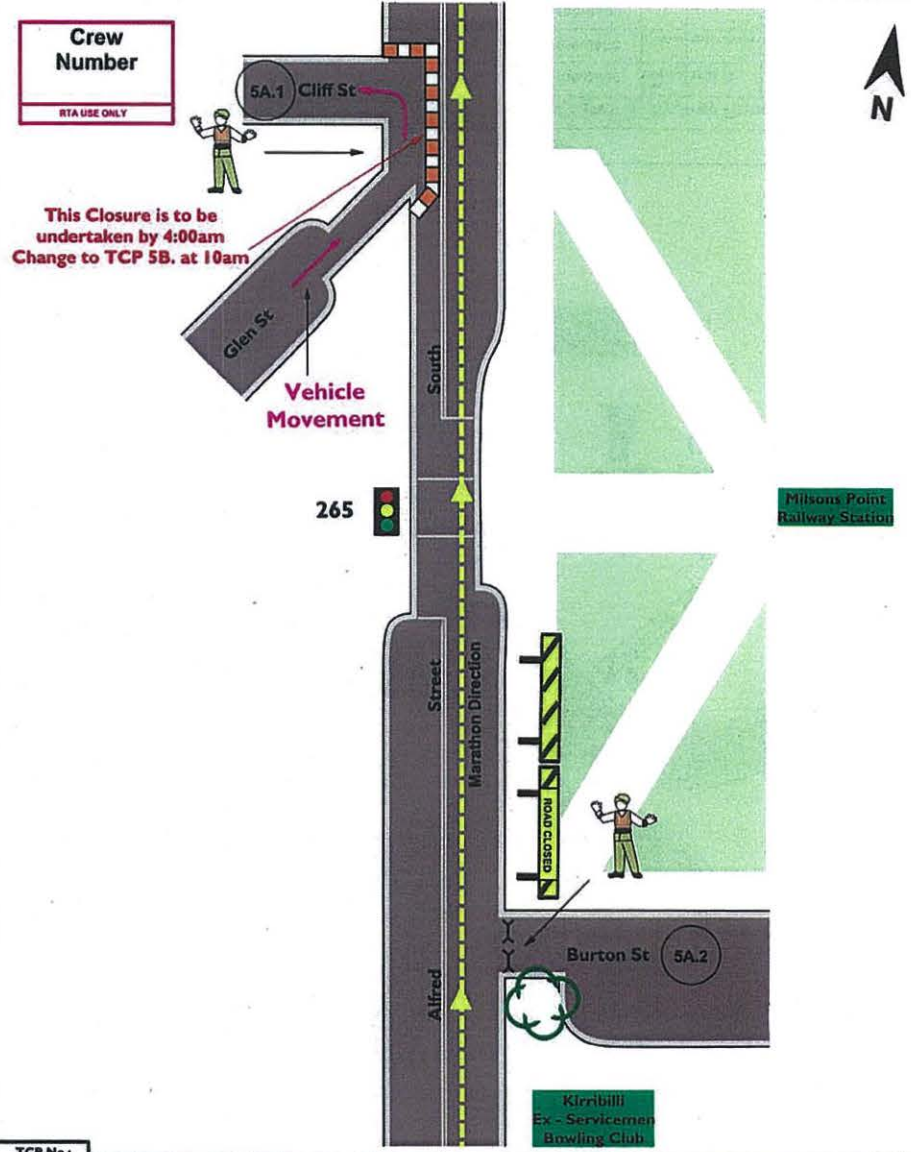
TCP No.: <b>3</b>		Closure of Dind St at Alfred St South, Milsons Point Half Closure of Dind St Eastern Side of Mary Wollstonecraft Ln, Milsons Point			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12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

**Crew Number**  
RTA USE ONLY



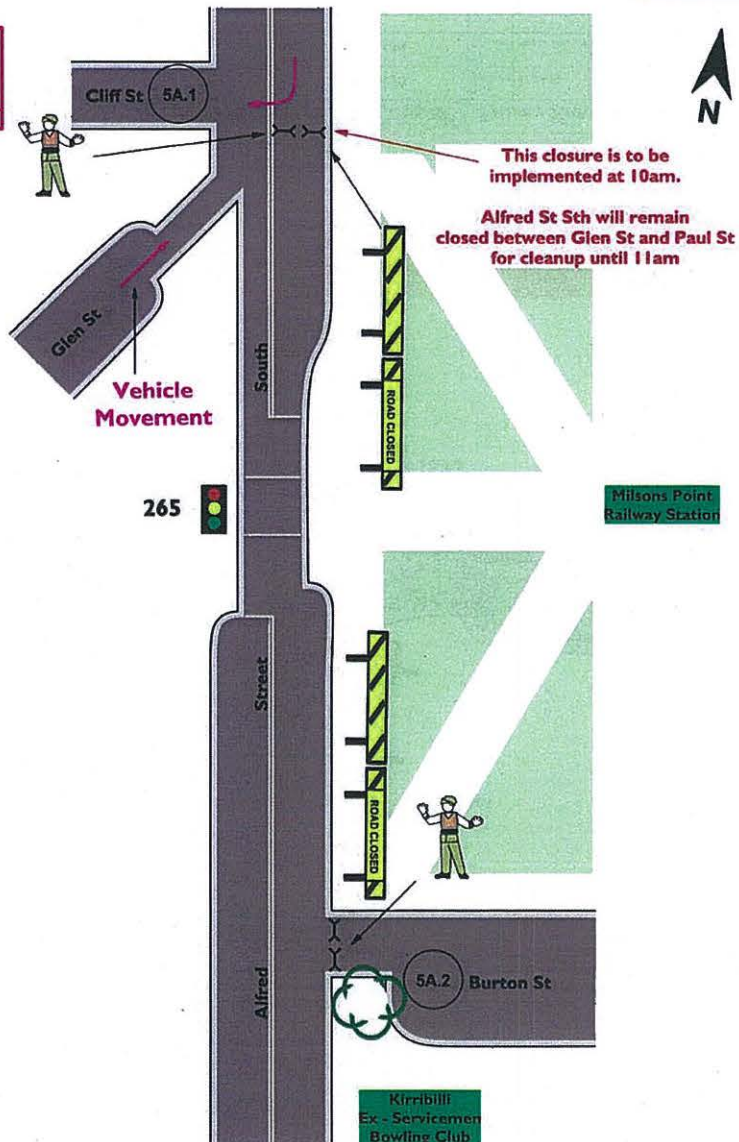
TCP No.: <b>4</b>		Full Closure Fitzroy St western side of Broughton St, Kirribilli				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12	
POLICE	1	Maintain closure	Monitor traffic flow	0400	Drawn: Major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

**Crew Number**  
RTA USE ONLY



TCP No.: <b>5A</b>		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.: <b>5B</b>	Full Road Closure Burton St at Alfred St & Alfred St Sth southbound at Cliff St, Milson Point				
<b>AGENCY</b>	<b>STAFF NO.</b>	<b>PRIMARY TASK</b>	<b>SECONDARY TASK</b>	<b>TIMES</b>	<b>Sydney Running Festival</b>
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

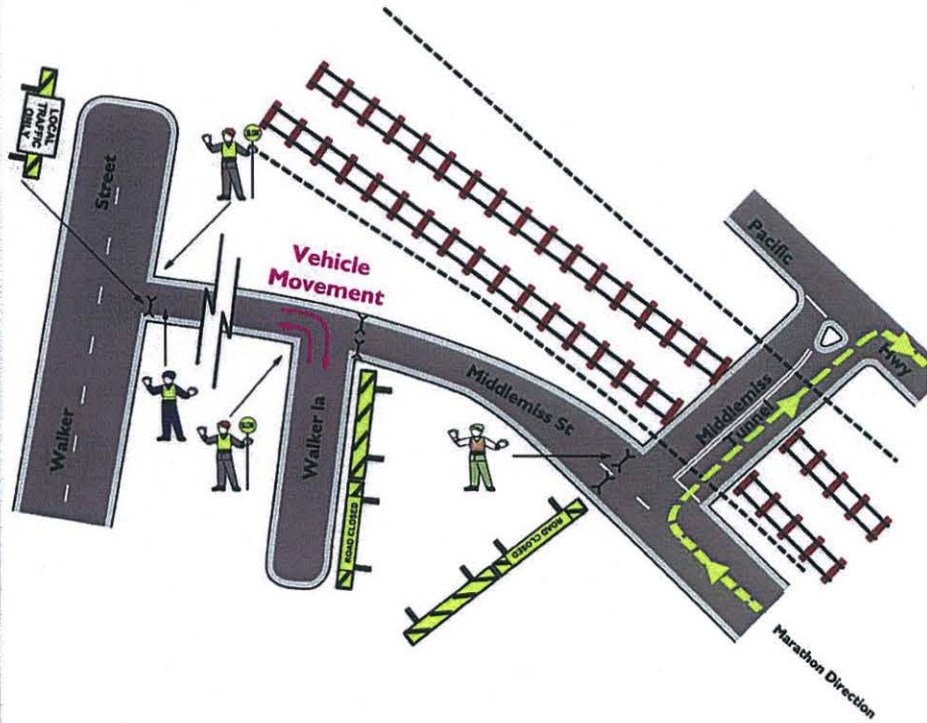


**This Closure is to be undertaken by 4:00am and removed by 6:00am once TCP 8 is implemented**

TCP No.: <b>6</b>	Half Closure of Alfred St Southern Side of Lavender St, Lavender Bay				
<b>AGENCY</b>	<b>STAFF NO.</b>	<b>PRIMARY TASK</b>	<b>SECONDARY TASK</b>	<b>TIMES</b>	<b>Sydney Running Festival</b>
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



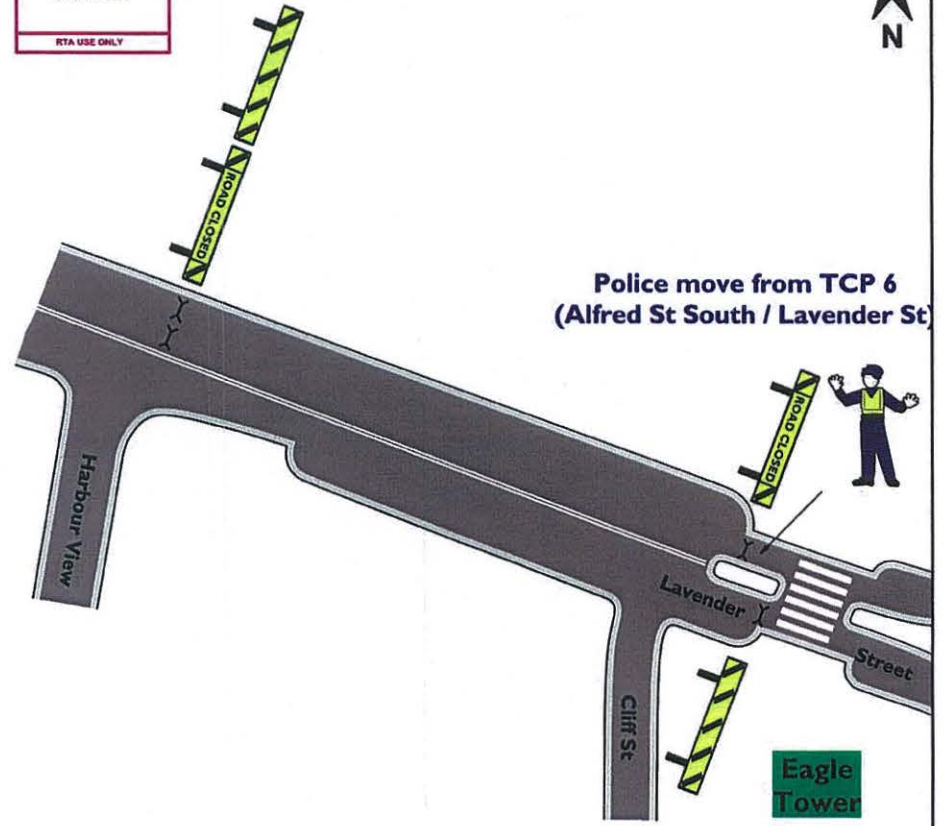
**Crew Number**  
RTA USE ONLY



TCP No.: <b>7</b>		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

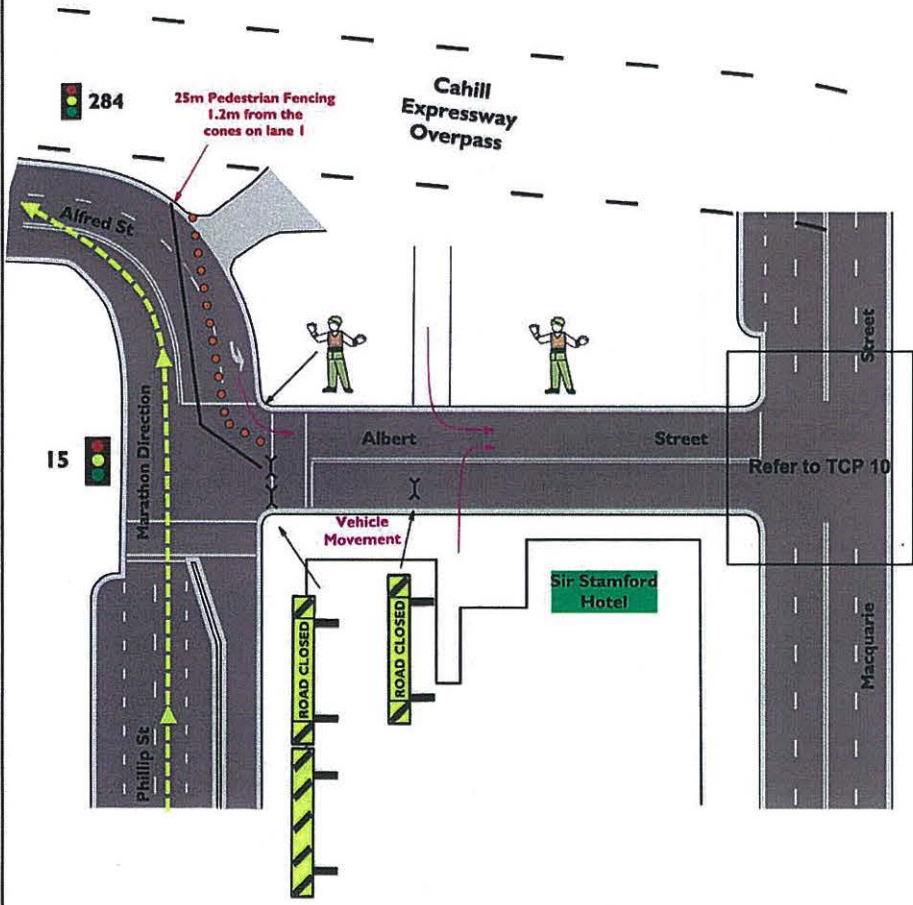


**This Closure is to be undertaken by 6:00am**

TCP No.: <b>8</b>		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

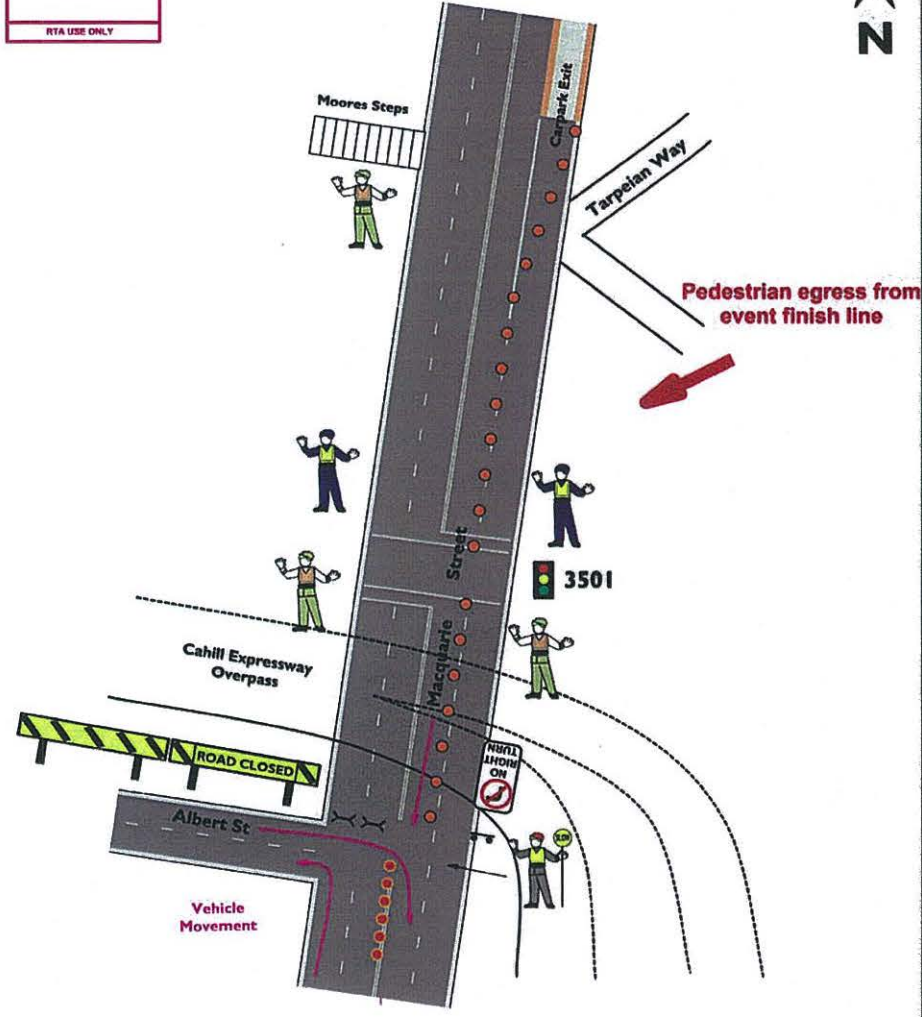


**Crew Number**  
RTA USE ONLY



TCP No.:	<b>9</b>				
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
					Transport Management Centre

**Crew Number**  
RTA USE ONLY



TCP No.:	<b>10</b>				
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
					Transport Management Centre

**Crew Number**  
RTA USE ONLY

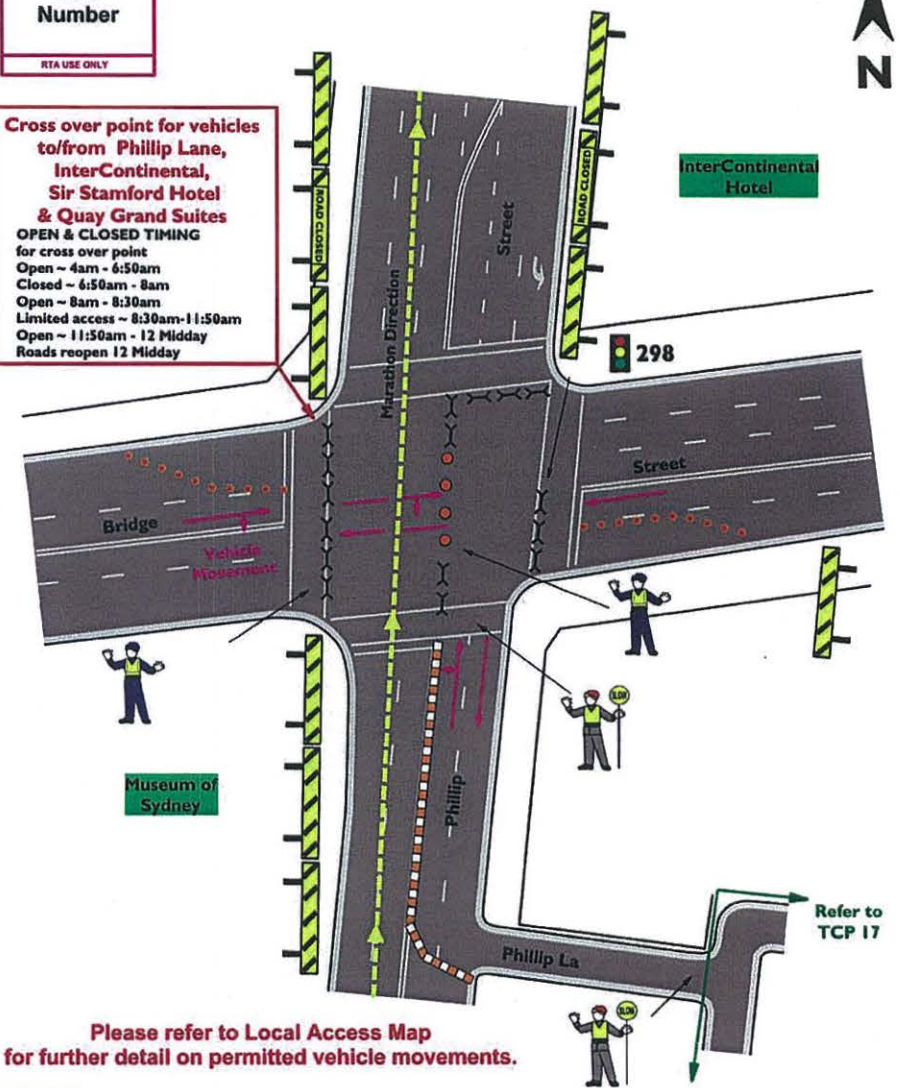
**Remove existing closure (TCP SHB 162) put in by SHB crews by 6:00am**



TCP No.: <b>11</b>		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

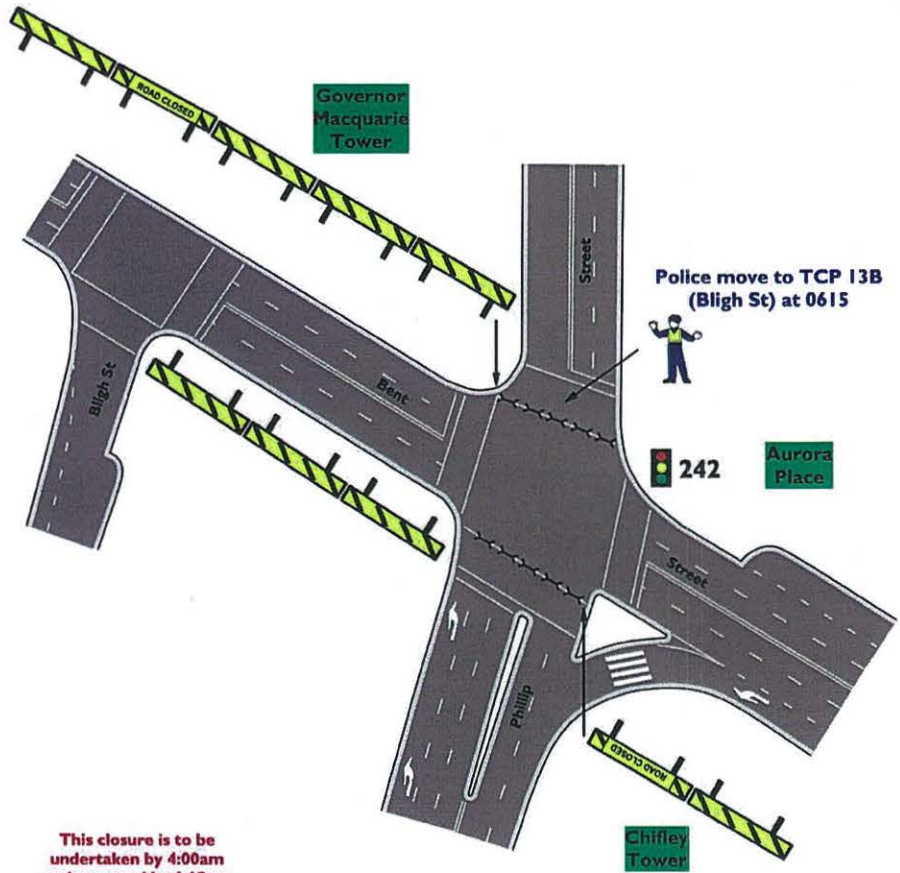
**Cross over point for vehicles to/from Phillip Lane, InterContinental, Sir Stamford Hotel & Quay Grand Suites**  
**OPEN & CLOSED TIMING**  
for cross over point  
Open ~ 4am - 6:50am  
Closed ~ 6:50am - 8am  
Open ~ 8am - 8:30am  
Limited access ~ 8:30am-11:50am  
Open ~ 11:50am - 12 Midday  
Roads reopen 12 Midday



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

TCP No.: <b>12</b>		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



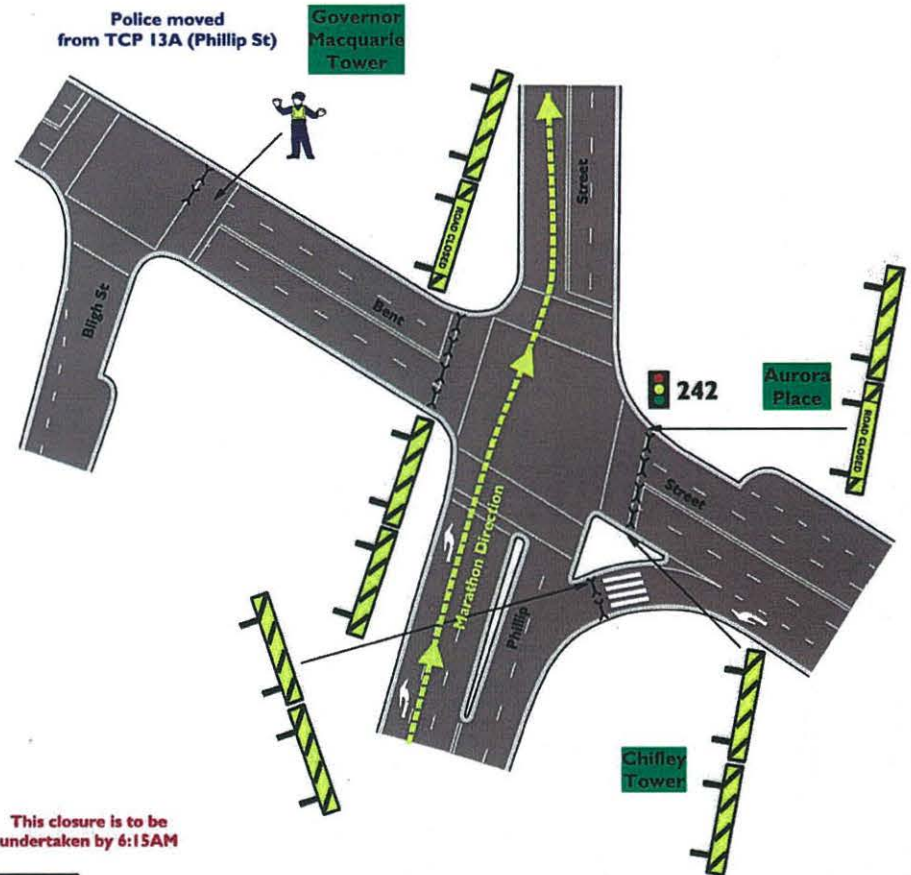
This closure is to be undertaken by 4:00am and removed by 6:15am once 13B & 14B are implemented

**EAST/WEST CROSSING POINT UNTIL 6:15AM**

TCP No.: <b>13A</b>		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



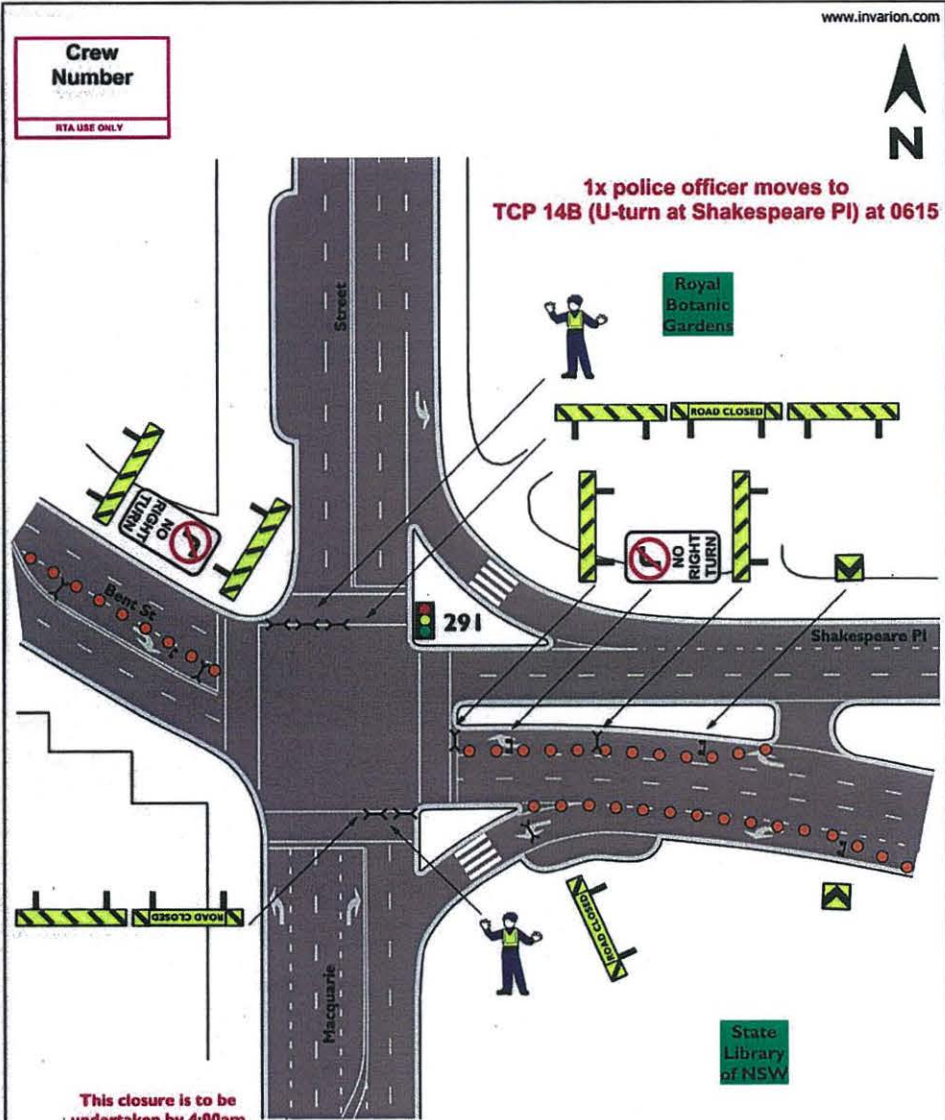
**Crew Number**  
RTA USE ONLY



This closure is to be undertaken by 6:15AM

TCP No.: <b>13B</b>		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



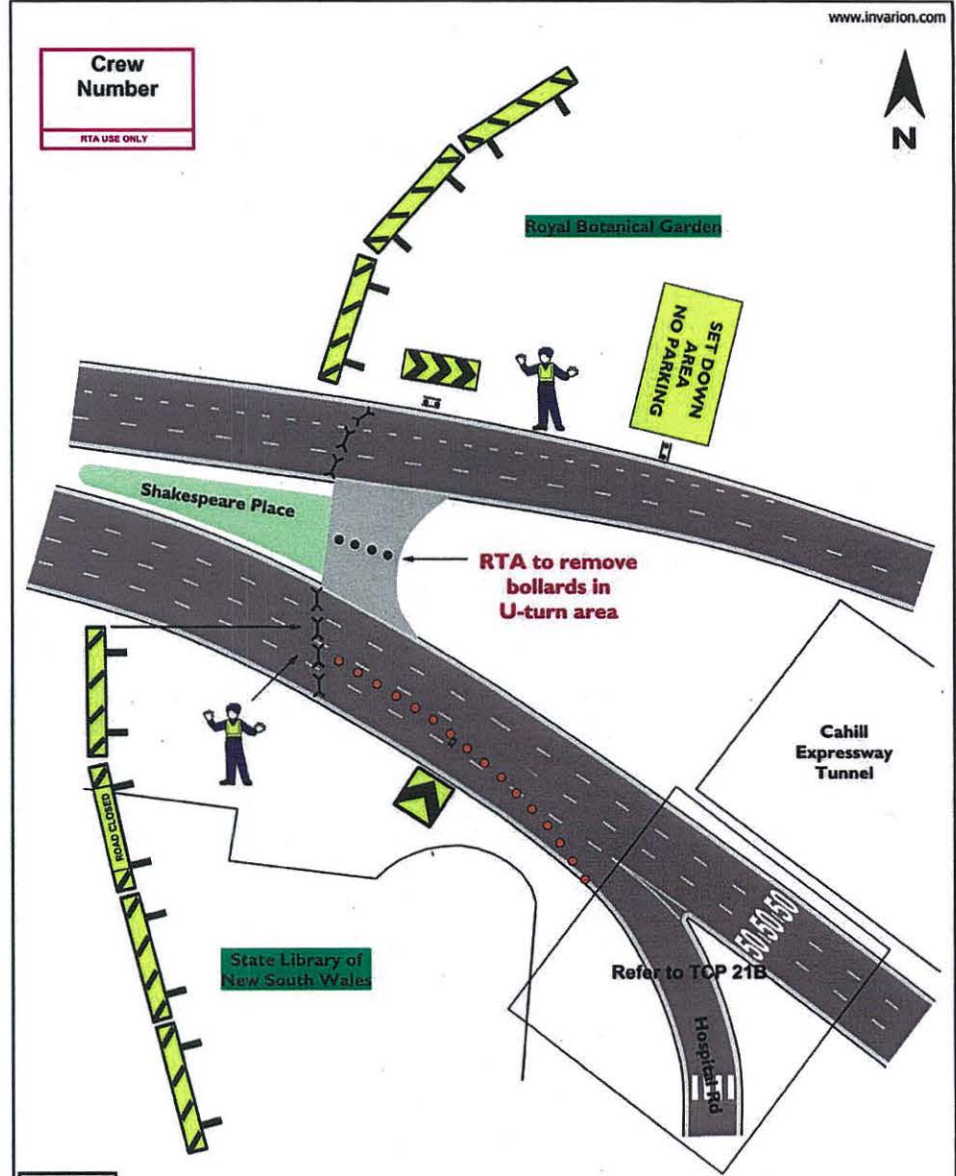


1x police officer moves to TCP 14B (U-turn at Shakespeare PI) at 0615

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: <b>I4A</b>		Closure of Macquarie St at Shakespeare PI & 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	
TRAFFIC MARSHALS		Maintain closure			Scale: Not to Scale	



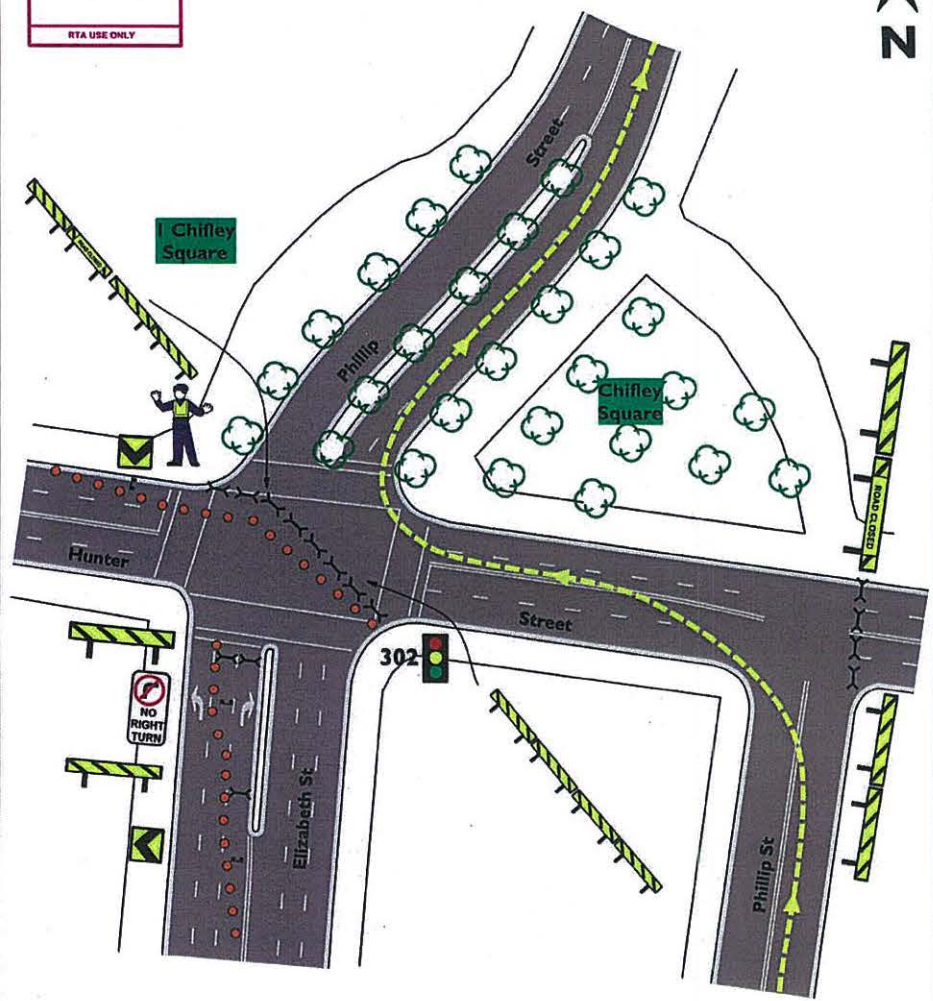
RTA to remove bollards in U-turn area

Refer to TCP 21E

TCP No: <b>I4B</b>		Closure of Shakespeare PI 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 PI		0615	Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	



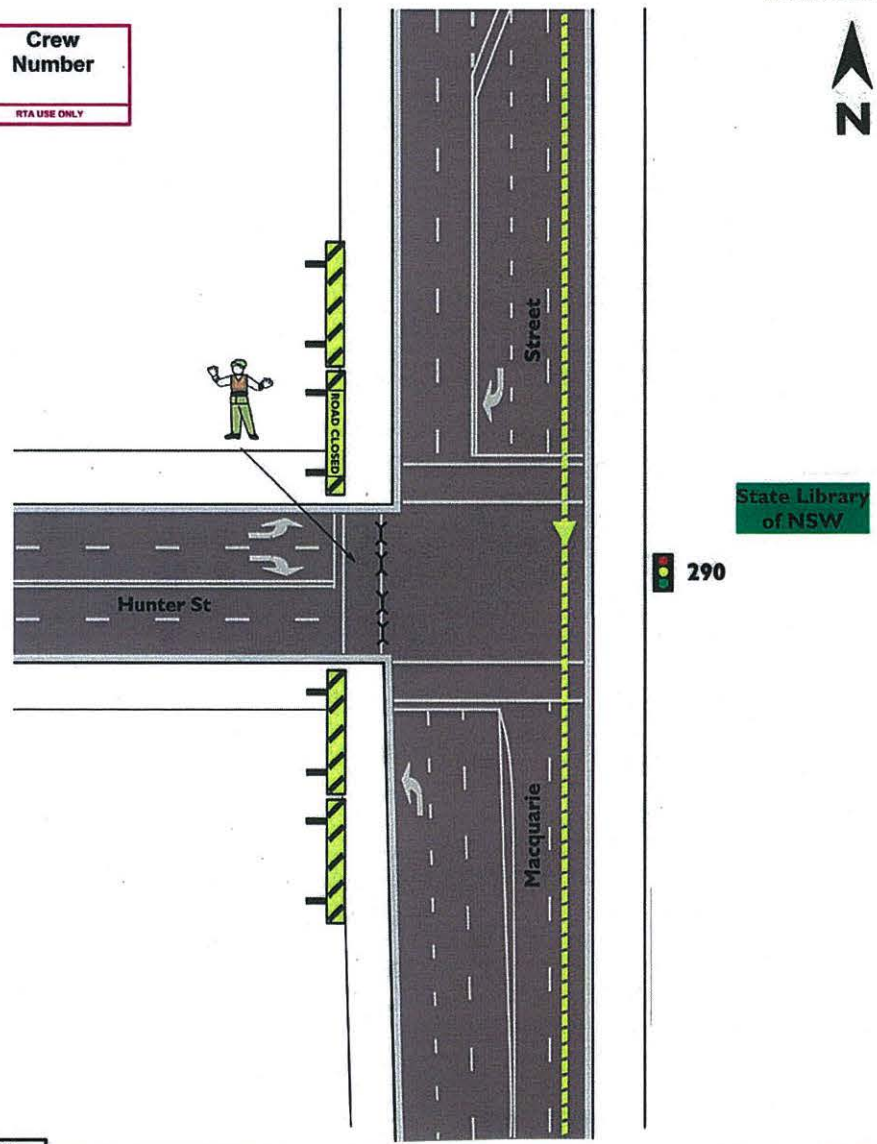
**Crew Number**  
RTA USE ONLY



TCP No.: <b>15</b>		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



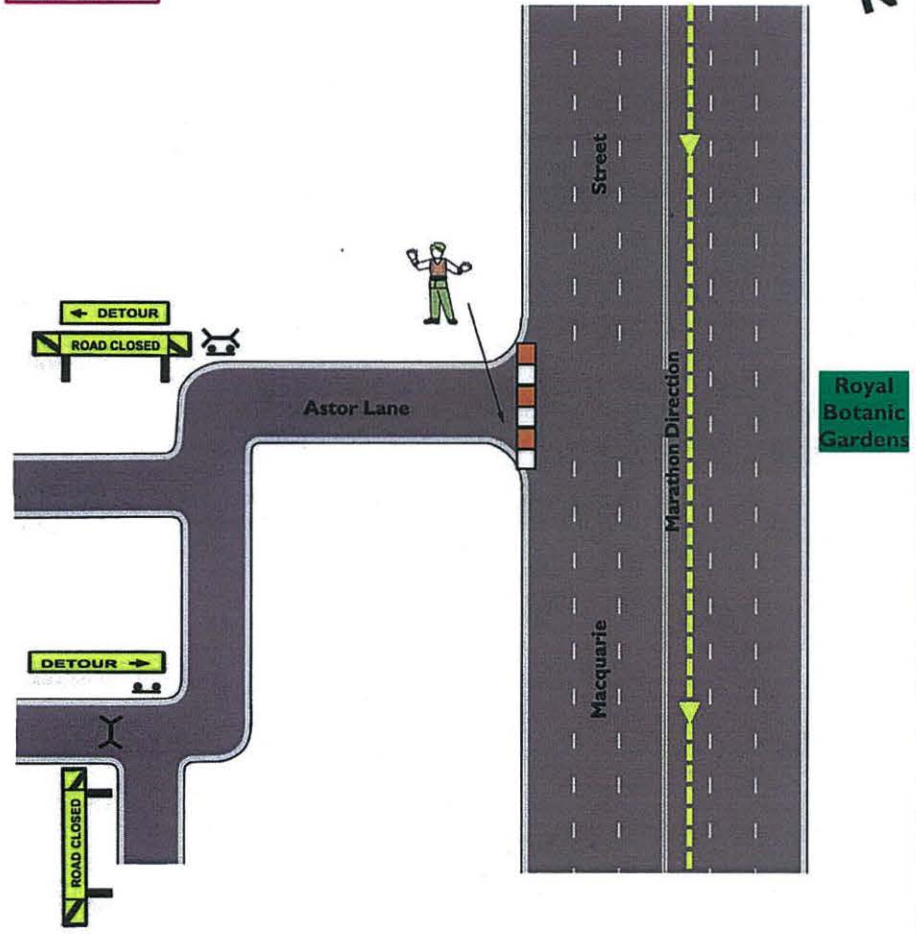
TCP No.: <b>16</b>		Full Closure of Hunter St at Macquarie St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	1	Maintain Closure		0530	Scale: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



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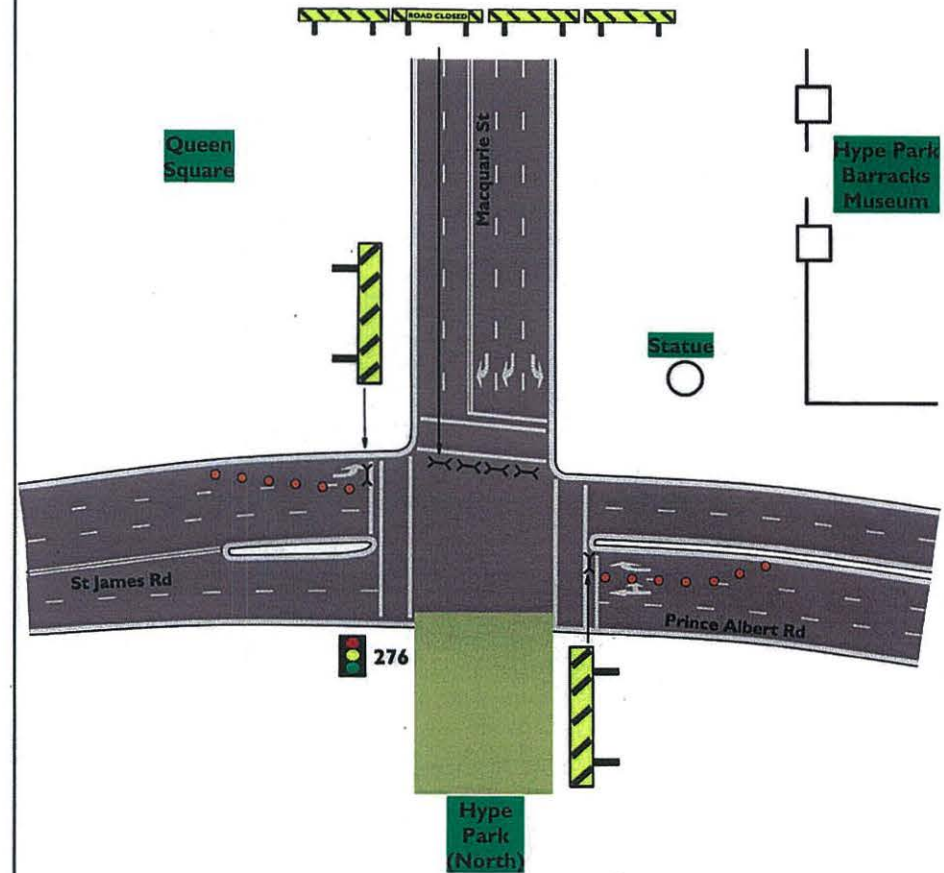
**Crew Number**  
RTA USE ONLY



TCP No.: <b>17</b>		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	

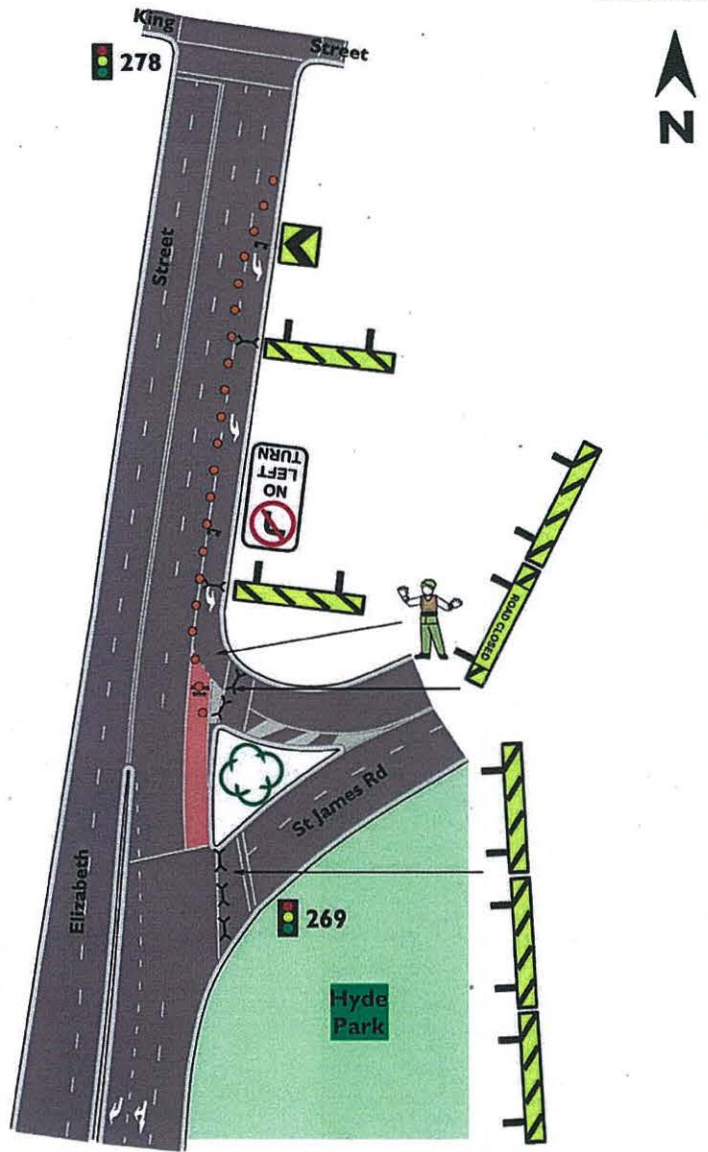
**Crew Number**  
RTA USE ONLY

**CONTINGENCY ROAD CLOSURE/REOPENING**



TCP No.: <b>18</b>		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	

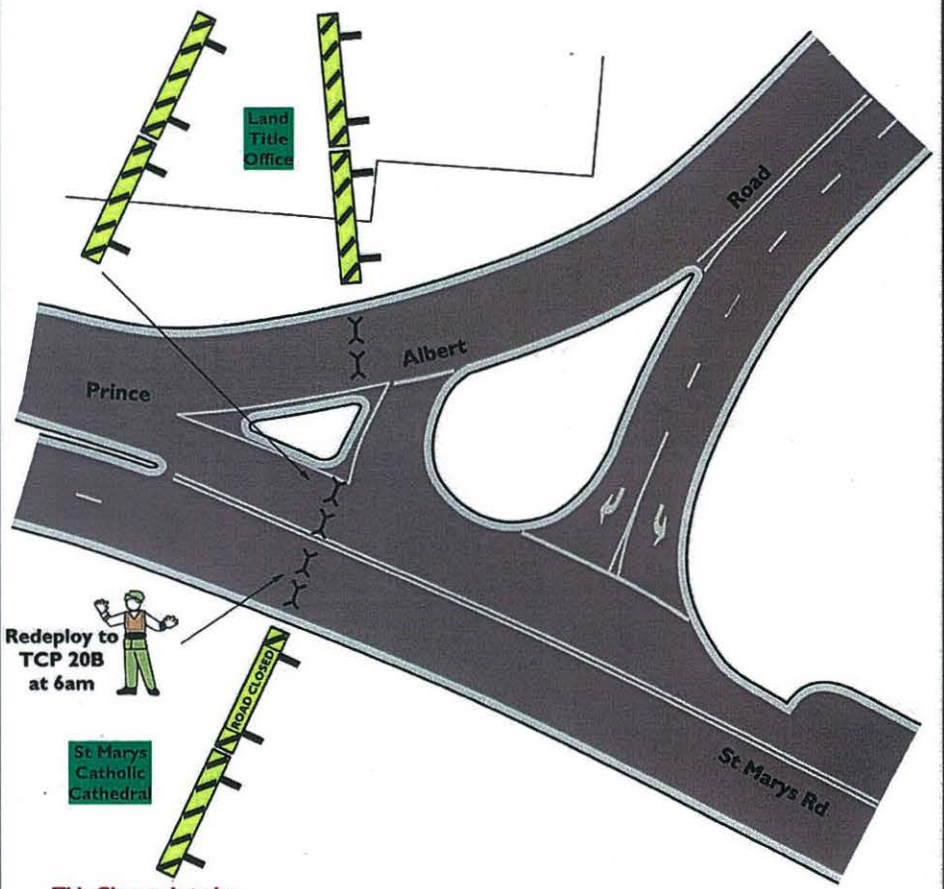
Crew Number  
RTA USE ONLY



David Jones

TCP No.: <b>19</b>		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

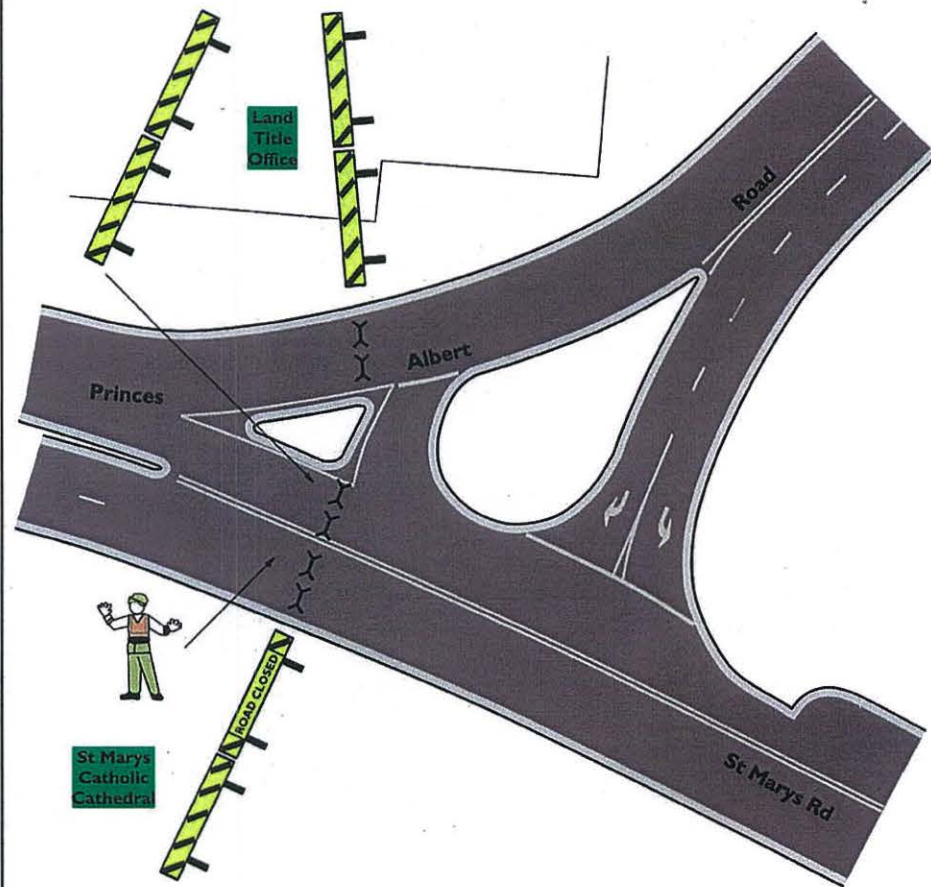
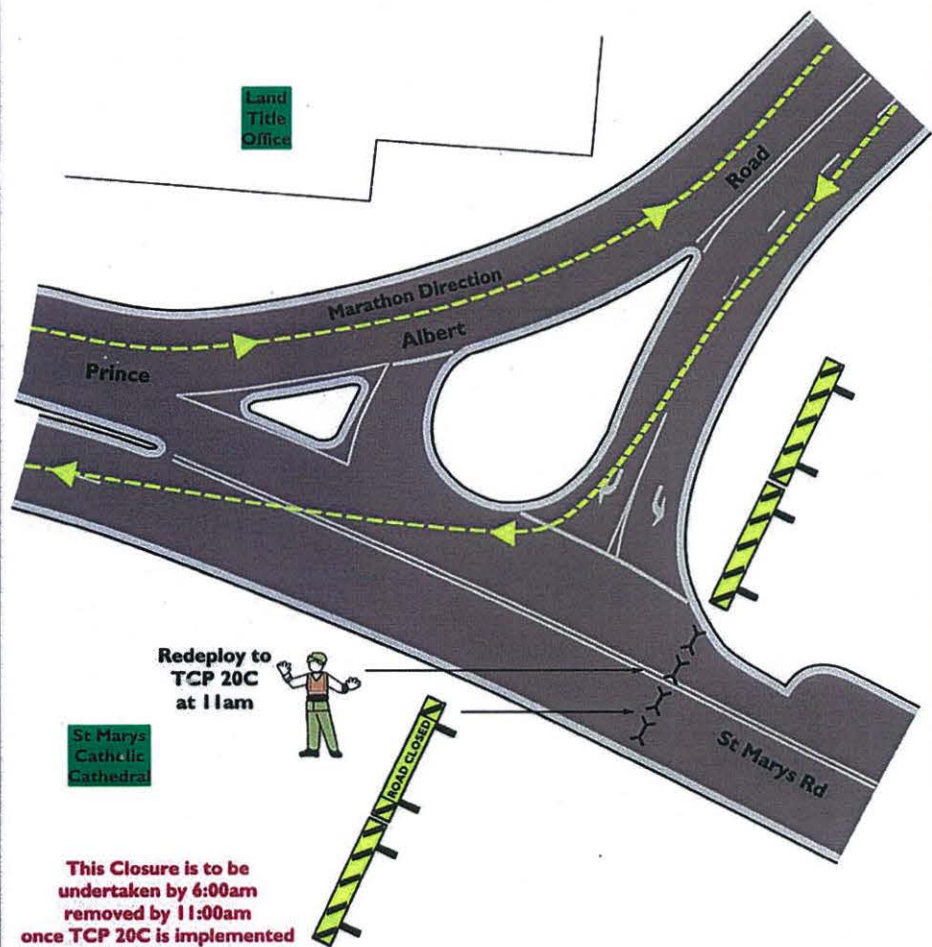
St Marys Catholic Cathedral

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

TCP No.: <b>20A</b>		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

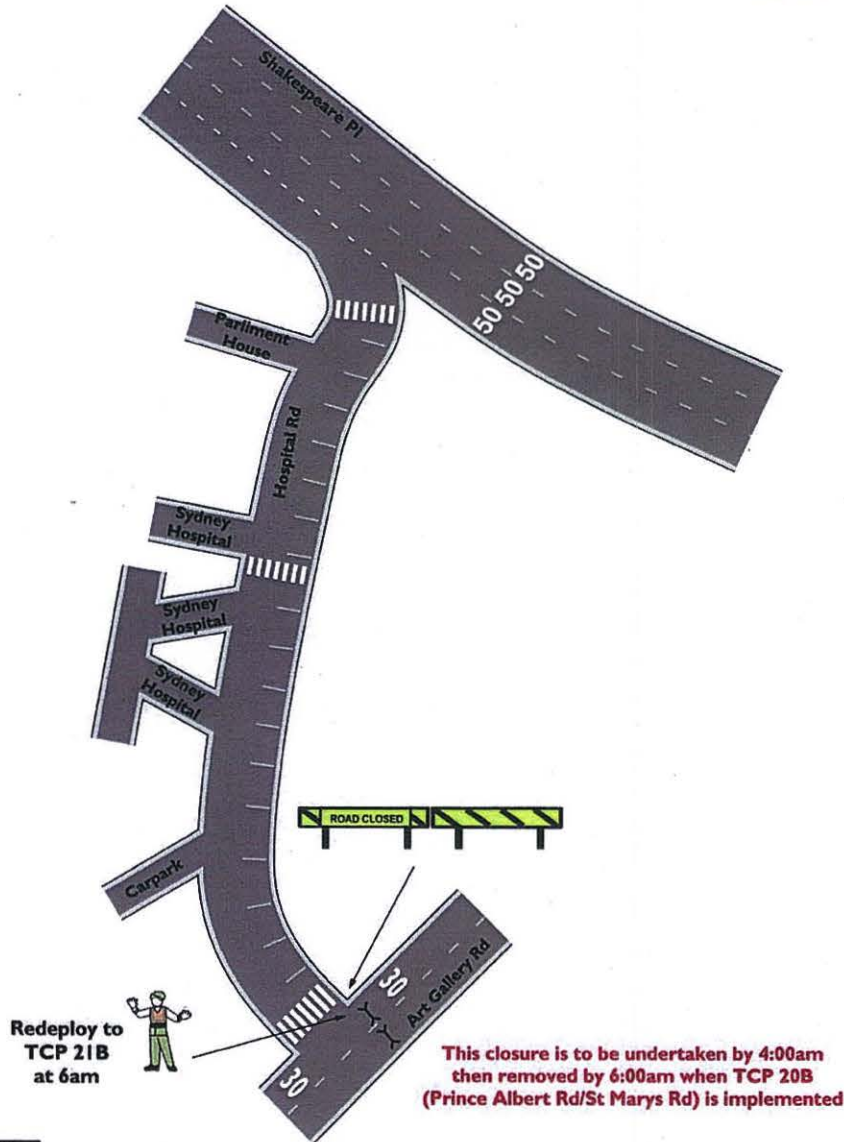
**Crew Number**  
RTA USE ONLY

**Crew Number**  
RTA USE ONLY

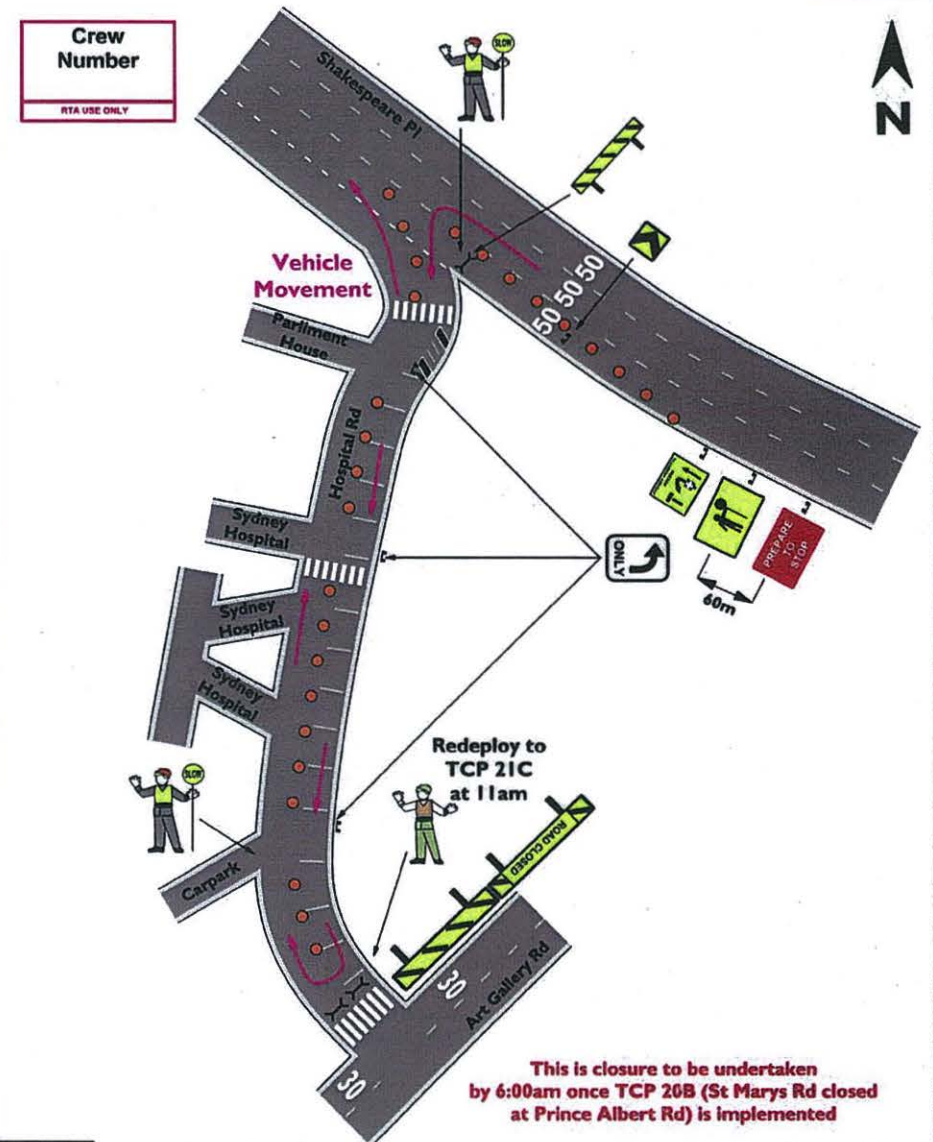


TCP No.: <b>20B</b>		Closure of Prince Albert Rd at St Marys Rd, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0600-1100	Date Updated: 29.06.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	1	Monitor traffic flow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

TCP No.: <b>20C</b>		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	

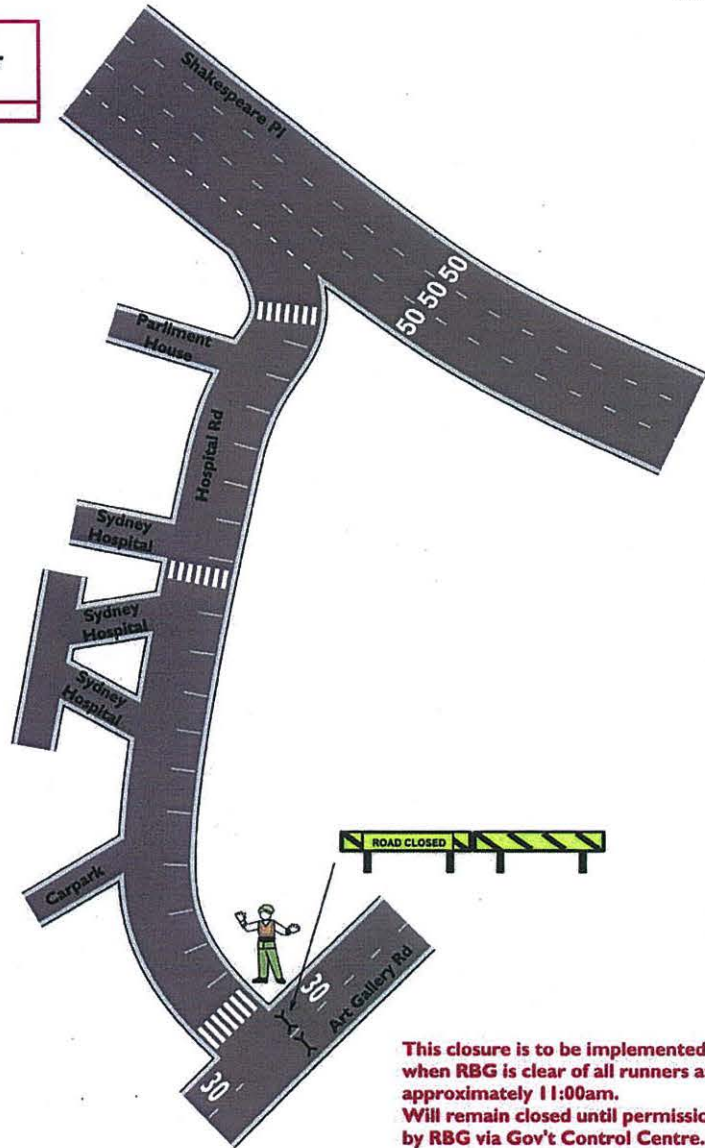


TCP No.: <b>21A</b>		Closure of Art Gallery Rd at Hospital Rd, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs	Remove SEC Signage through RBG	0400-0600	Date Updated: 29.06.12	Transport Management Centre
POLICE					Drawn: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



TCP No.: <b>21B</b>		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	

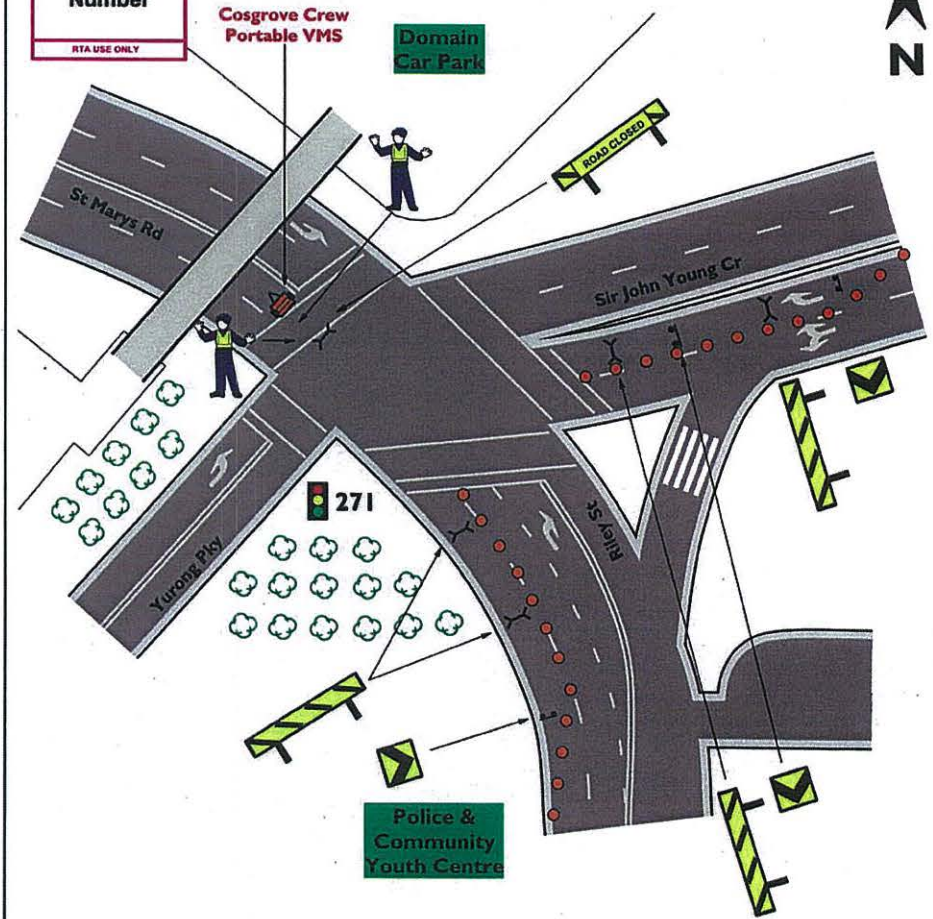
**Crew Number**  
RTA USE ONLY



**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.**

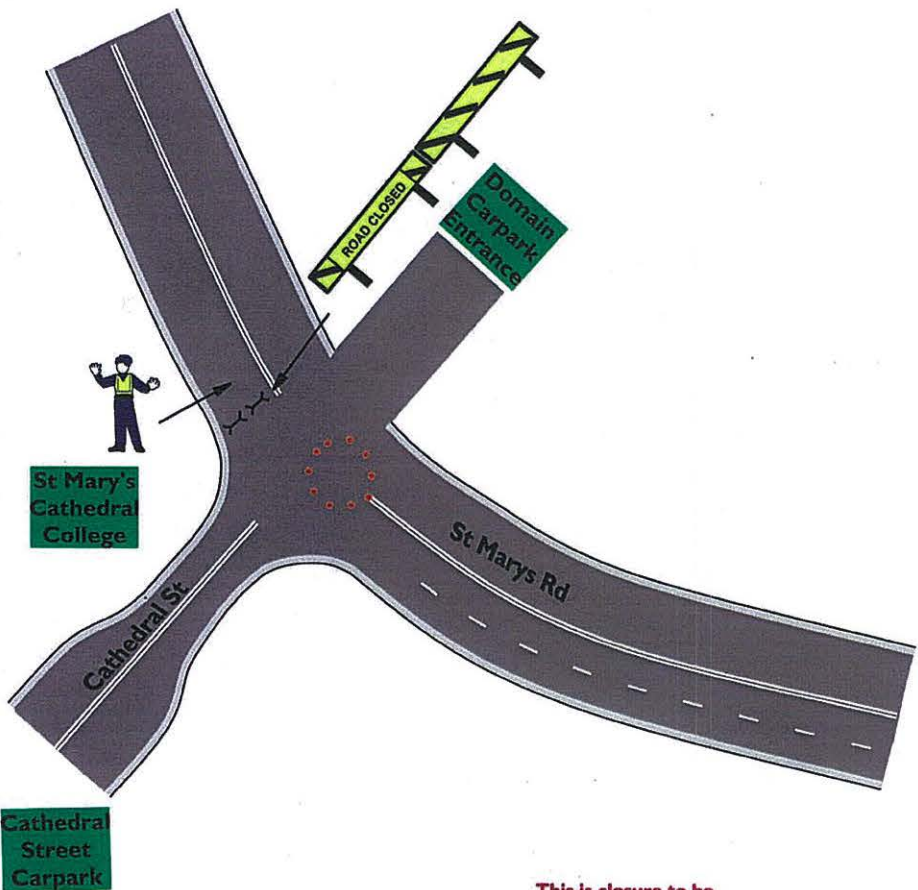
TCP No.: <b>21C</b>		Closure of Art Gallery Rd at Hospital Rd, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs			Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	1	Setup barricades	Maintain closure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

**Crew Number**  
RTA USE ONLY



TCP No.: <b>22</b>		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

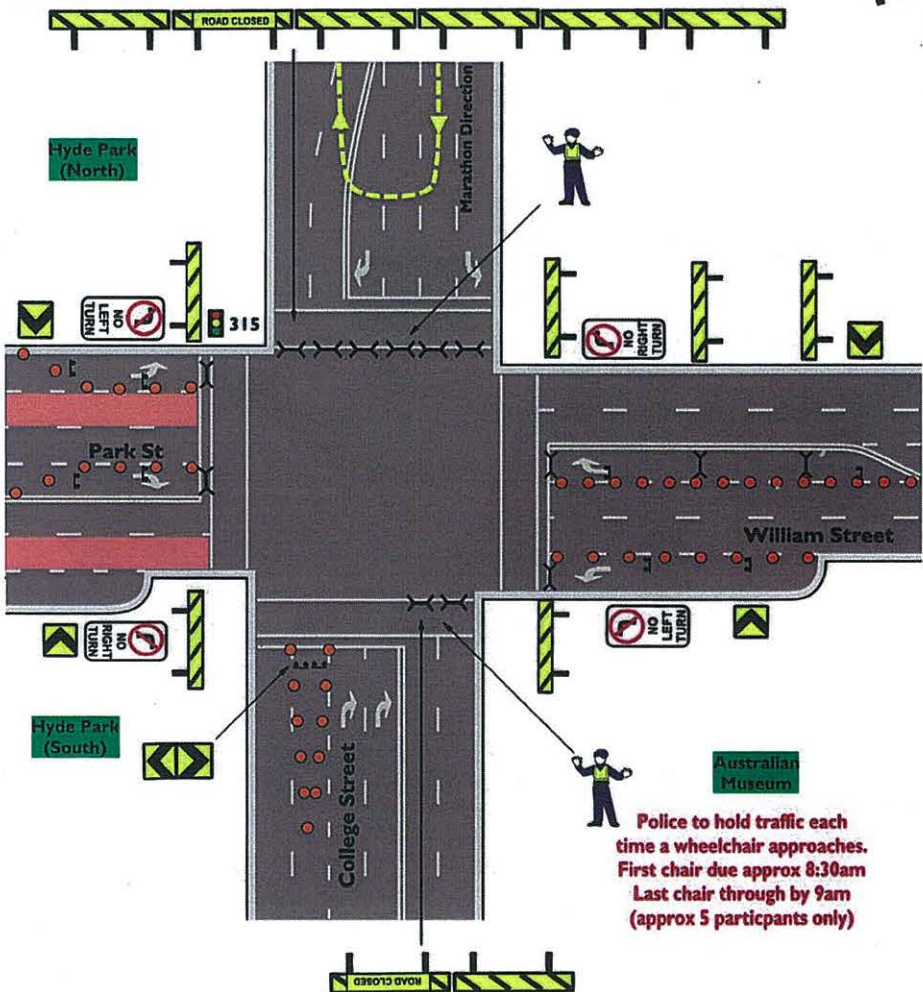


This is closure to be undertaken by 6:00am and removed at approx. 11:00am once TCP 20C & 21C are implemented

TCP No.: <b>23</b>		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**



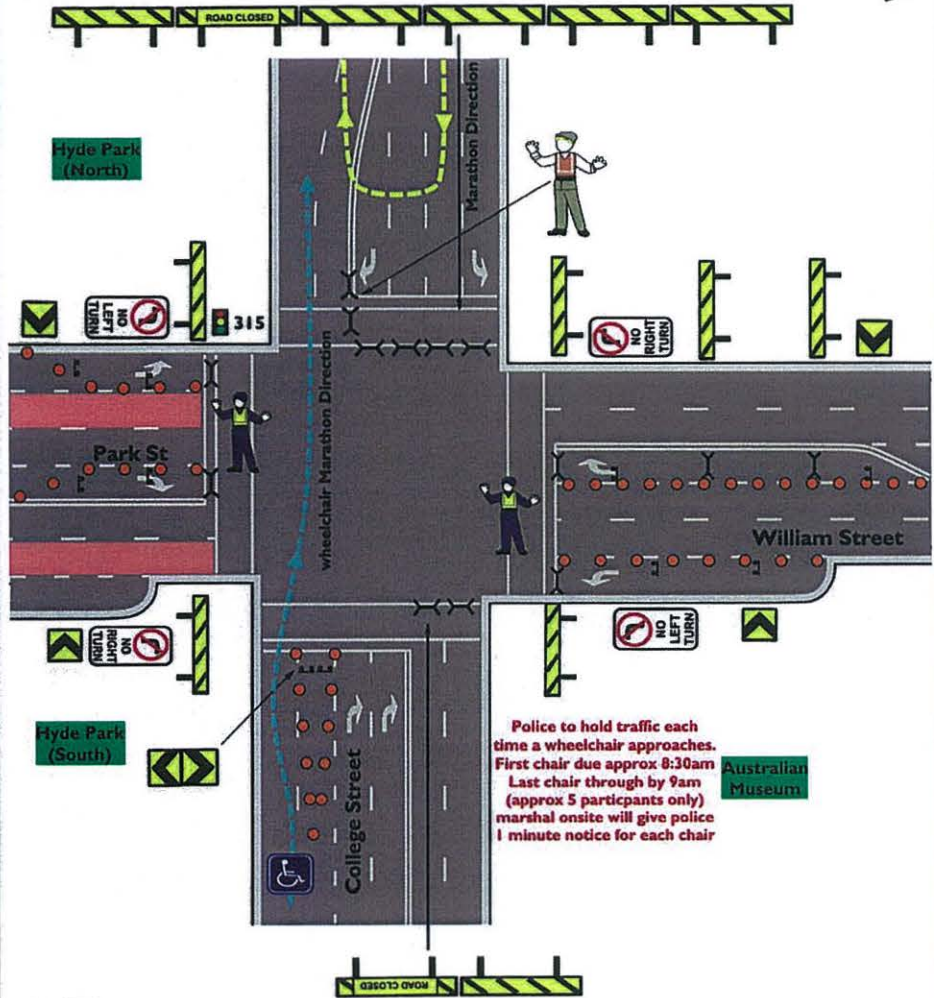
Police to hold traffic each time a wheelchair approaches. First chair due approx 8:30am Last chair through by 9am (approx 5 participants only)

TCP No.: <b>24A</b>		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

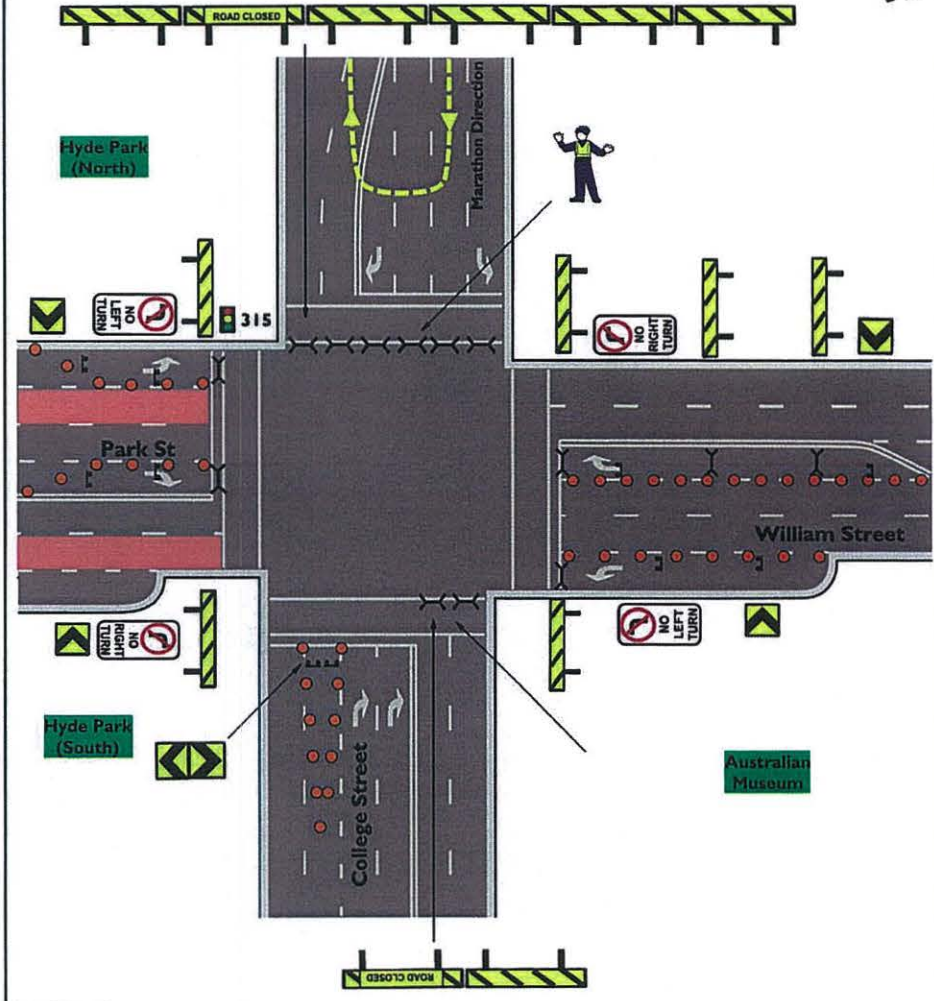


Police to hold traffic each time a wheelchair approaches. First chair due approx 8:30am. Last chair through by 9am (approx 5 participants only) marshal onsite will give police 1 minute notice for each chair

TCP No.: <b>24B</b>		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

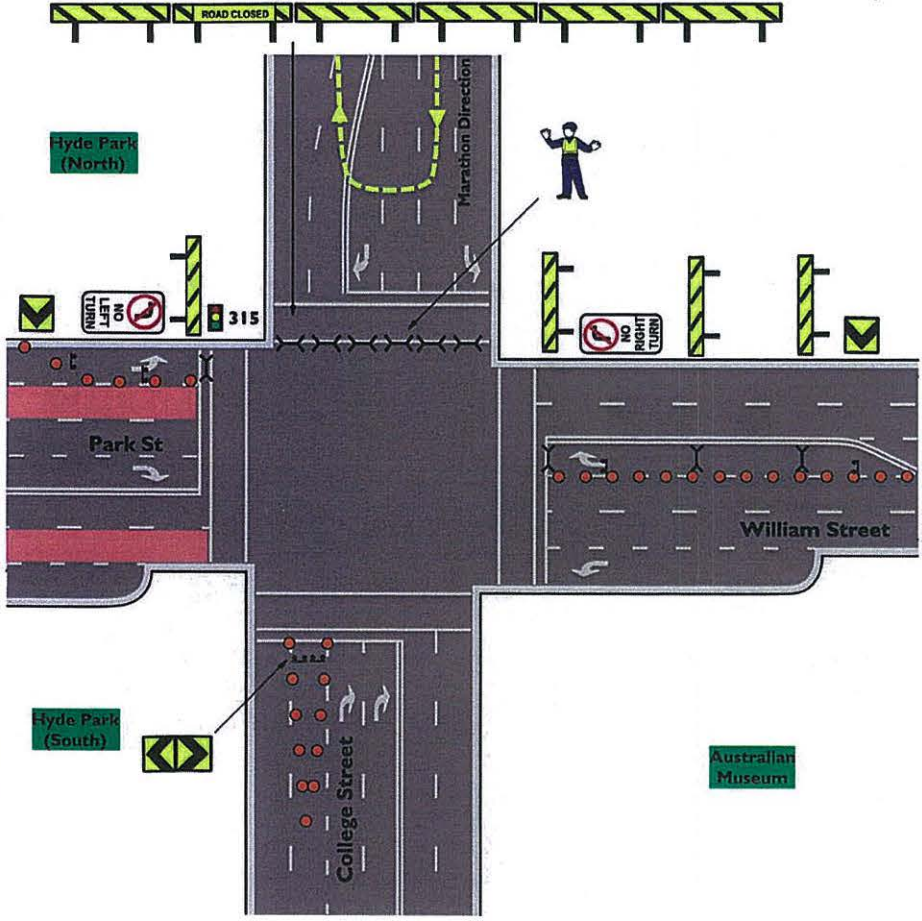


TCP No.: <b>24C</b>		Half Closure College St at Park and William St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs		0900	Date Updated: 29.06.12
POLICE	2	Monitor traffic flow		0900	Drawn: Major Events
TRAFFIC MARSHALS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



**Crew Number**  
RTA USE ONLY

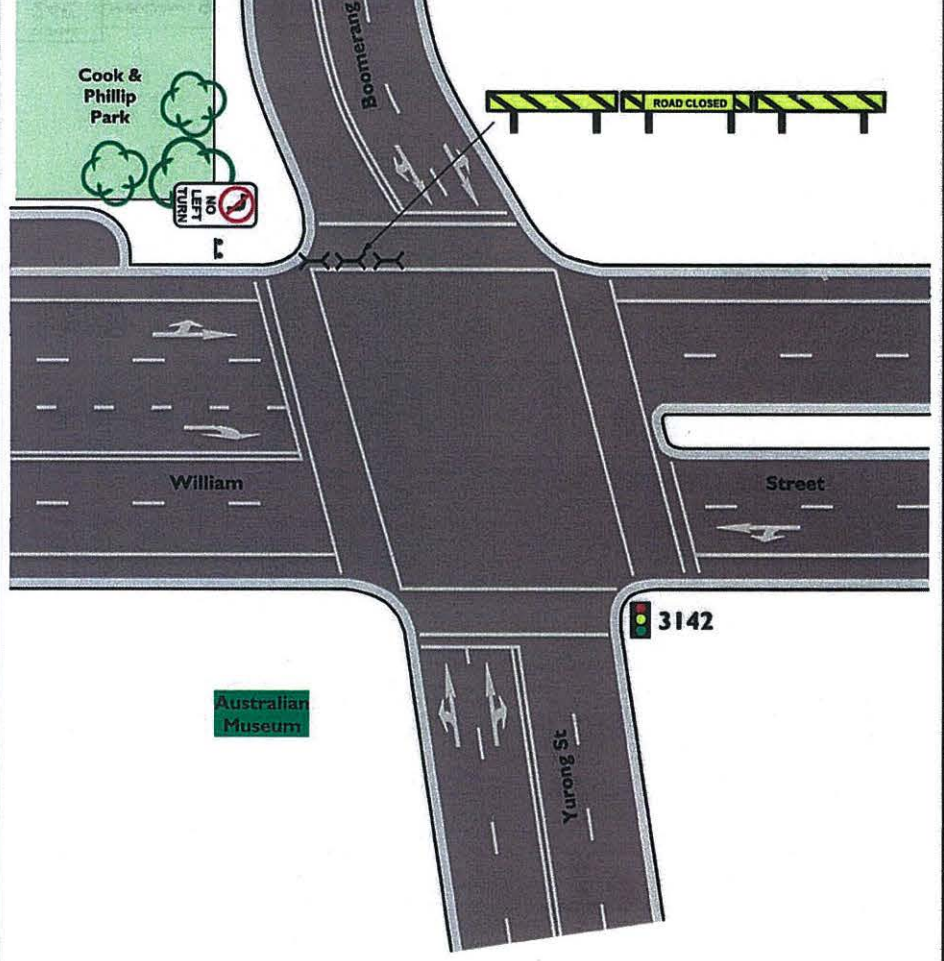
# CONTINGENCY ROAD CLOSURE/REOPENING



TCP No.: <b>24D</b>		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

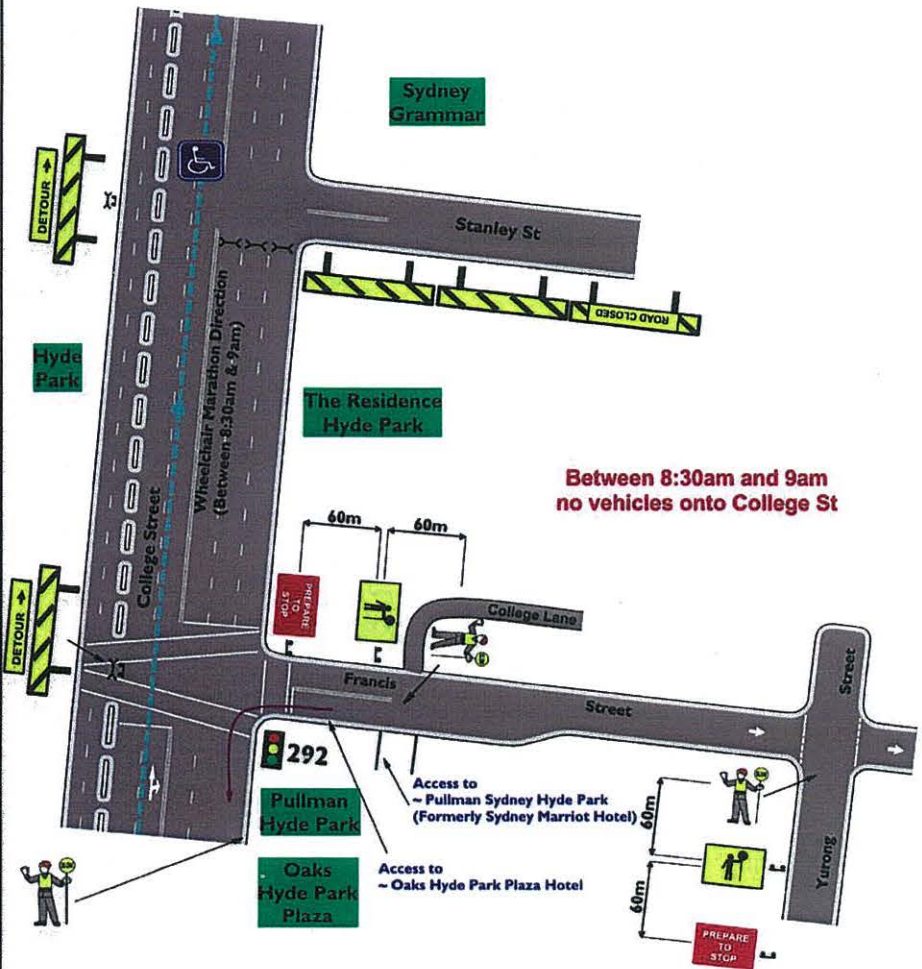


TCP No.: <b>25</b>		Half Road Closure Boomerang Pl at William St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs	Remove barricades & signs at approx. 12pm	0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC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





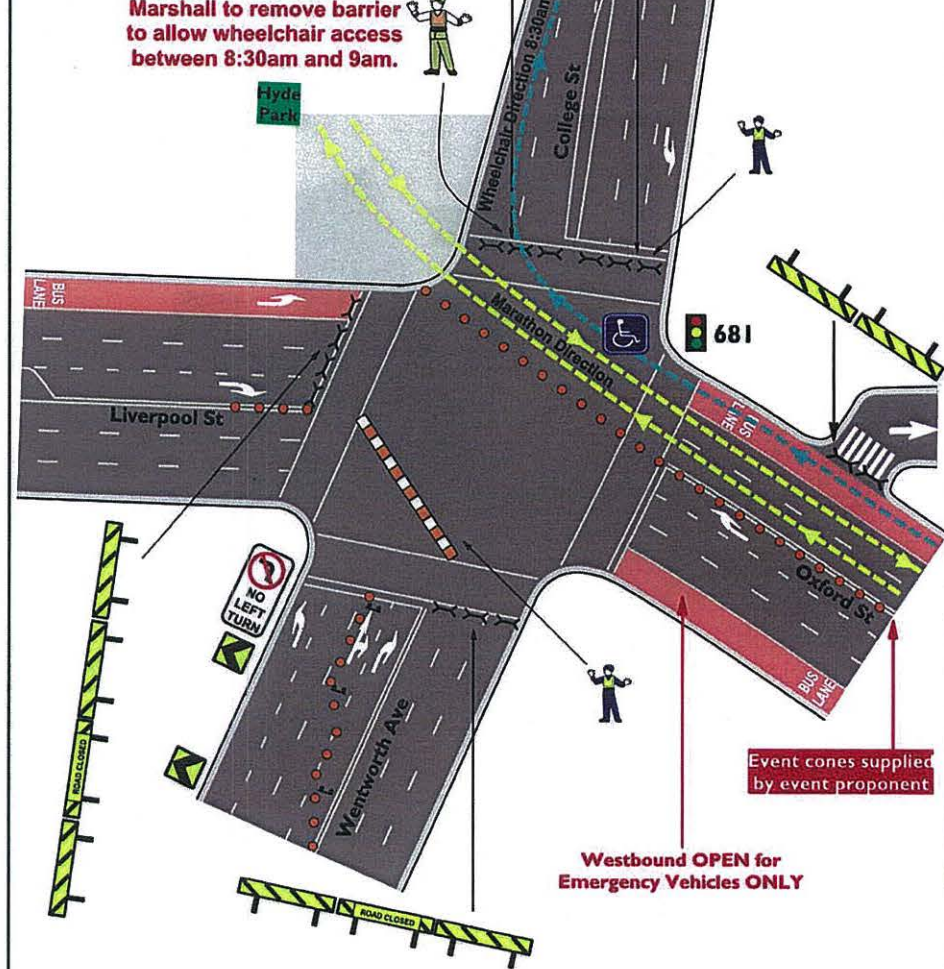
**Crew Number**  
RTA USE ONLY



TCP No.: <b>26</b>		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

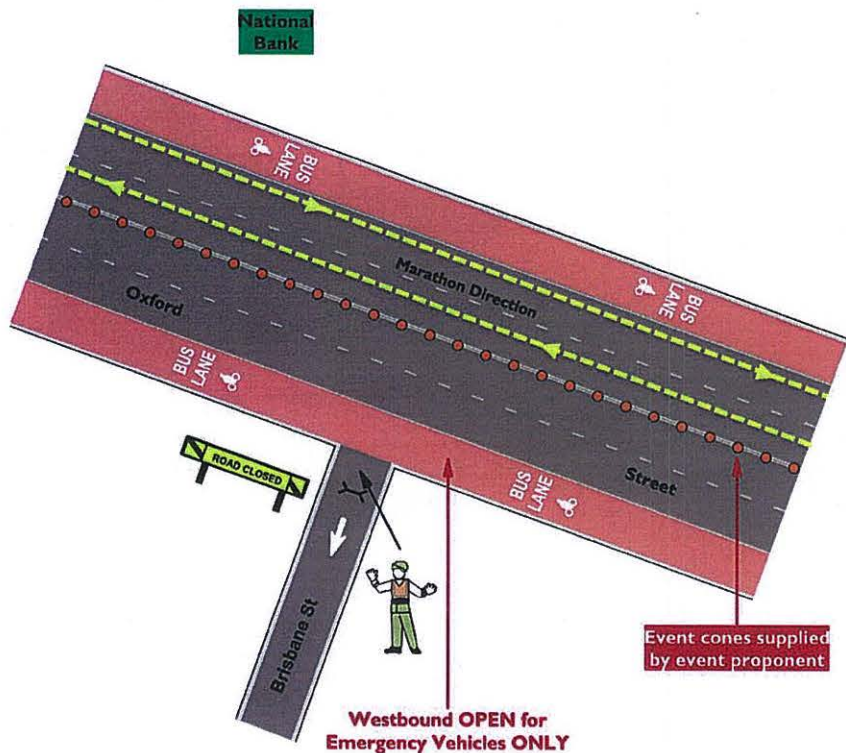


**Crew Number**  
RTA USE ONLY



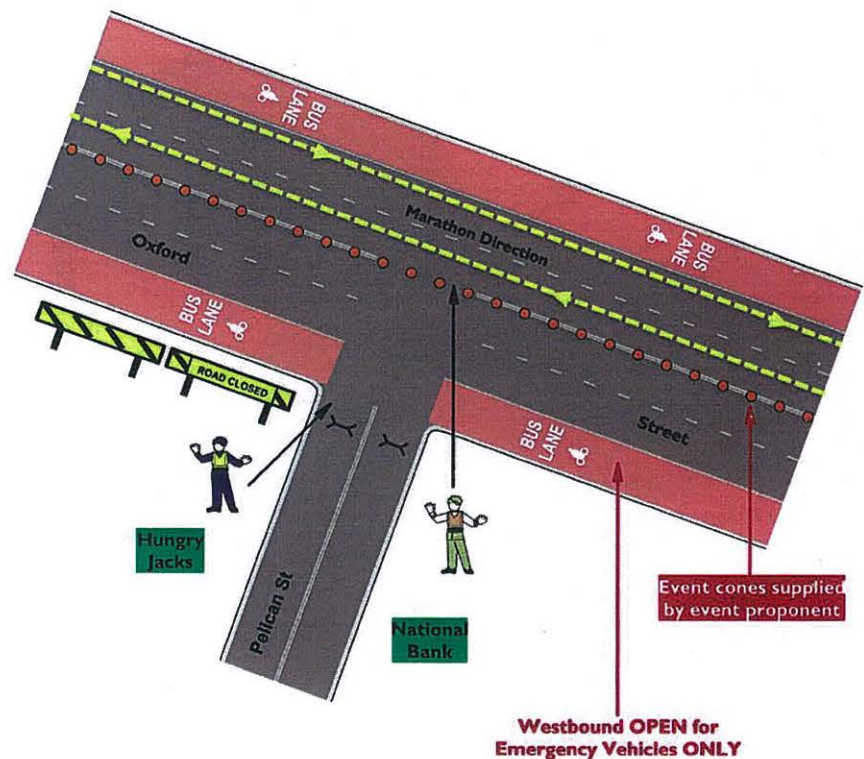
TCP No.: <b>27</b>		Closure of Wentworth Ave, Oxford St, College St & Liverpool St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs	Supply & setup 10 water filled barriers	0400	Date Updated: 29.06.12
POLICE	2	Monitor traffic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

**Crew Number**  
RTA USE ONLY



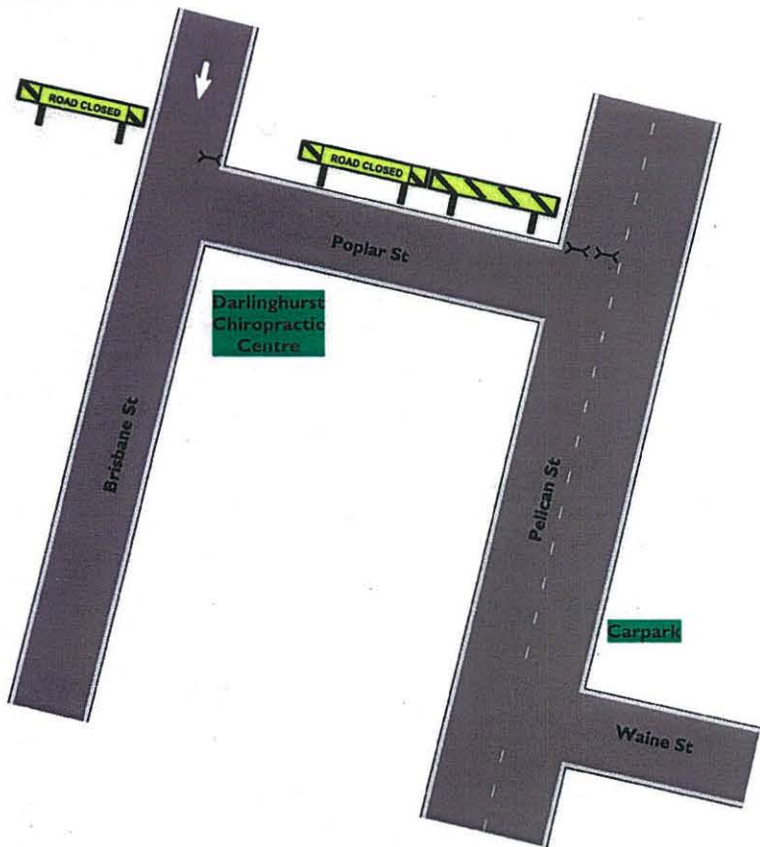
TCP No.: <b>28</b>		Closure of Pelican St at Oxford St, Surry Hills					
<b>AGENCY</b>	<b>STAFF NO.</b>	<b>PRIMARY TASK</b>	<b>SECONDARY TASK</b>	<b>TIMES</b>	<b>Sydney Running Festival</b>		
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12	Transport Management Centre	
POLICE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


**Crew Number**  
RTA USE ONLY



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

**Crew Number**  
RTA USE ONLY

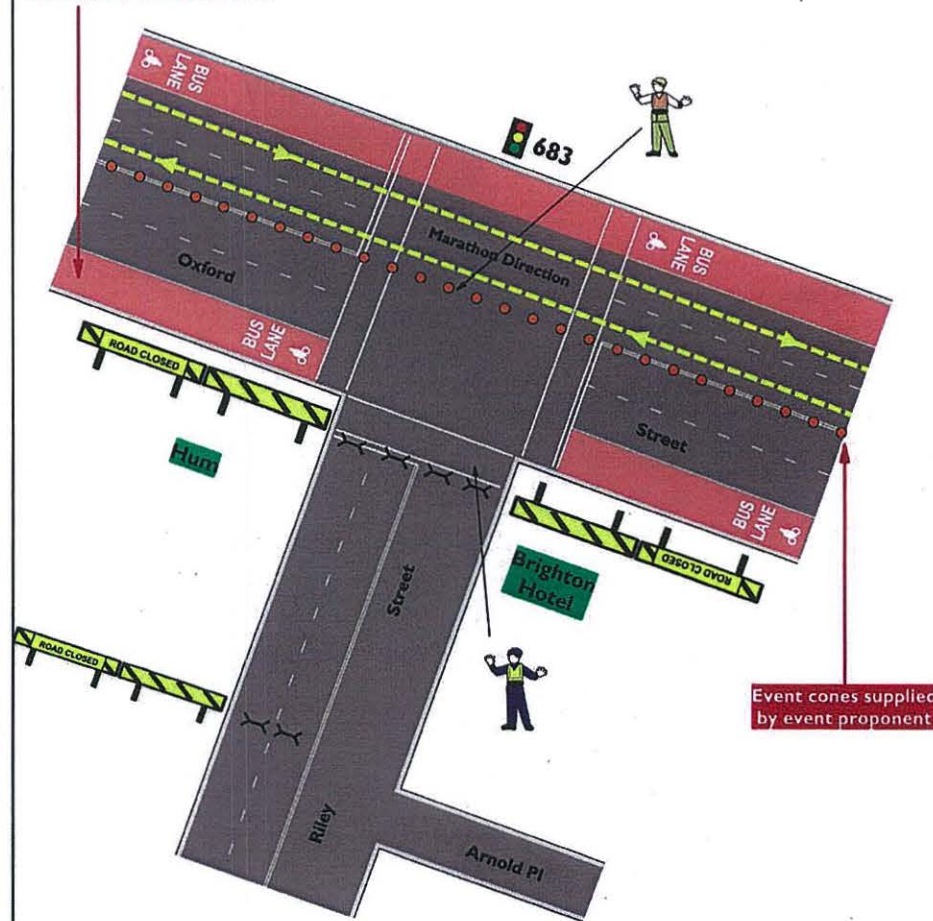



TCP No.: <b>30</b>		Closure of Pelican St South of Waine St and Brisbane St South of Poplar St, Surry Hills				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs	Remove barricades & signs approx. 12pm	0400	Date Updated: 29.06.12	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

**Crew Number**  
RTA USE ONLY



**Westbound OPEN for Emergency Vehicles ONLY**

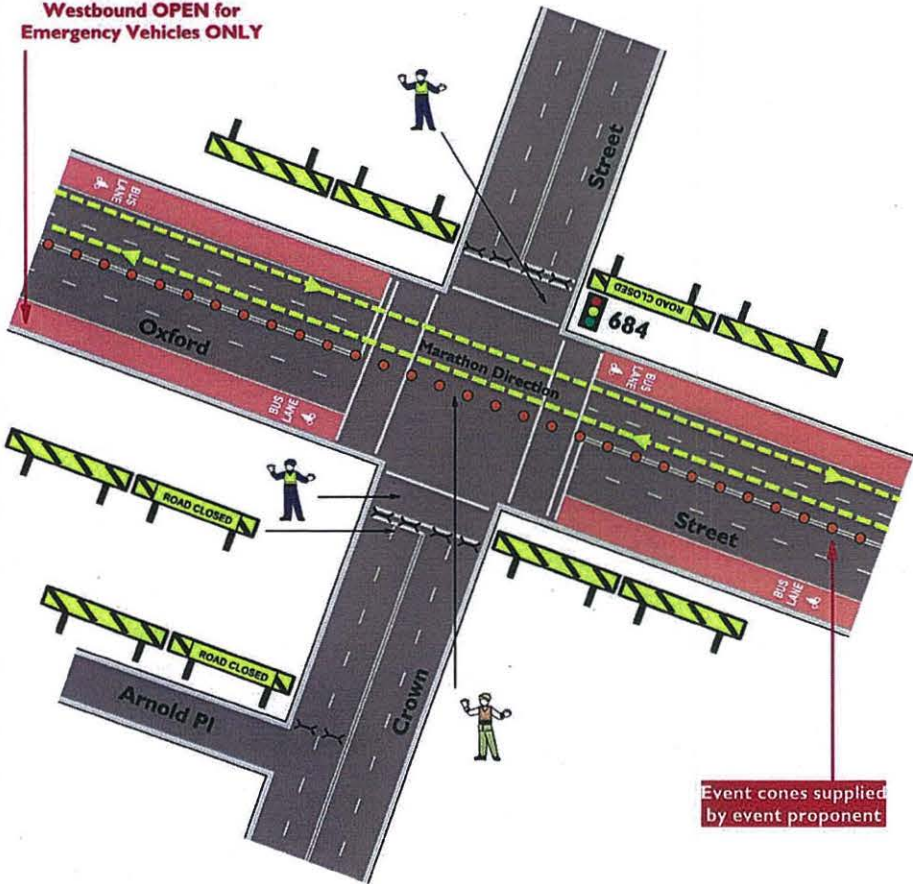


TCP No.: <b>31</b>		Closure of Riley St at Oxford St, Darlinghurst / Surry Hills				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12	 Transport Management Centre
POLICE	1	Maintain closure		0400	Drawn: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

**Crew Number**  
RTA USE ONLY

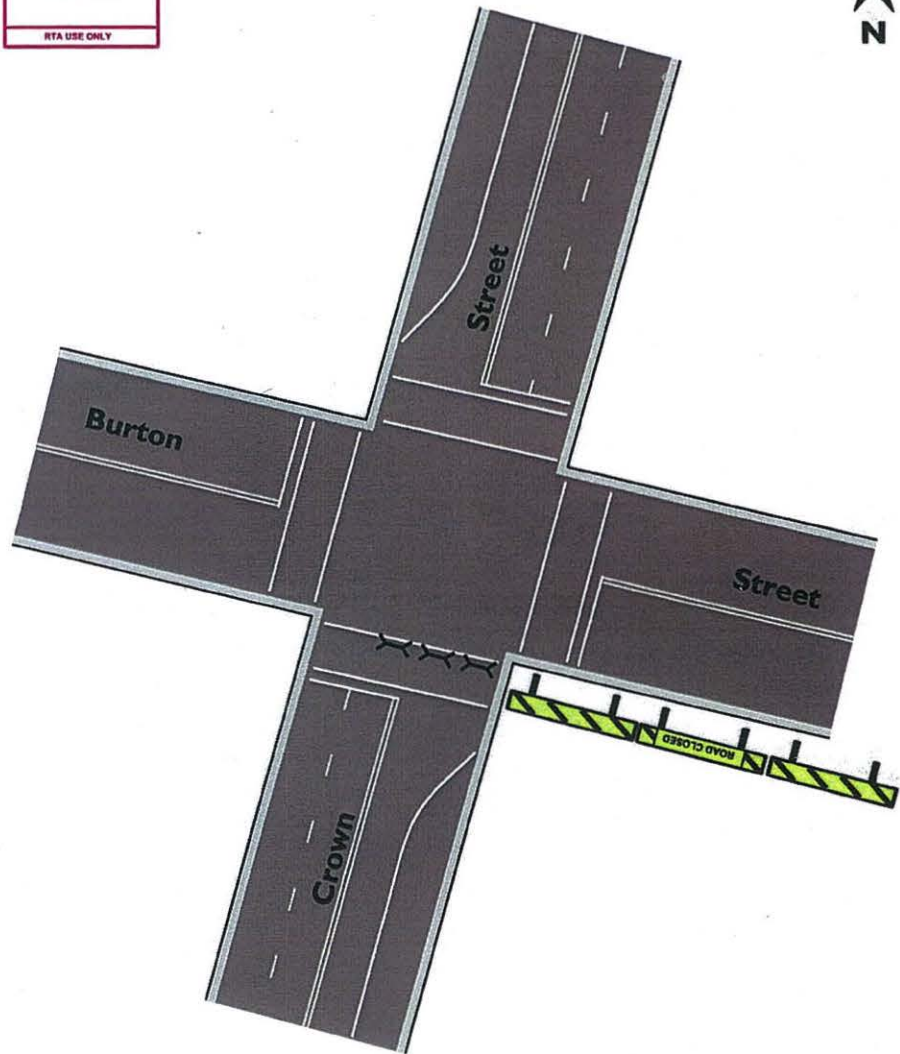


**Westbound OPEN for  
Emergency Vehicles ONLY**



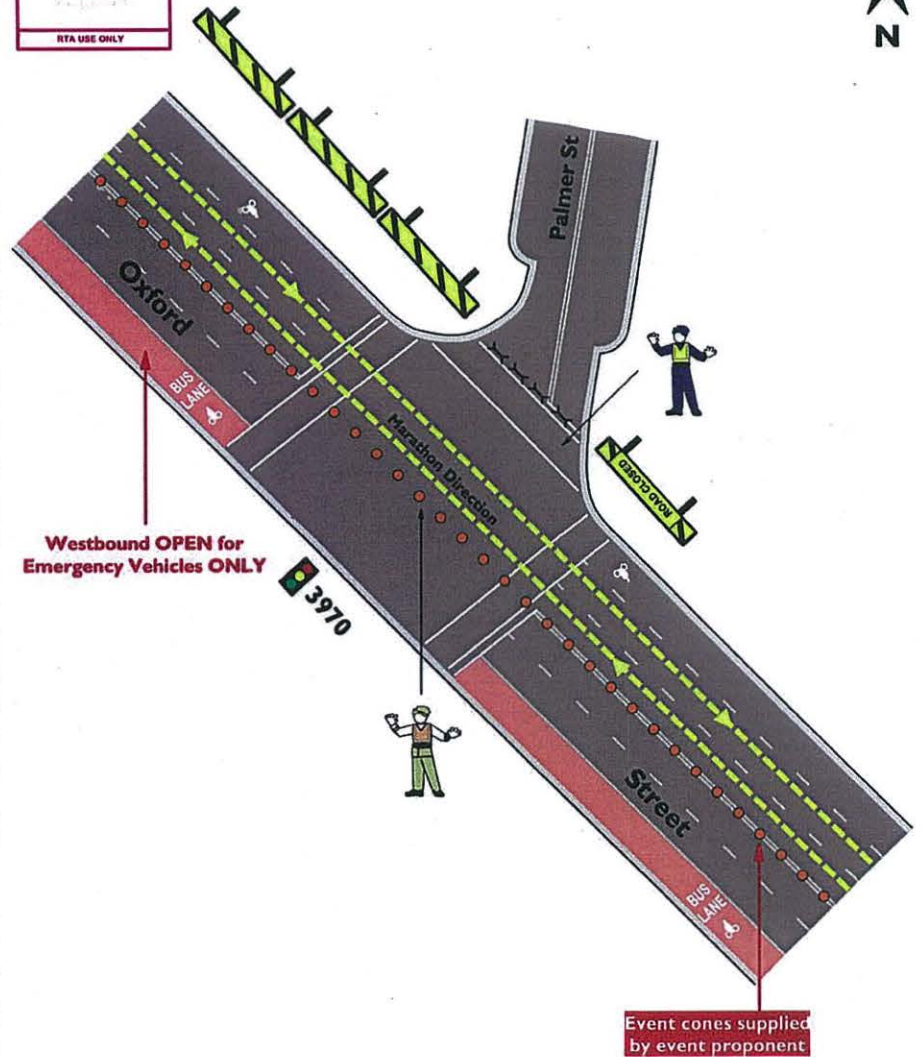
TCP No.: <b>32</b>		Closure of Crown St at Oxford St, Darlinghurst				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	2	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS	1	Stop/ slow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

**Crew Number**  
RTA USE ONLY



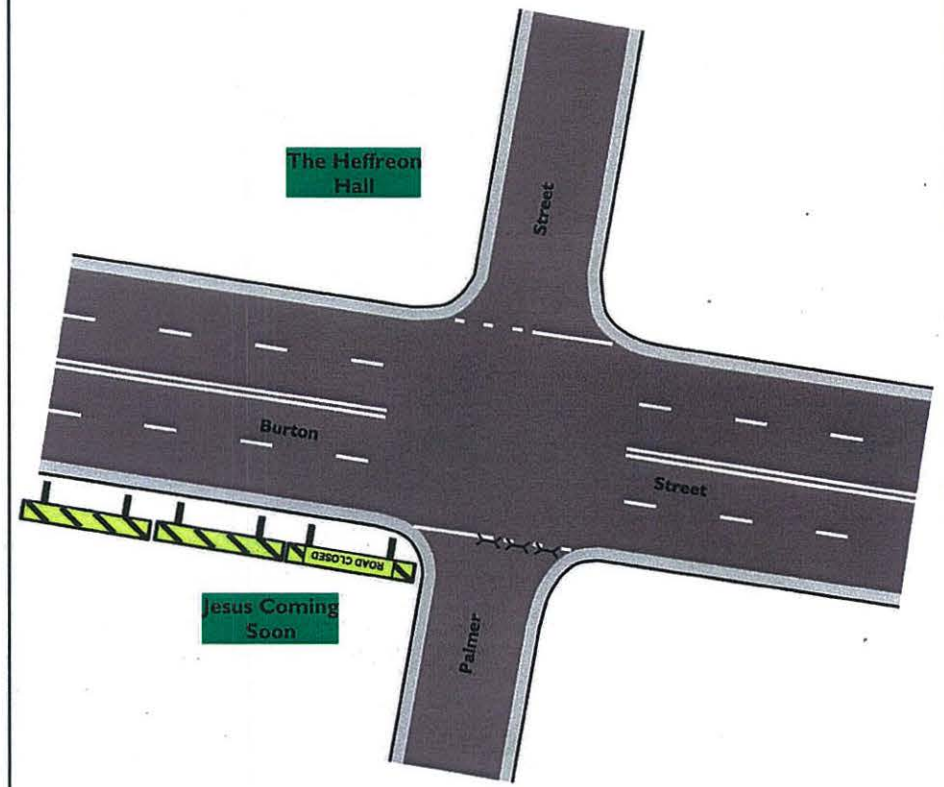
TCP No.: <b>33</b>		Closure of Crown St Southern Side of Burton St, Darlinghurst				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs	Remove barricades & signs approx. 12pm	0400	Date Updated:	29.06.12
POLICE	1				Drawn:	Major Events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

**Crew Number**  
RTA USE ONLY



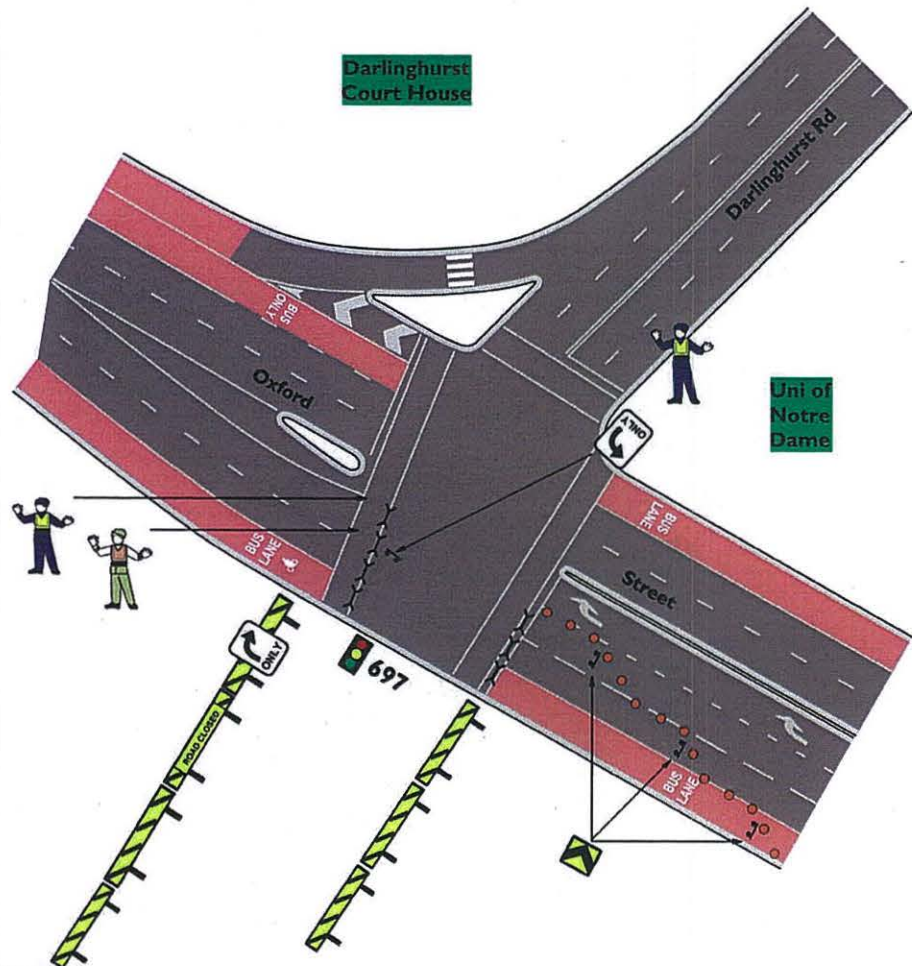
TCP No.: <b>34</b>		Closure of Palmer St at Oxford St, Darlinghurst				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain traffic flow	Maintain closure	0400	Drawn:	Major Events
TRAFFIC MARSHALS	1	Maintain Infrastructure		0400	Scale:	Not to Scale

**Crew Number**  
RTA USE ONLY



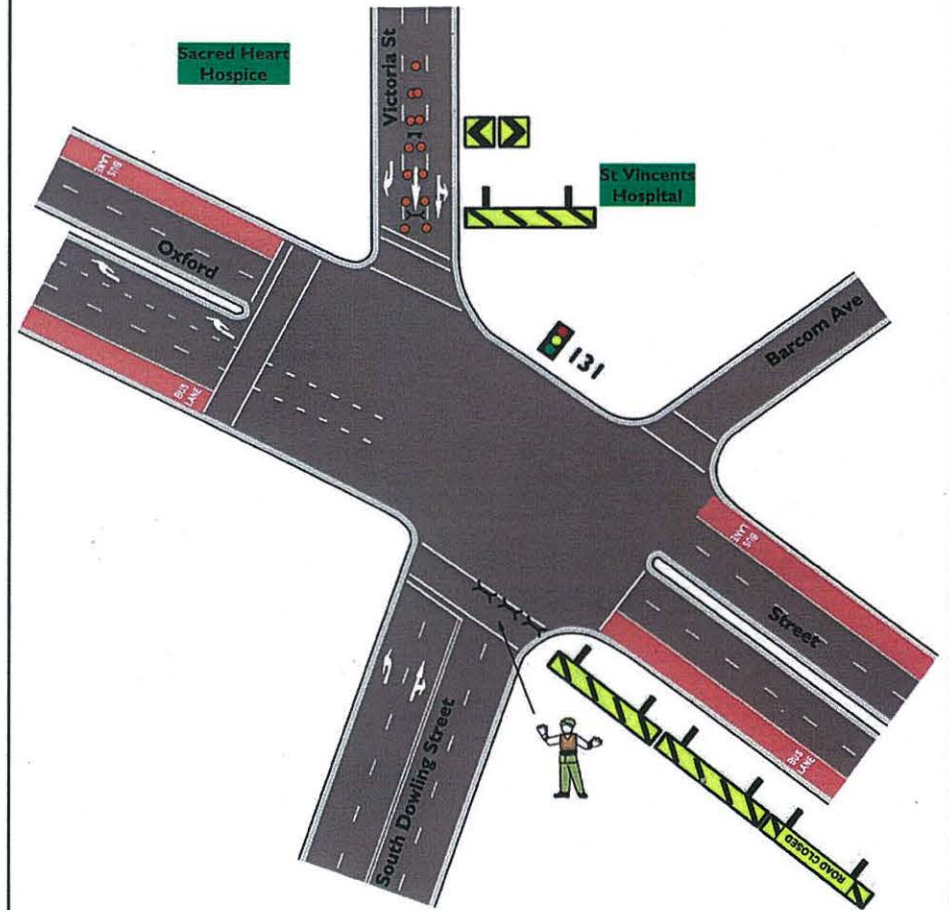
TCP No.: <b>35</b>		Closure of Palmer St Southern Side of Burton St, Darlinghurst				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs	Remove barricades & signs approx. 12pm	0400	Date Updated:	29.06.12
POLICE					Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale

**Crew Number**  
RTA USE ONLY



TCP No.: <b>36</b>		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	

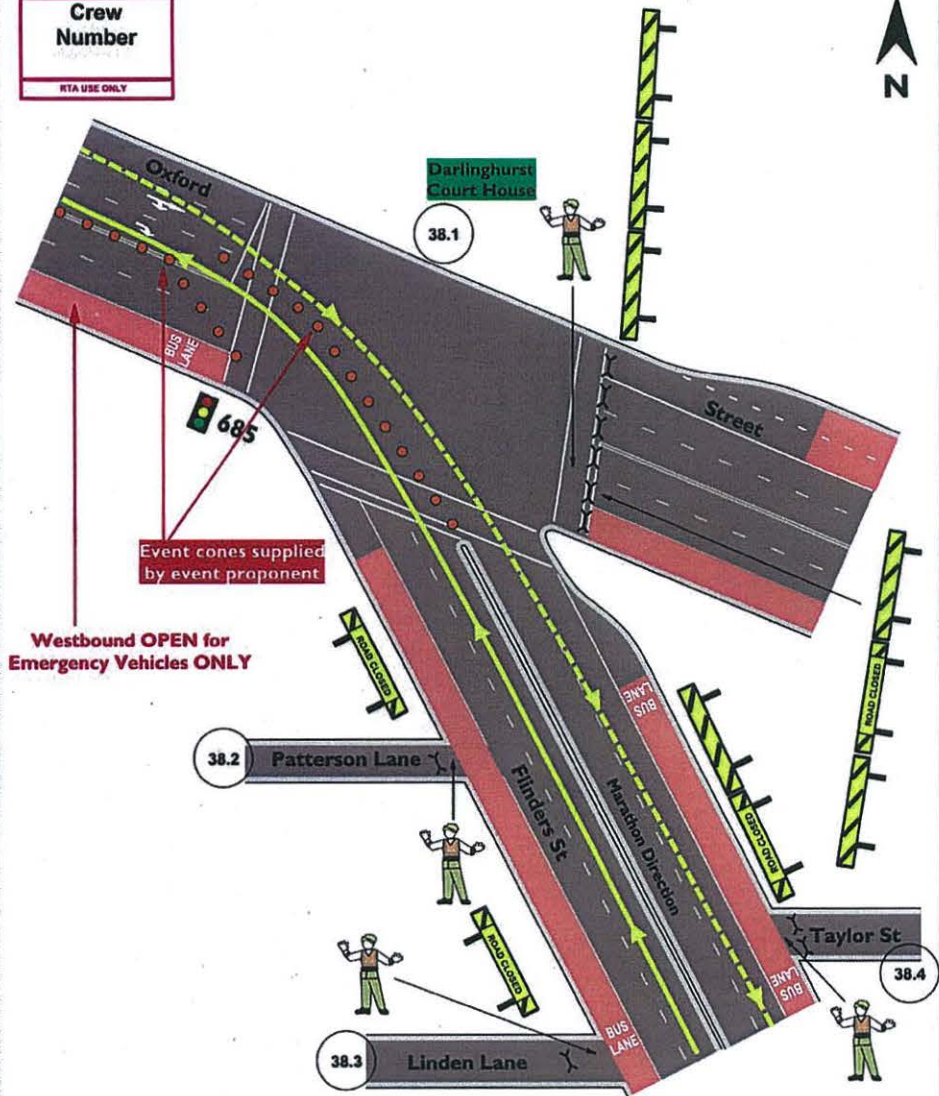
**Crew Number**  
RTA USE ONLY



**This TCP is to be removed when TCP 40C (South Dowling St / Flinders St) has been implemented.**

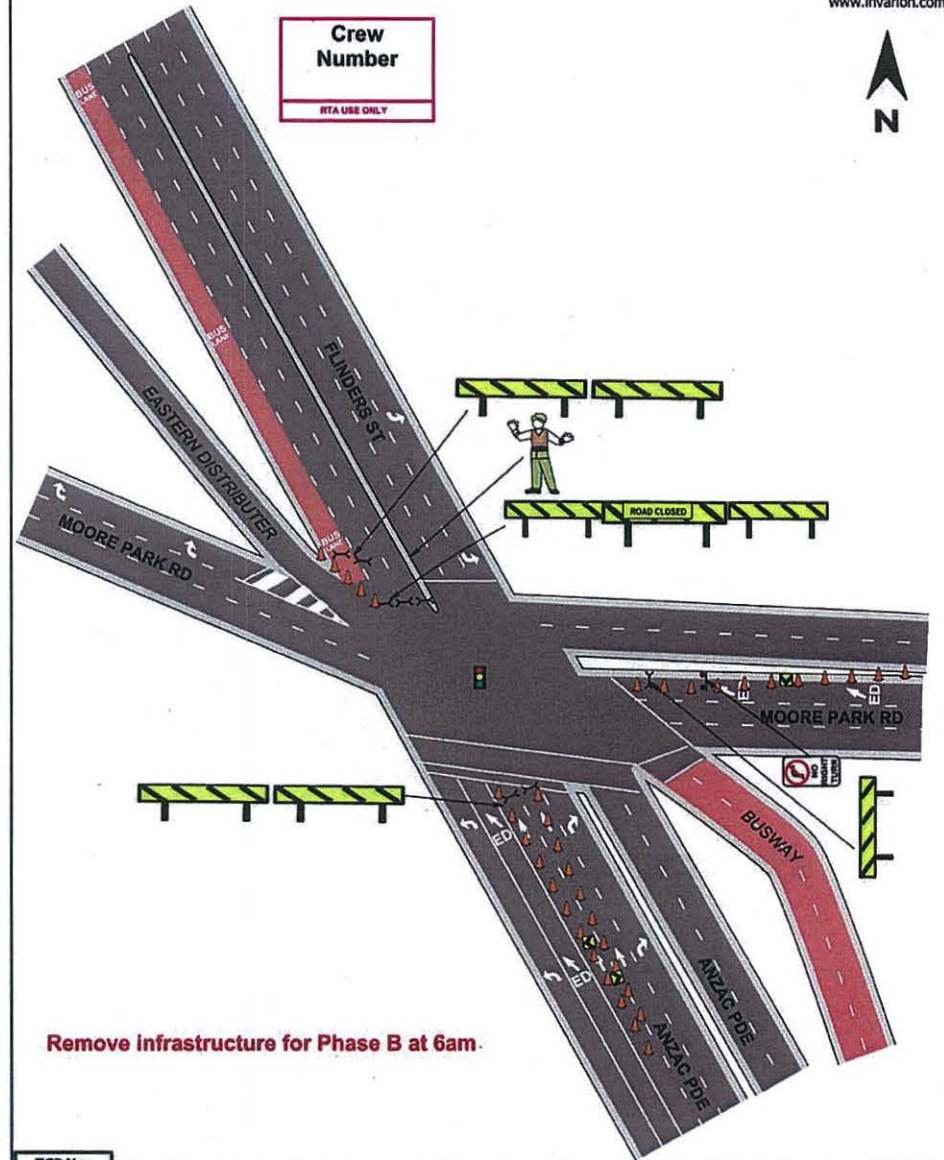
TCP No.: <b>37</b>		Half Closure of South Dowling St Southern Side of Oxford St, Paddington				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0600	Date Updated: 29.06.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	1	Maintain closure		0600	Scale: Not to Scale	

**Crew Number**  
RTA USE ONLY



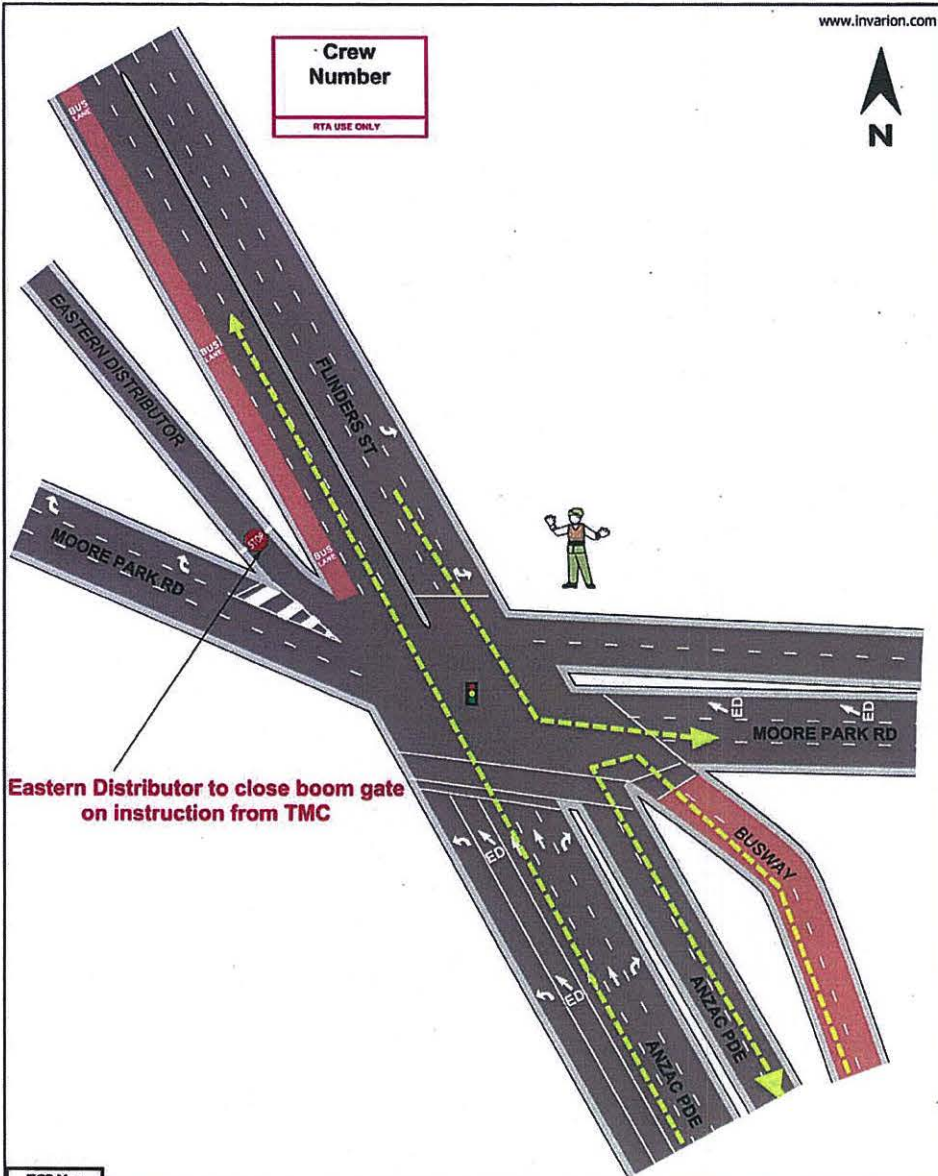
TCP No.: <b>38</b>	Closure of Oxford St Eastern Side of Flinders St, Surry Hills Closure of Taylor St and Patterson Ln at Flinders St, Surry Hills				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	4	Maintain closures		0400	Scale: Not to Scale

**Crew Number**  
RTA USE ONLY

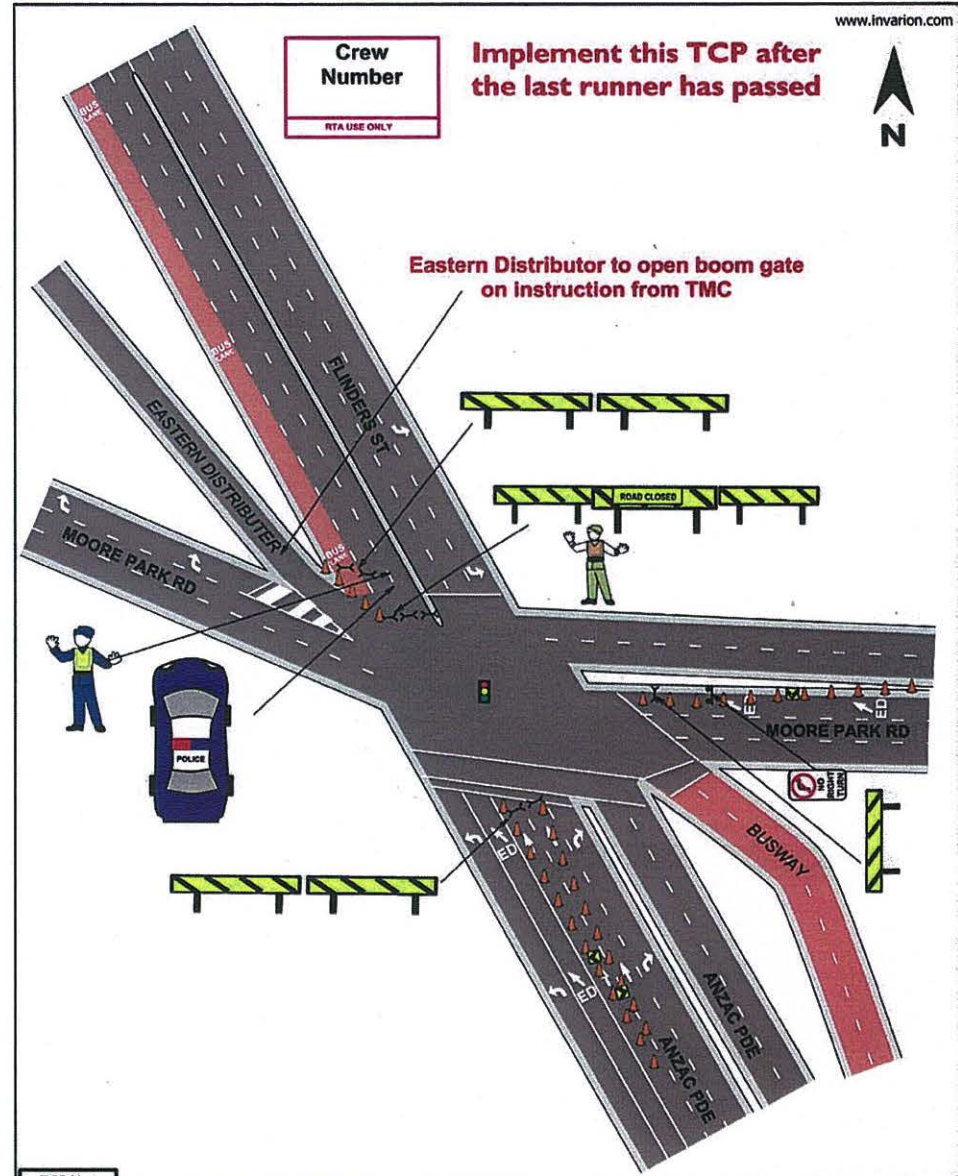


TCP No.: <b>39A</b>	Closure of Flinders St at Moore park Rd, Moore Park				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs		0400-0600	Date Updated: 29.06.12
POLICE		Assist with road closures			Drawn: Major Events
TRAFFIC MARSHALS	1	Monitor traffic flow Implement road closures		0400-0600	Scale: Not to Scale



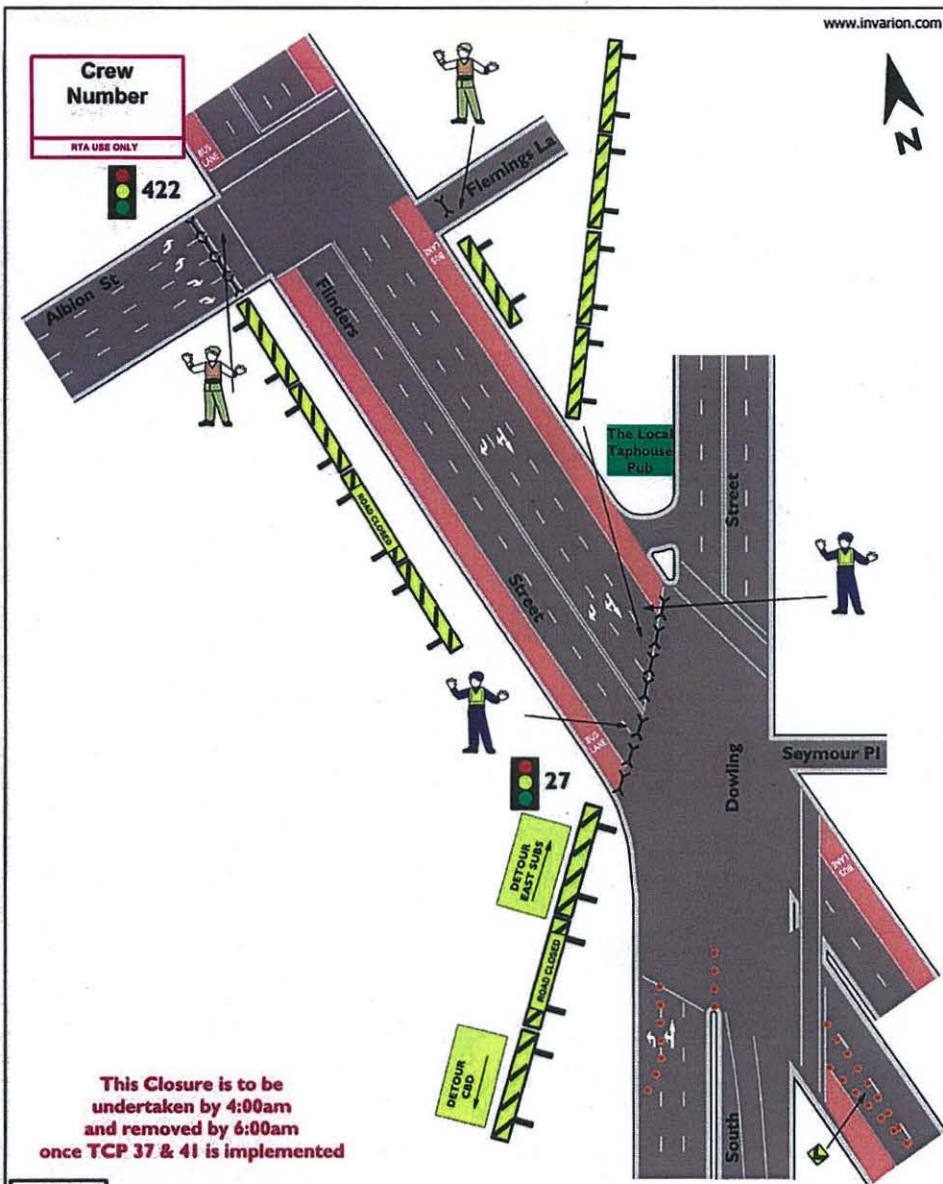


TCP No.: <b>39B</b>		Closure of Flinders St at Moore park Rd, Moore Park			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Remove barricades & signs		0600	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	1	Field of Play Marshal		0600	Scale: Not to Scale

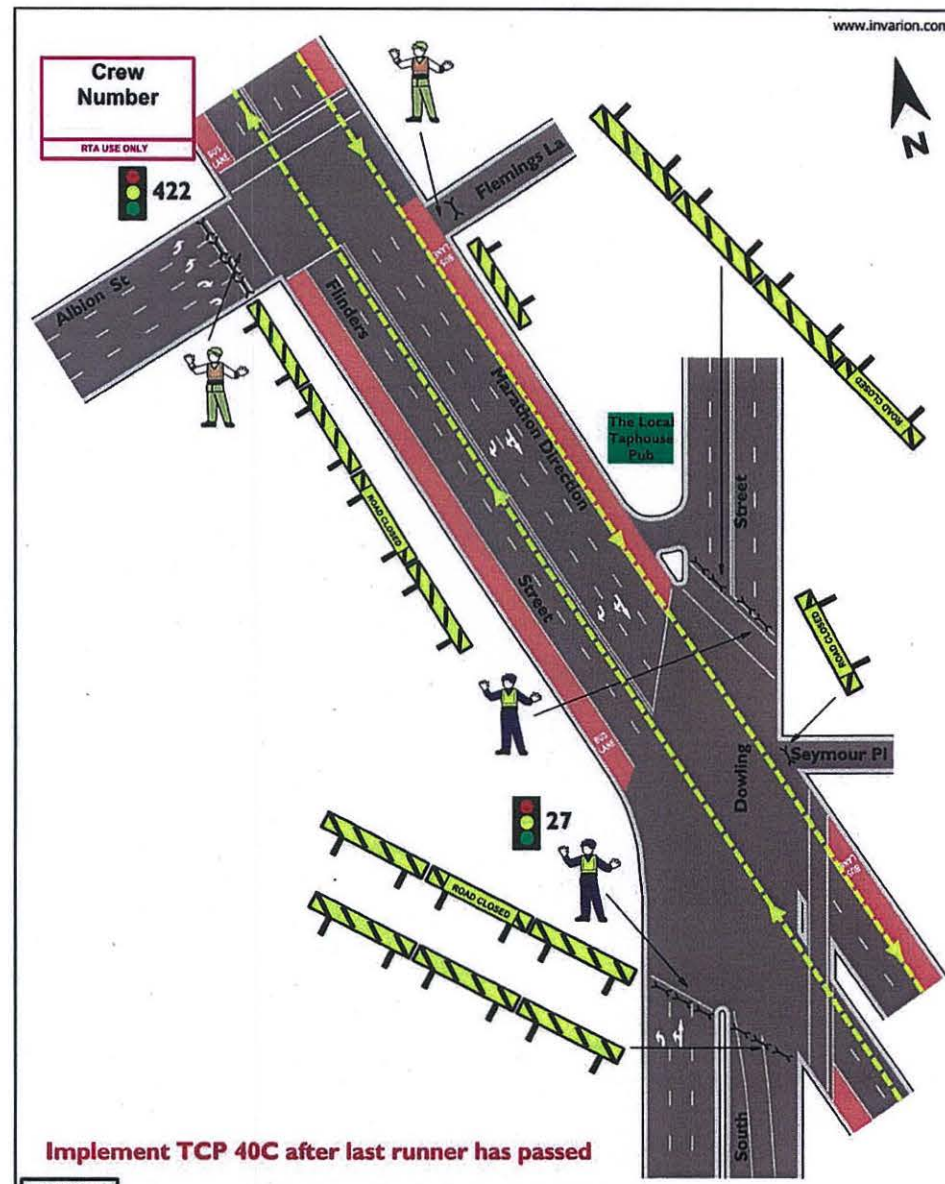


TCP No.: <b>39C</b>		Closure of Flinders St at Moore park Rd, Moore Park			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs		1130	Date Updated: 29.06.12
POLICE	1	Maintain closure		1130	Drawn: Major Events
TRAFFIC MARSHALS	1	Maintain closure		1130	Scale: Not to Scale

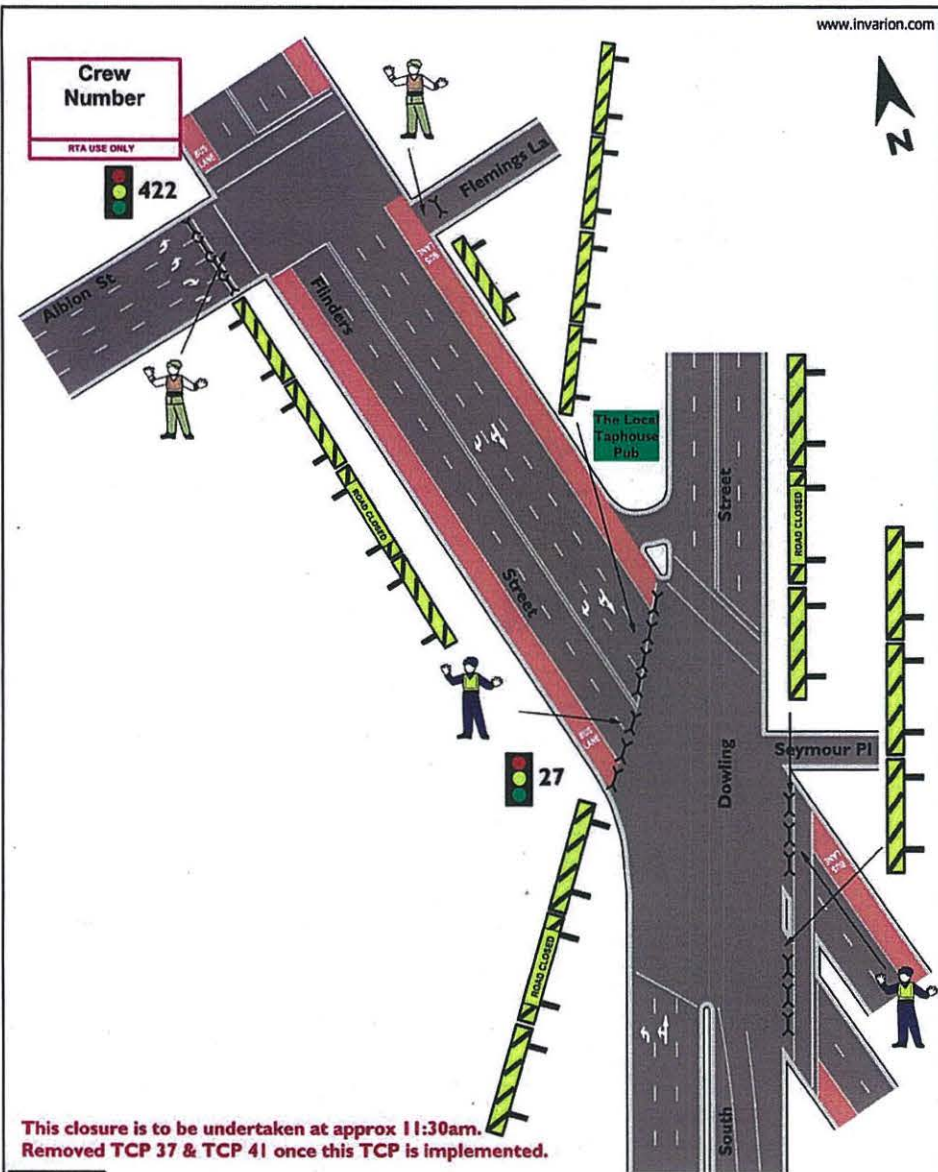




TCP No.: <b>40A</b>		Full Road Closure South Dowling St Both Sides of Flinders St and Seymour Pl, Closure of Flemings Ln and Albion St, Moore Park				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0400-0600	Date Updated: 29.06.12	
POLICE	2	Monitor traffic flow		0400-0600	Drawn: Major Events	
TRAFFIC MARSHALS	2	Maintain closure		0400-0600	Scale: Not to Scale	

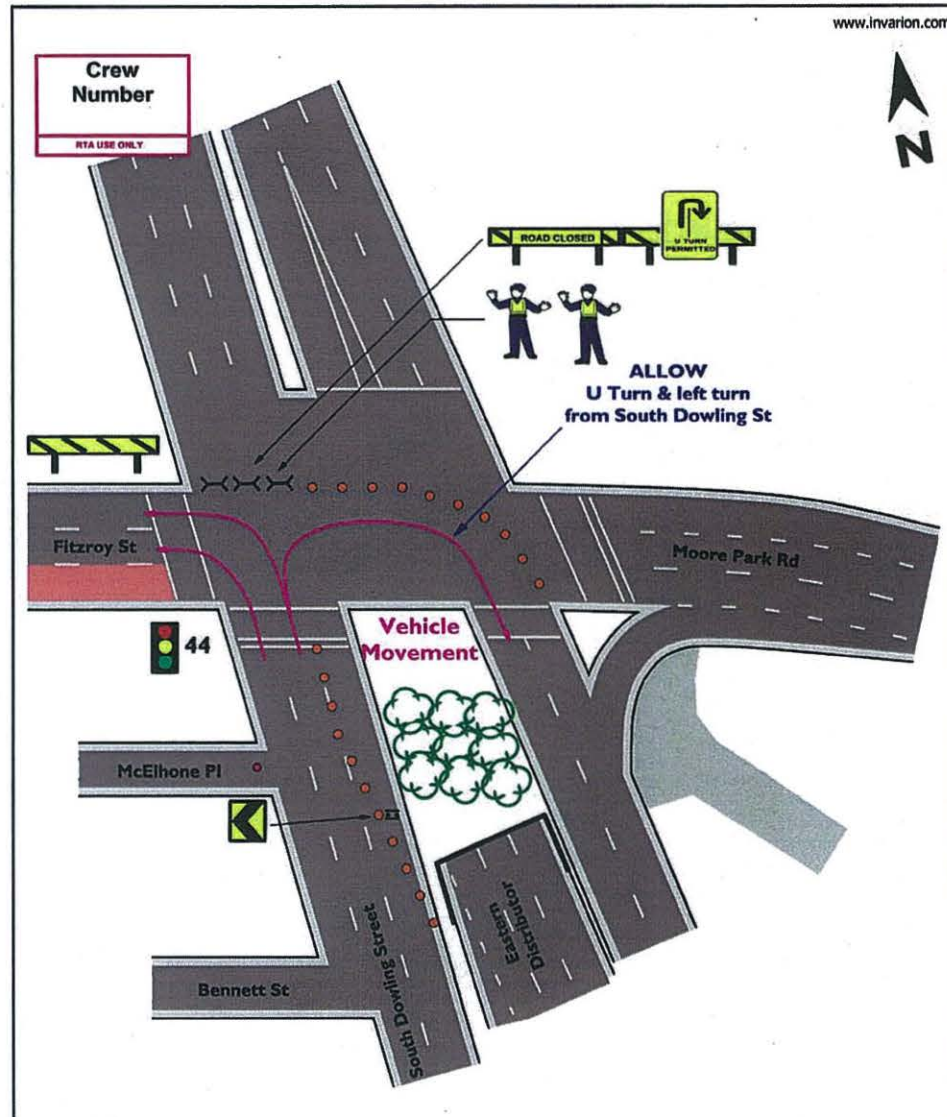


TCP No.: <b>40B</b>		Full Road Closure South Dowling St Both Sides of Flinders St and Seymour Pl, Closure of Flemings Ln and Albion St, Moore Park				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0600	Date Updated: 29.06.12	
POLICE	2	Monitor traffic flow		0600	Drawn: Major Events	
TRAFFIC MARSHALS	2	Maintain closure		0600	Scale: Not to Scale	



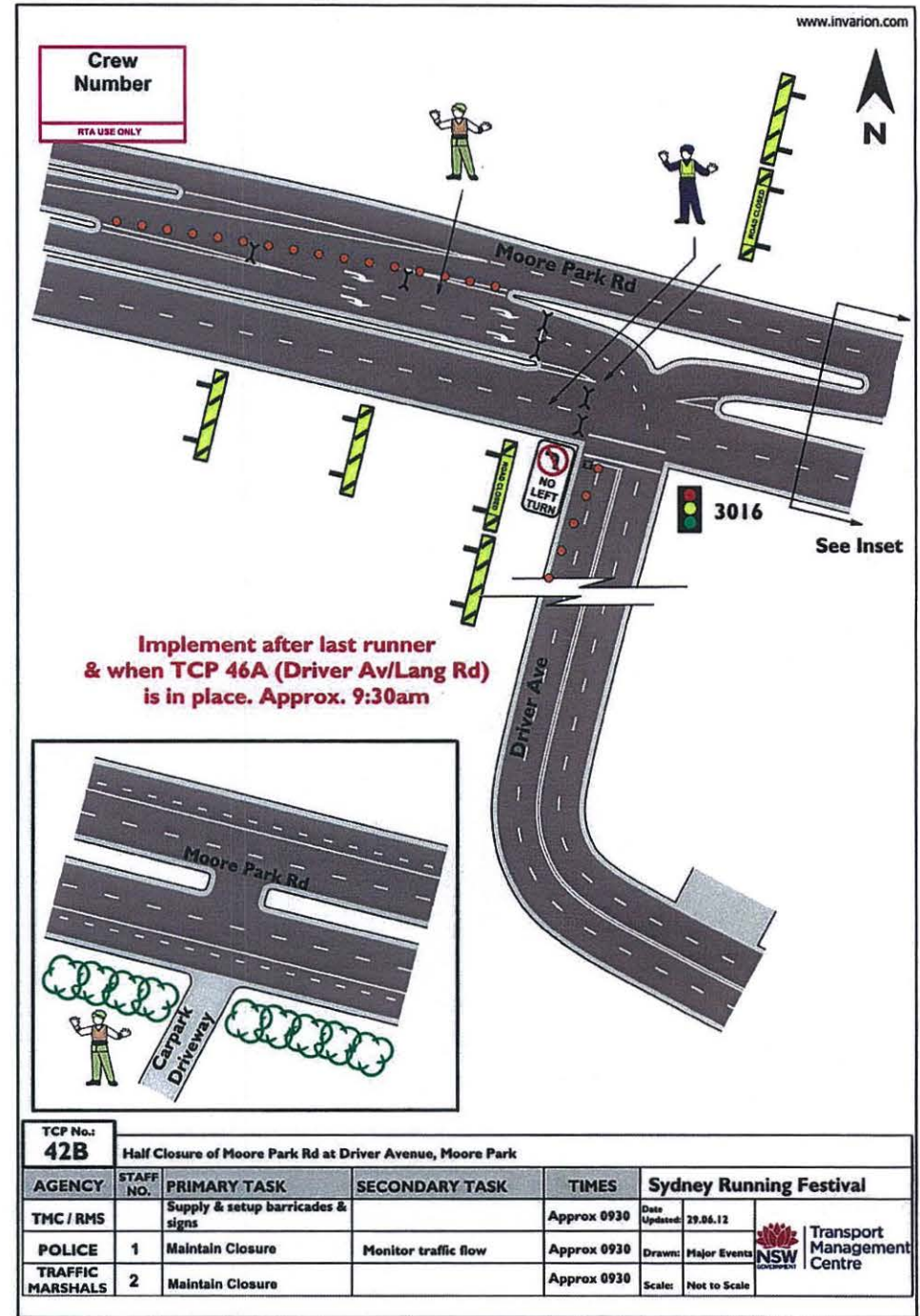
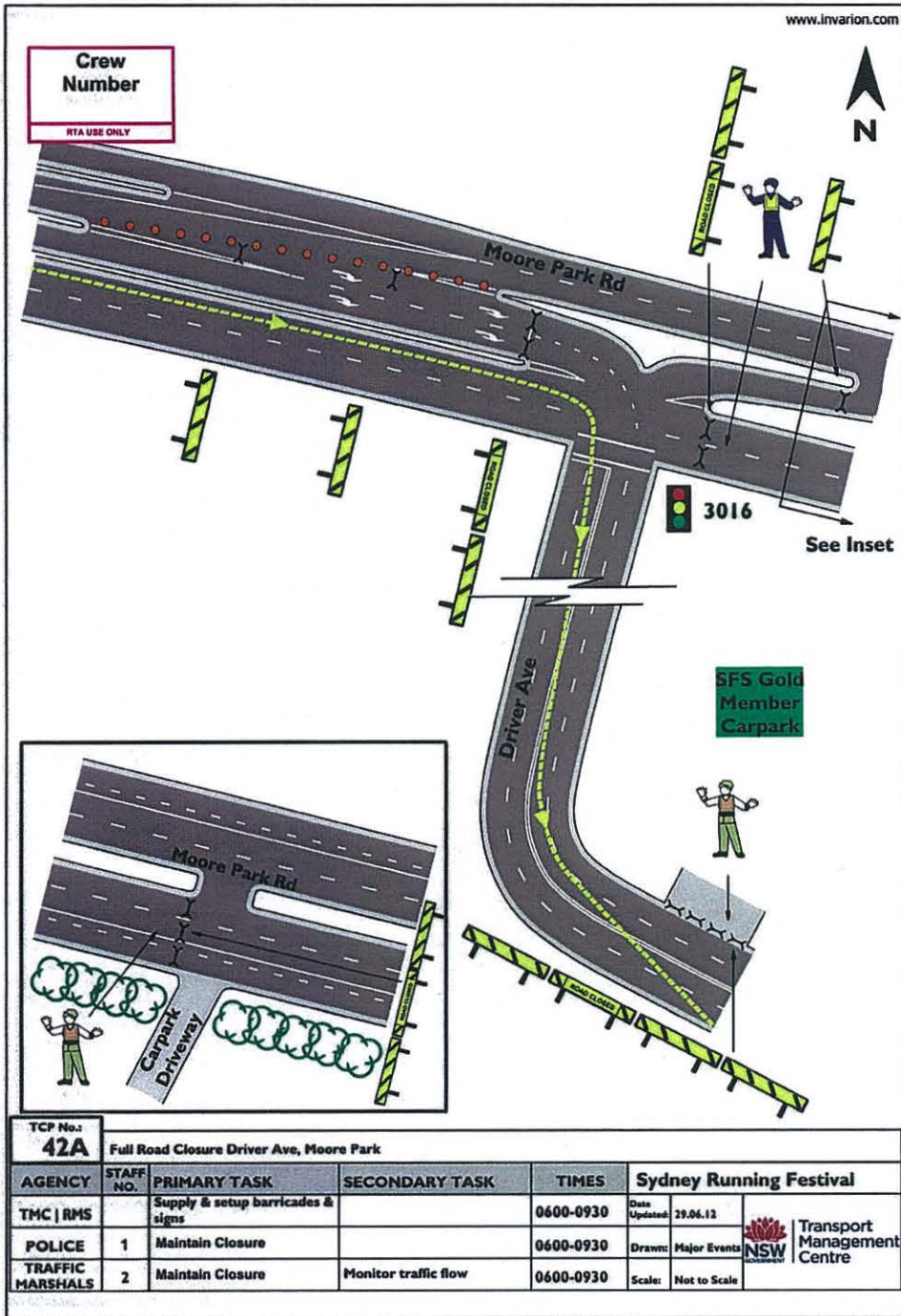
This closure is to be undertaken at approx 11:30am.  
Removed TCP 37 & TCP 41 once this TCP is implemented.

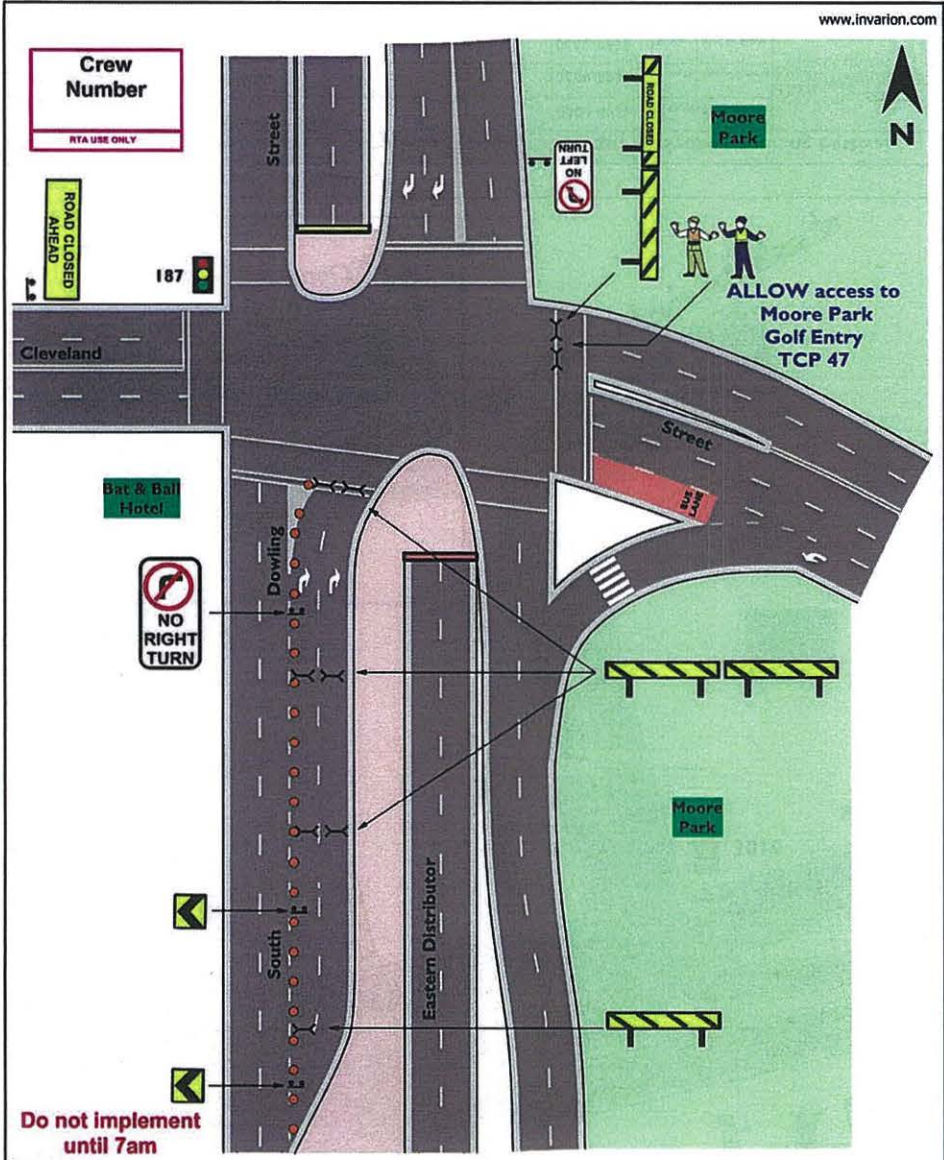
TCP No.: <b>40C</b>		Full Road Closure South Dowling St Both Sides of Flinders St and Seymour Pl, Closure of Flemings Ln and Albion St, Moore Park				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		Approx 1130	Date Updated: 29.06.12	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

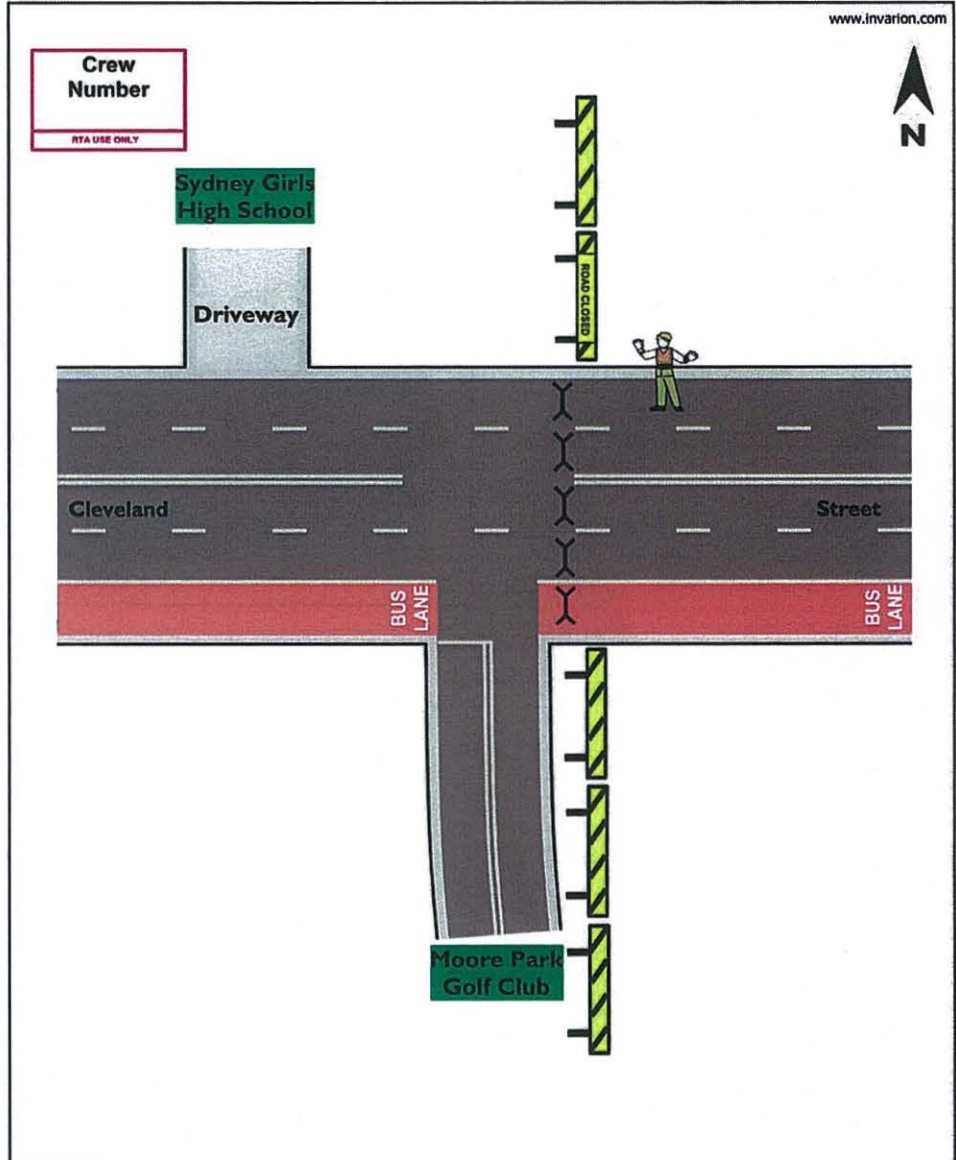
TCP No.: <b>41</b>		Closure of South Dowling St Northern Side of Fitzroy St, Surry Hills				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0600	Date Updated: 29.06.12	Transport Management Centre
POLICE	2	Monitor traffic flow		0600	Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	



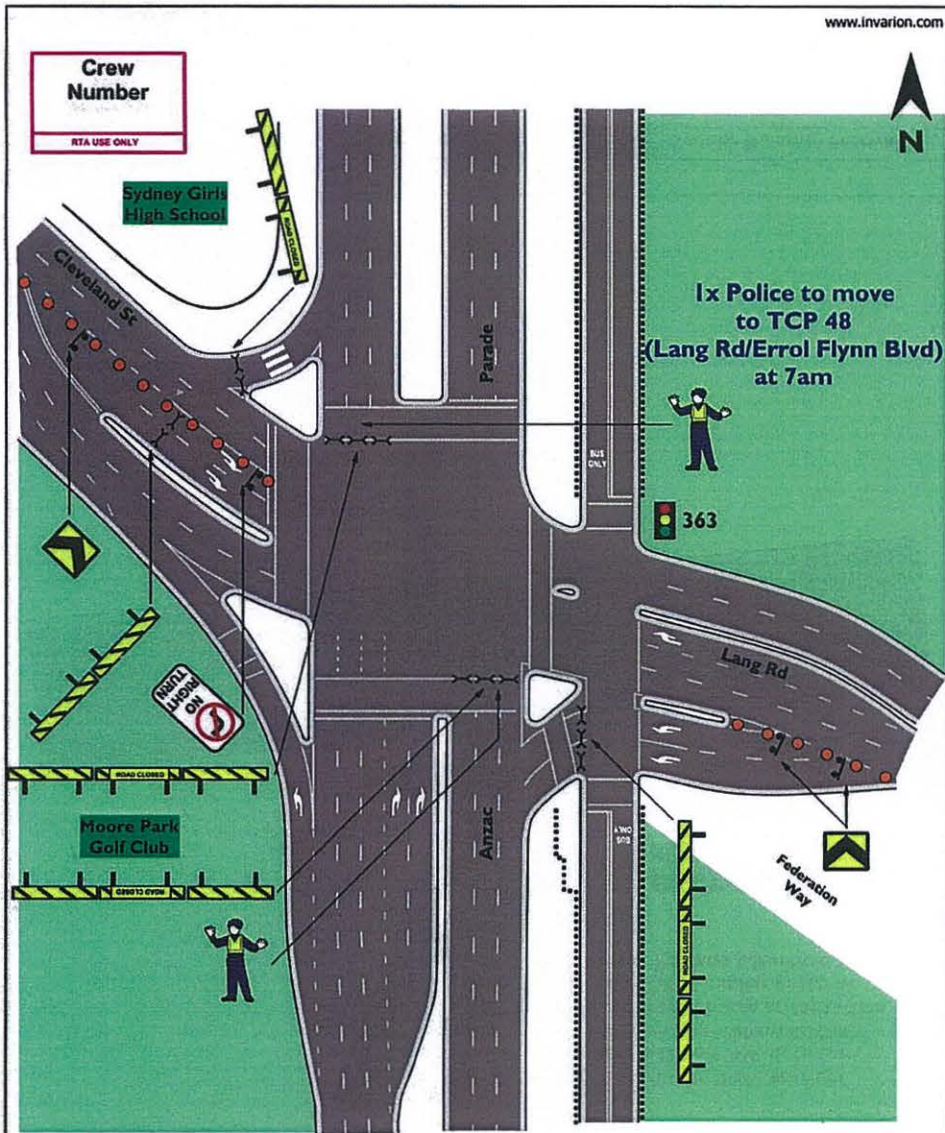


**Do not implement until 7am**

TCP No.: <b>43</b>		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	Transport Management Centre
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.: <b>44</b>		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	Transport Management Centre
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	1	Monitor traffic flow		0700	Scale: Not to Scale	

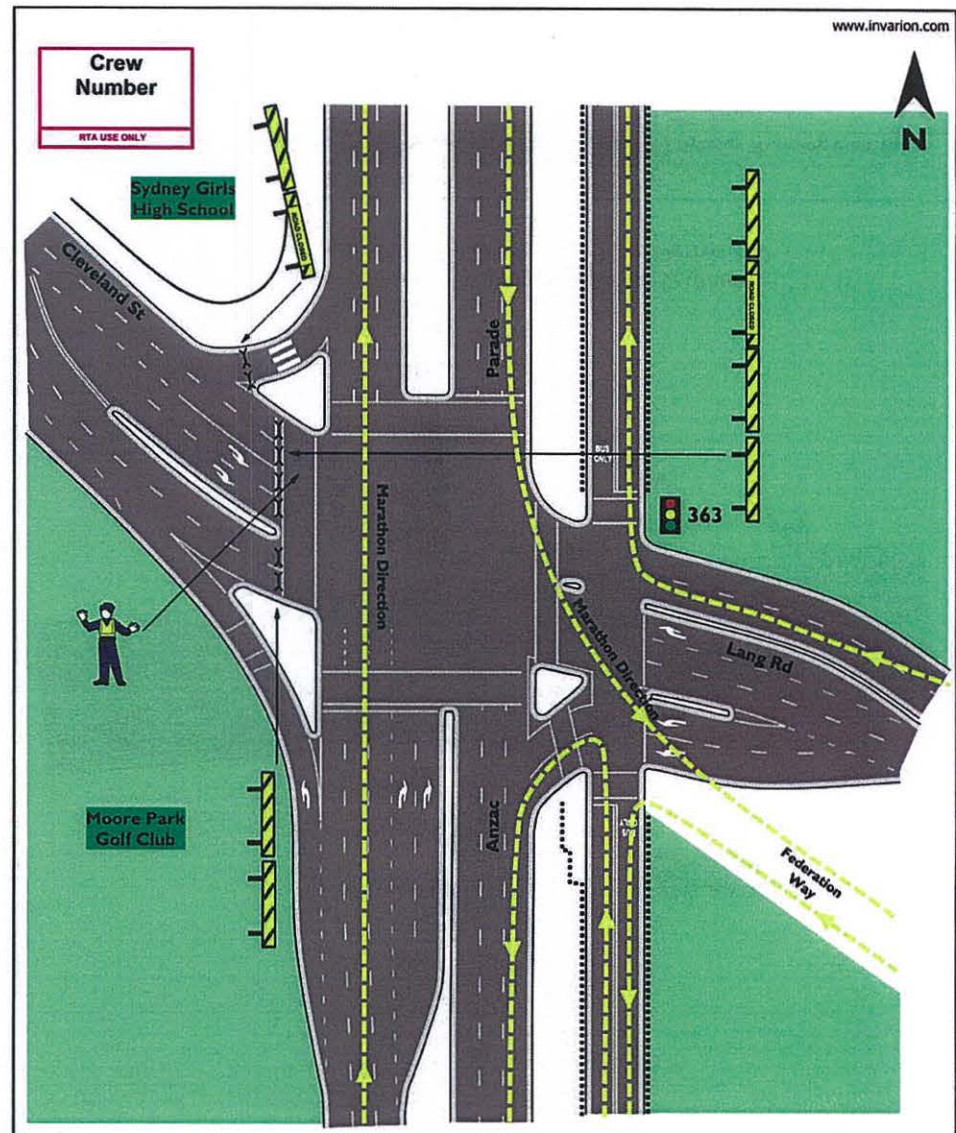


1x Police to move to TCP 48 (Lang Rd/Errol Flynn Blvd) at 7am

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Allow Crossover until 7:00am

TCP No.: <b>45A</b>		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: 29.06.12	 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

Sydney Girls High School

Cleveland St

Parade

Marathon Direction


Anzac

Lang Rd

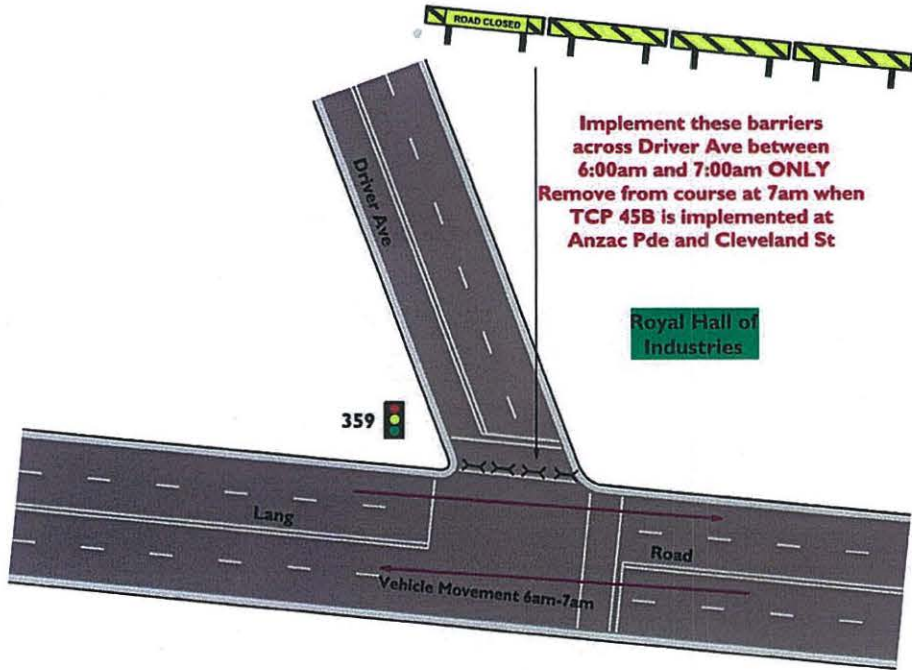
Moore Park Golf Club

Federation Way

363

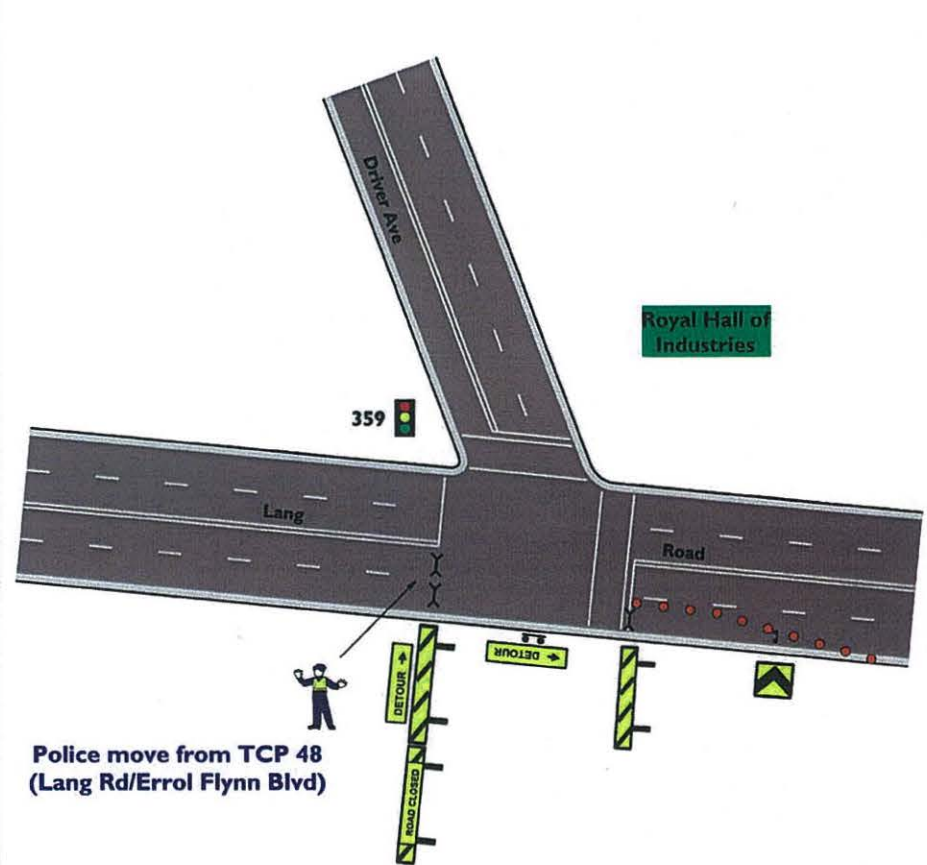
TCP No.: <b>45B</b>		Full Road Closure Anzac Parade, Moore Park				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0700	Date Updated: 29.06.12	 Transport Management Centre
POLICE	1	Maintain closure		0700	Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

**Crew Number**  
RTA USE ONLY



TCP No.: <b>46A</b>		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	

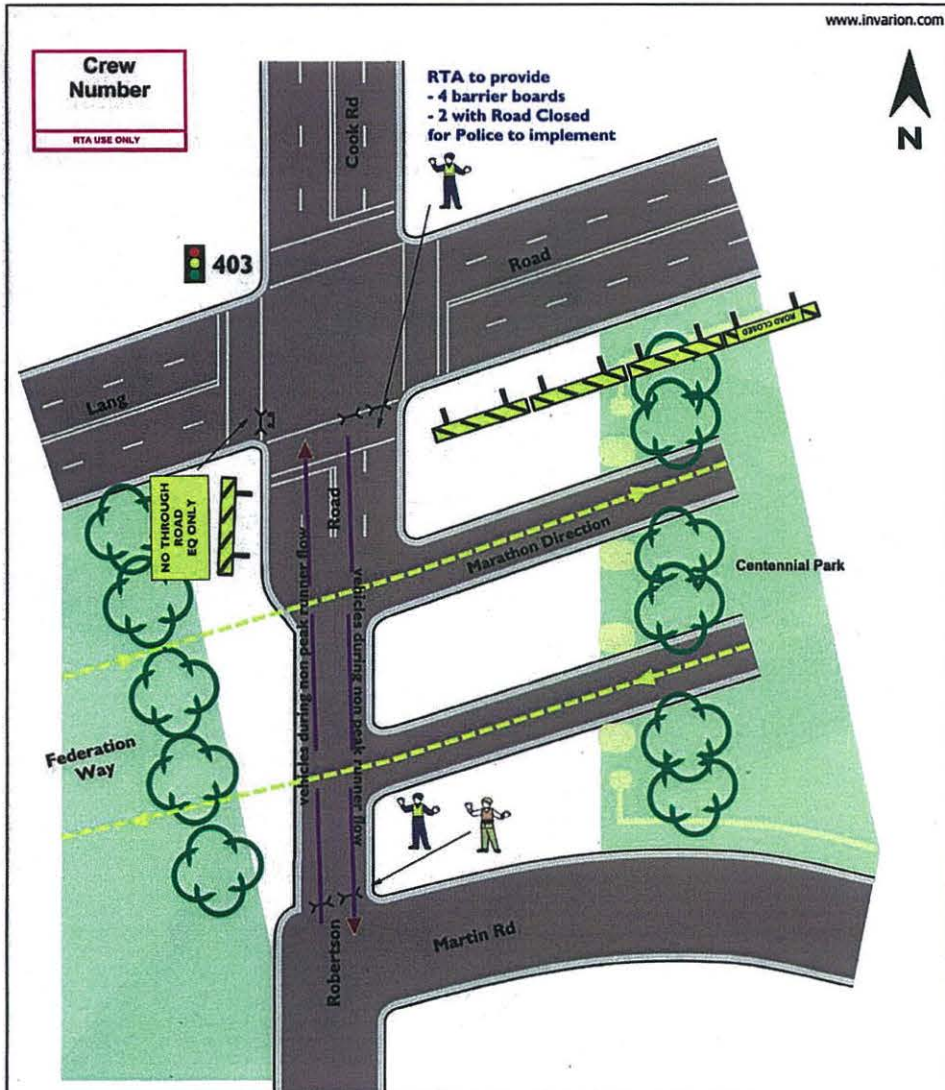
**Crew Number**  
RTA USE ONLY



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.: <b>46B</b>		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	

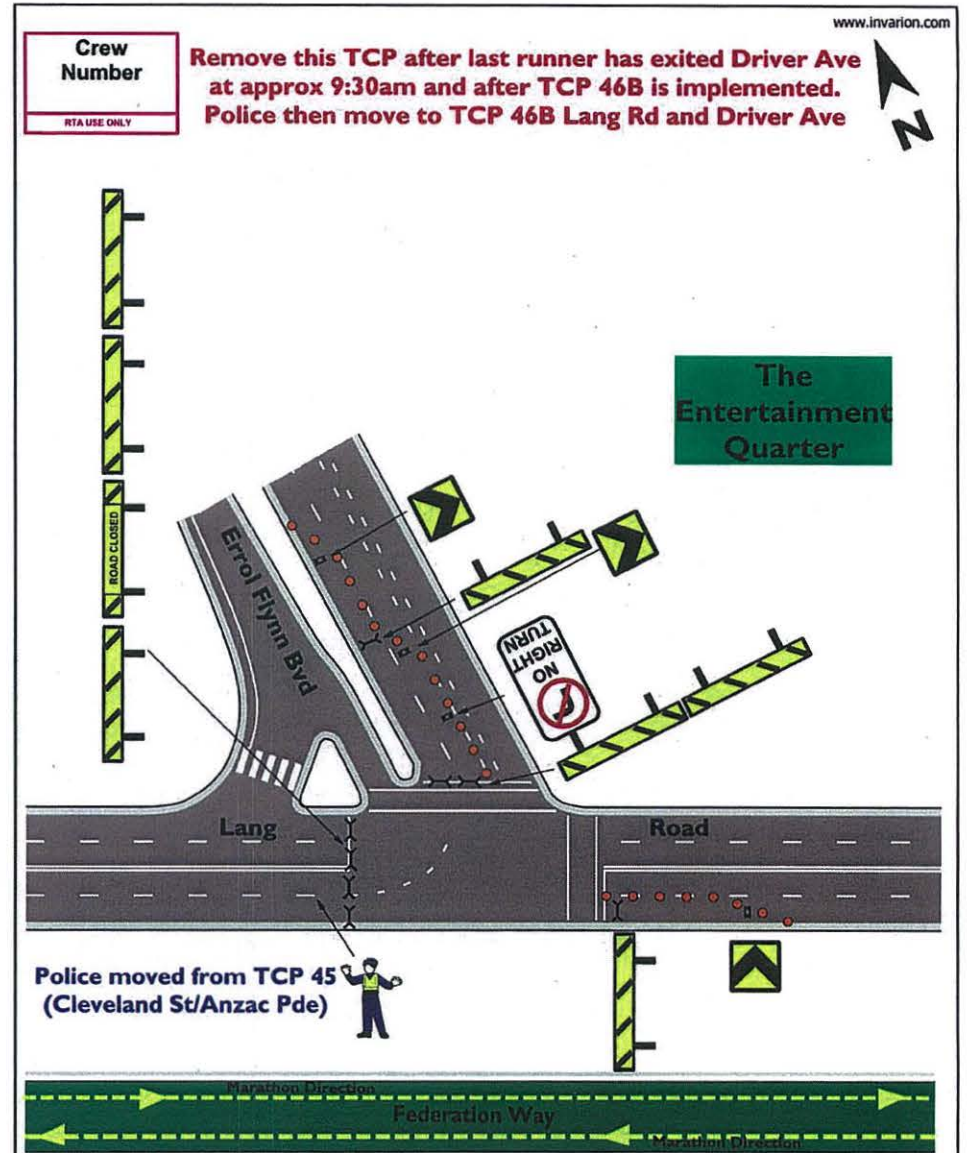


RTA to provide  
 - 4 barrier boards  
 - 2 with Road Closed for Police to implement

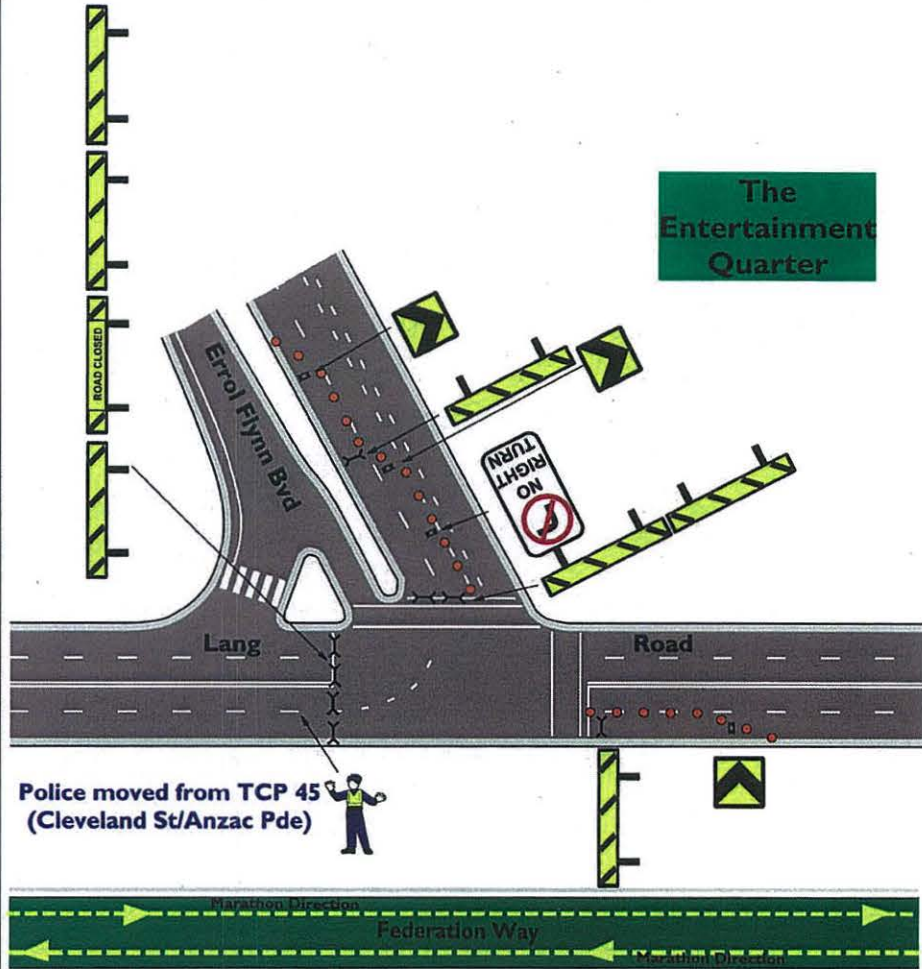
**Crew Number**  
 RTA USE ONLY

**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.:	<b>47</b>				
	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



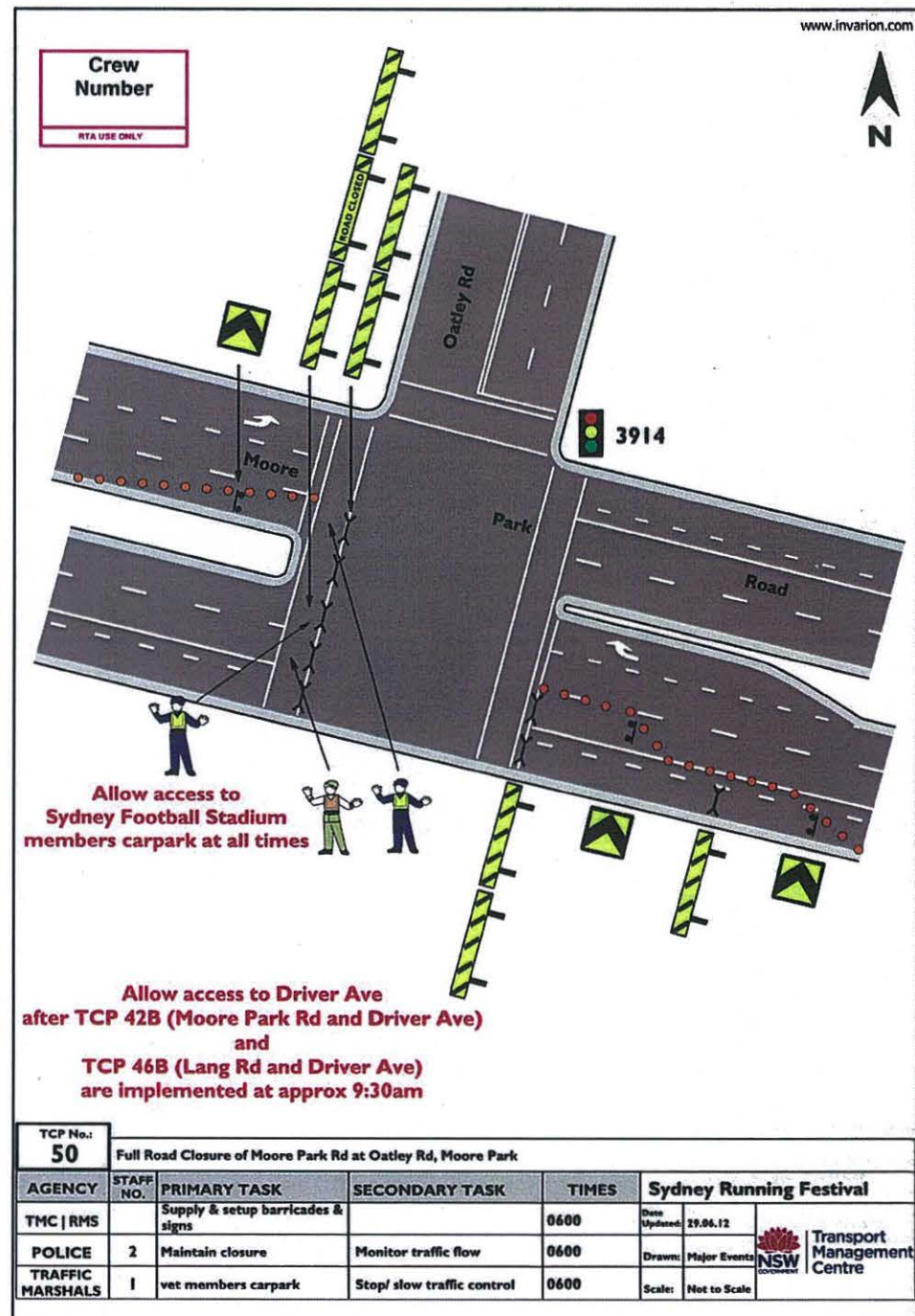
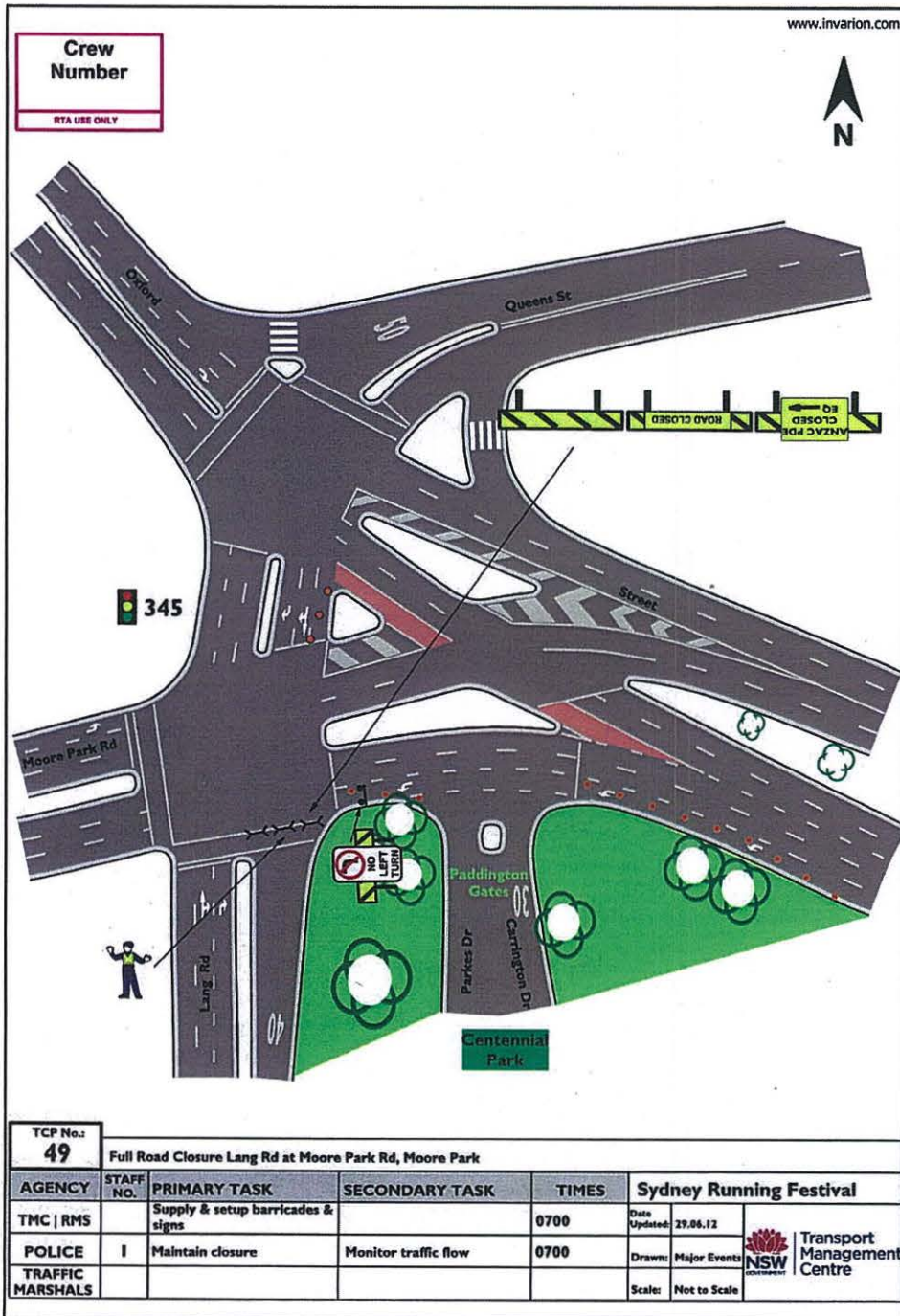
**Remove this TCP after last runner has exited Driver Ave at approx 9:30am and after TCP 46B is implemented. Police then move to TCP 46B Lang Rd and Driver Ave**



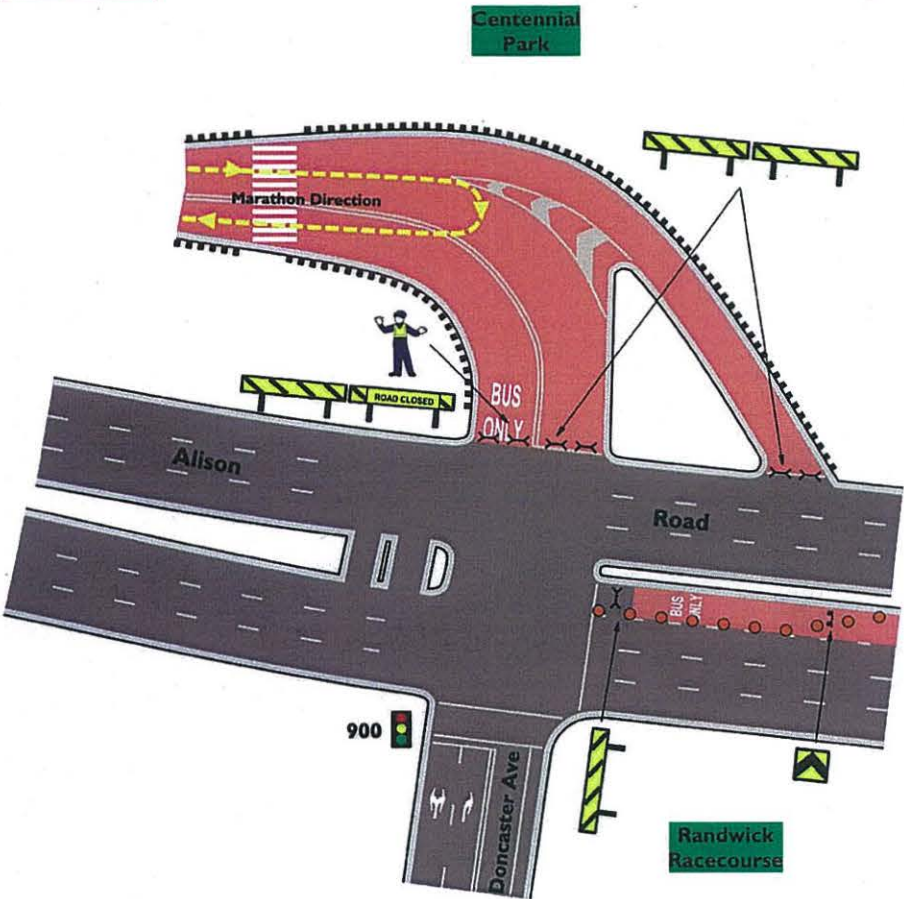
Police moved from TCP 45 (Cleveland St/Anzac Pde)

TCP No.:	<b>48</b>				
	Full Closure of Lang Rd western side of Errol Flynn Blvd, 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





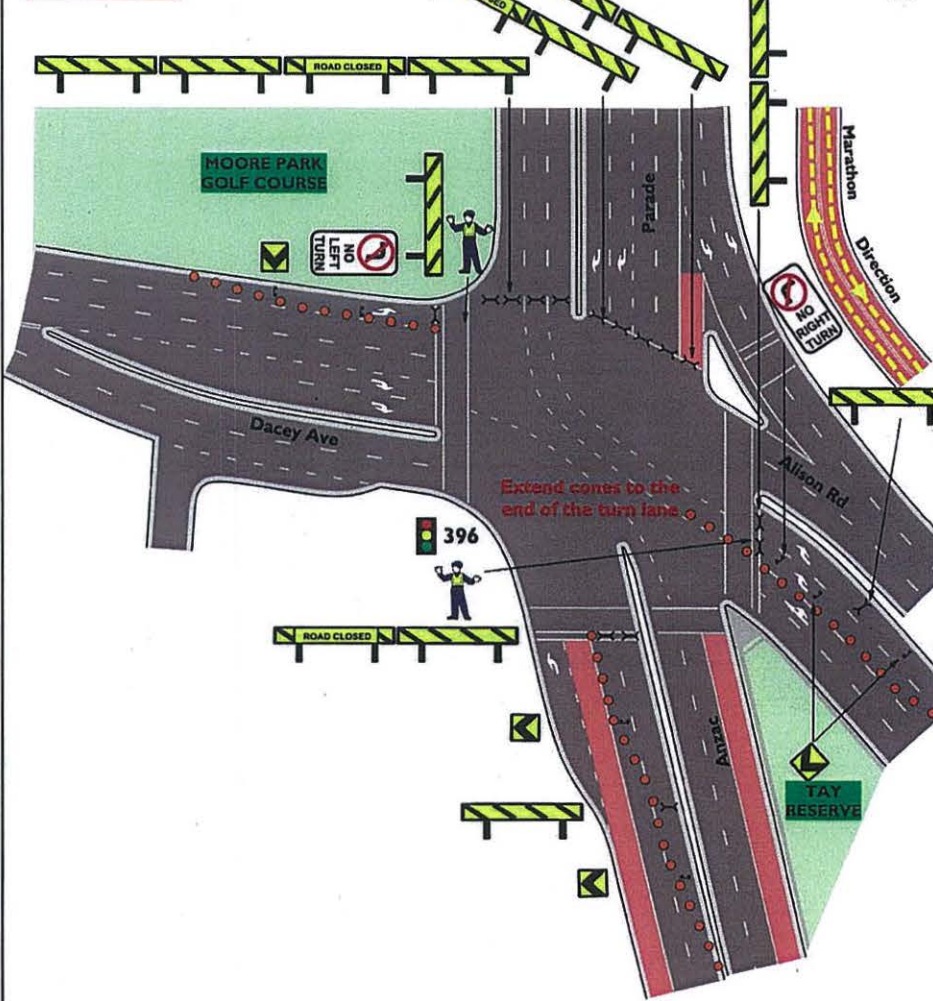
**Crew Number**  
RTA USE ONLY



TCP No.: <b>51</b>		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



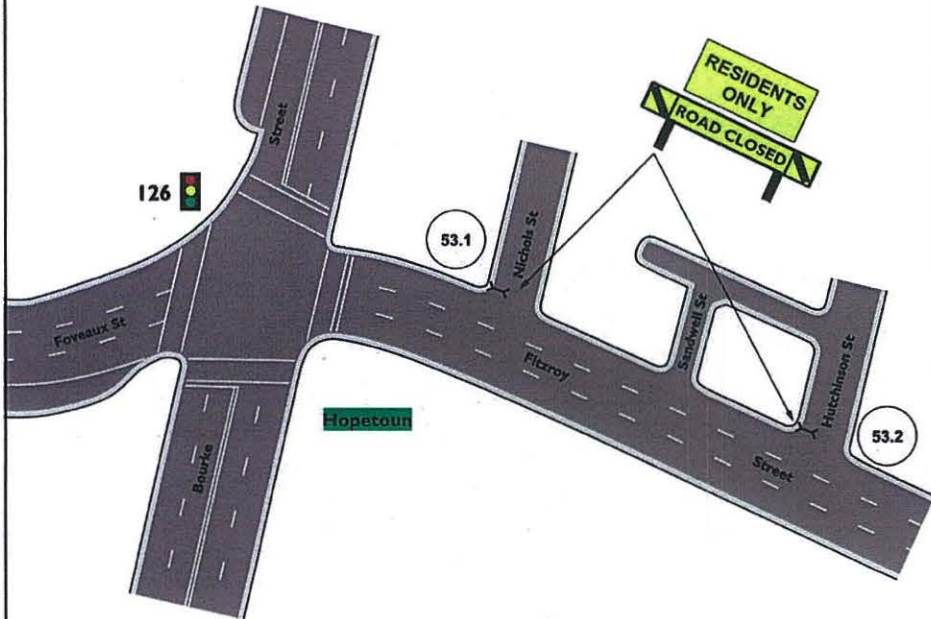
**Crew Number**  
RTA USE ONLY



TCP No.: <b>52</b>		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

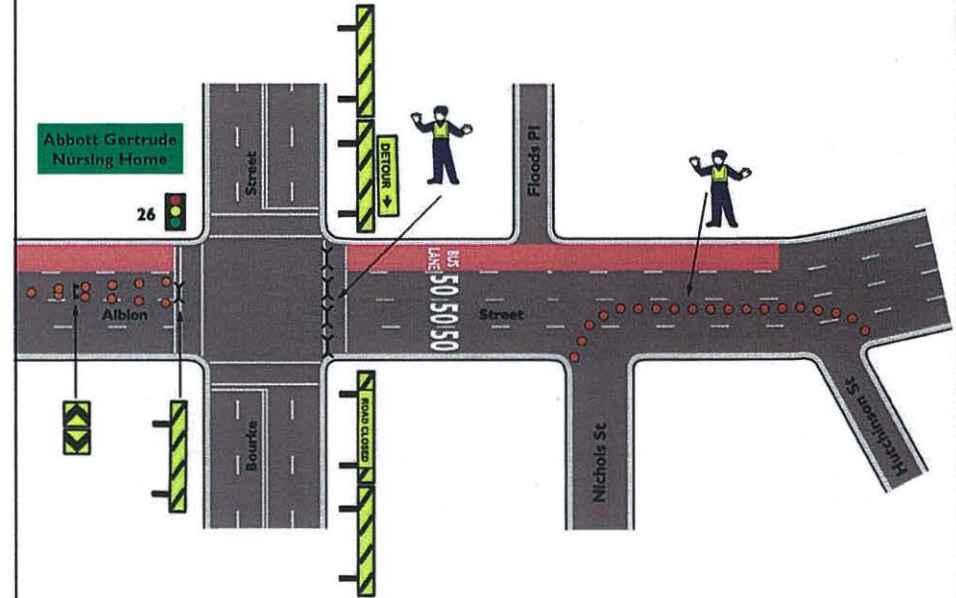


**Crew Number**  
RTA USE ONLY



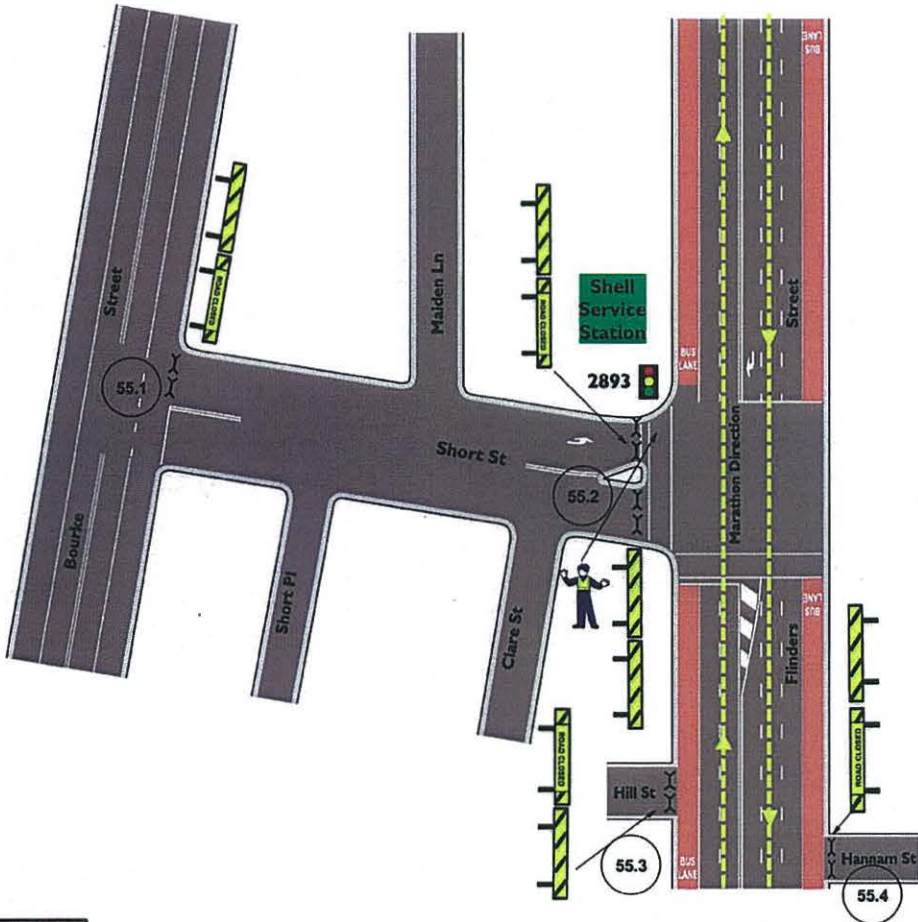
TCP No.: <b>53</b>		Closure of Nichols St and Hutchinson St at Fitzroy St, Surry Hills				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs	Remove barricades & signs at approx 1200	0400	Date Updated:	29.06.12
POLICE					Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale
					Transport Management Centre	

**Crew Number**  
RTA USE ONLY



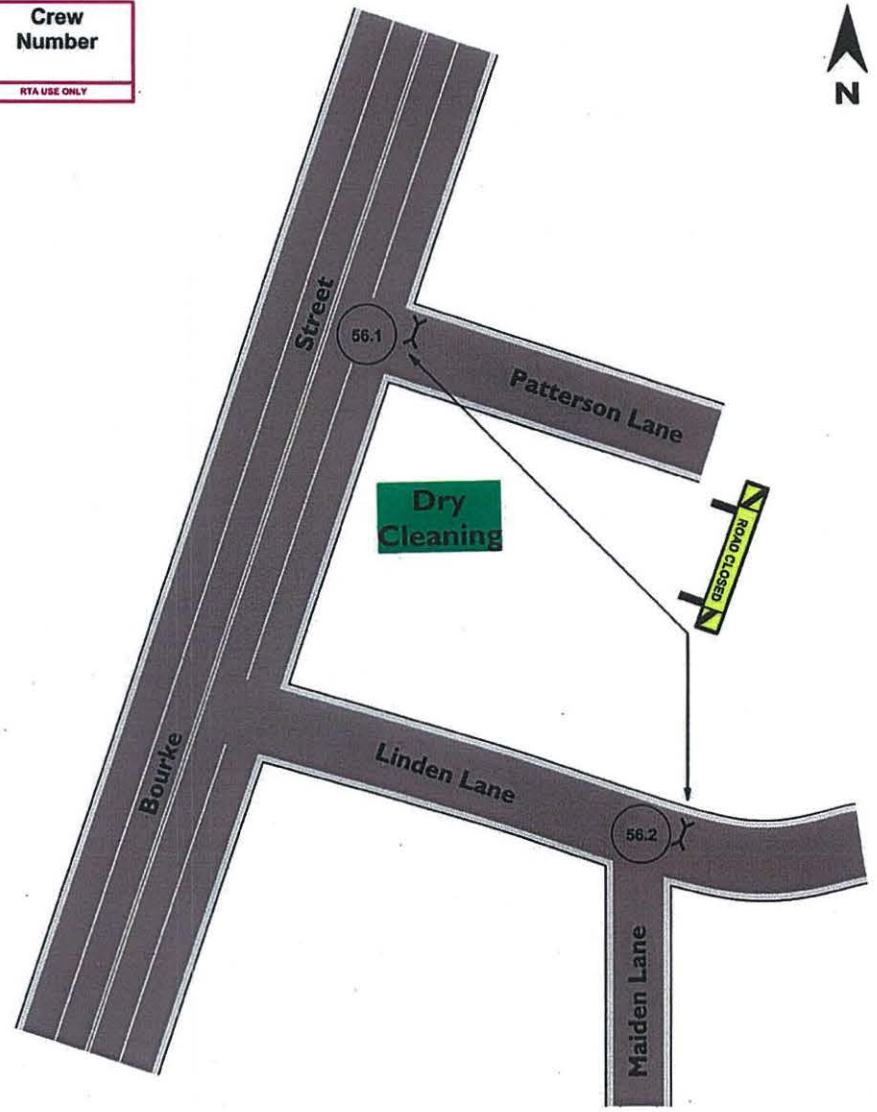
TCP No.: <b>54</b>		Full Closure of Albion St East of Bourke St, Surry Hills Access for residents between Hutchinson St and Nichols St				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	2	Maintain closure	Monitor traffic flow	0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale
					Transport Management Centre	

**Crew Number**  
RTA USE ONLY



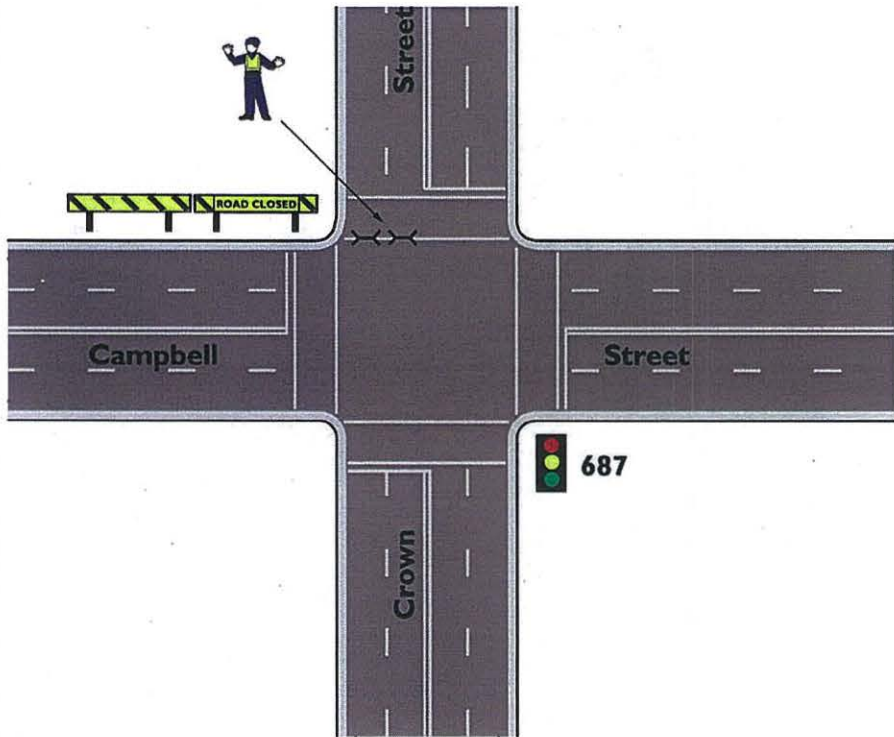
TCP No.: <b>55</b>		Closure of Short St at Bourke St and Flinders St, Surry Hills				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale

**Crew Number**  
RTA USE ONLY



TCP No.: <b>56</b>		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

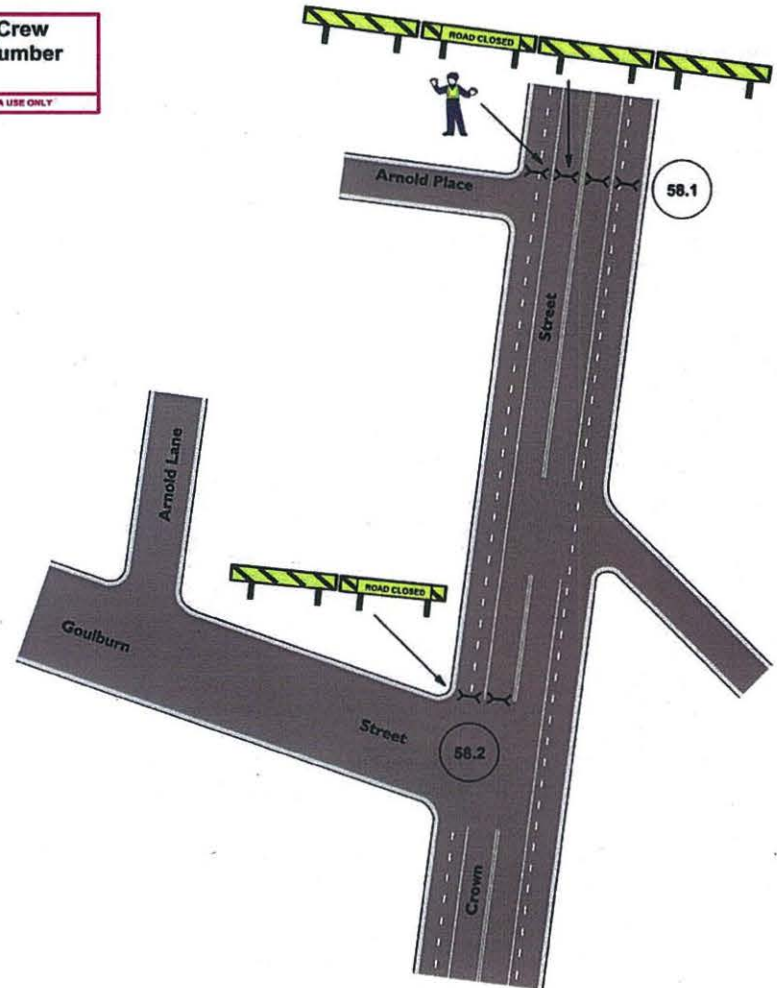
**Crew Number**  
RTA USE ONLY



TCP No.: <b>57</b>		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



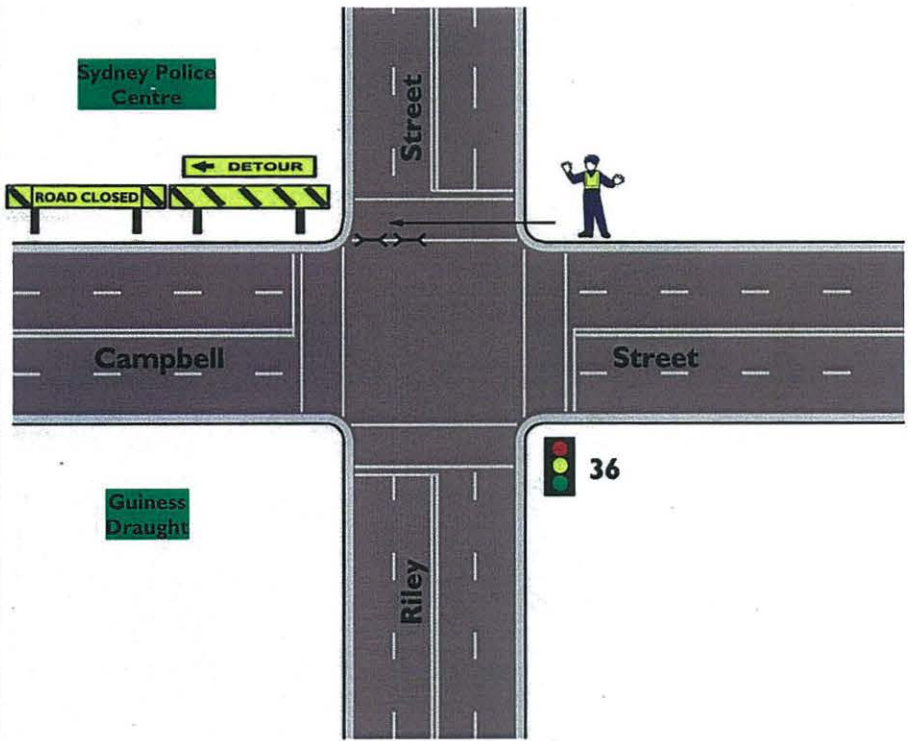
**Crew Number**  
RTA USE ONLY



TCP No.: <b>58</b>		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

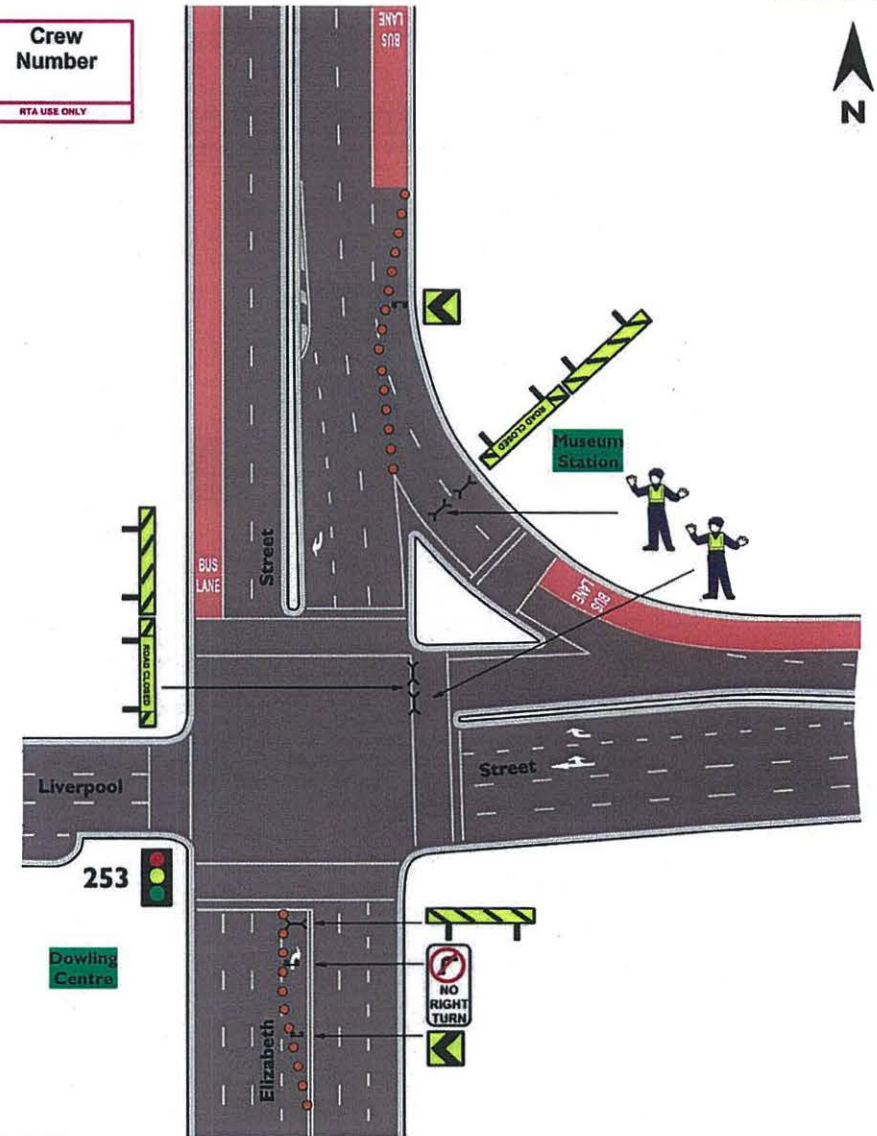


**Crew Number**  
RTA USE ONLY



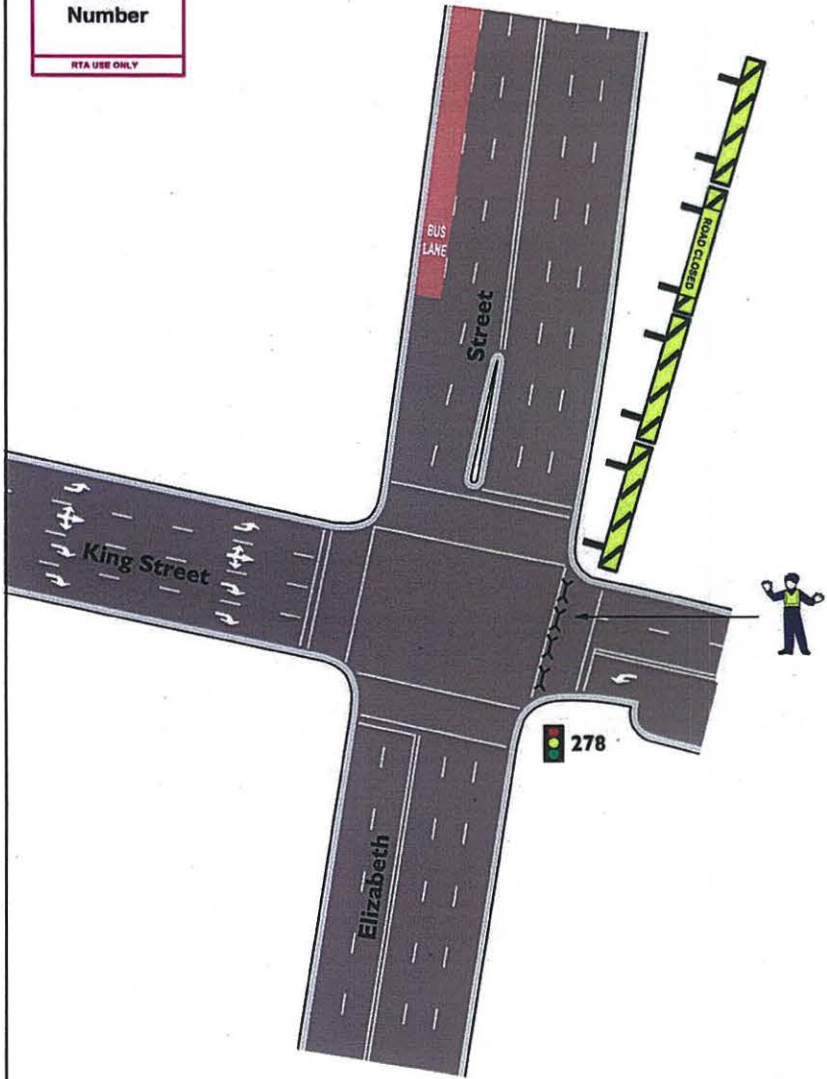
TCP No.: <b>59</b>		Half Closure of Riley St Northern Side of Campbell St, Surry Hills			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0400	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

**Crew Number**  
RTA USE ONLY



TCP No.: <b>60</b>		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

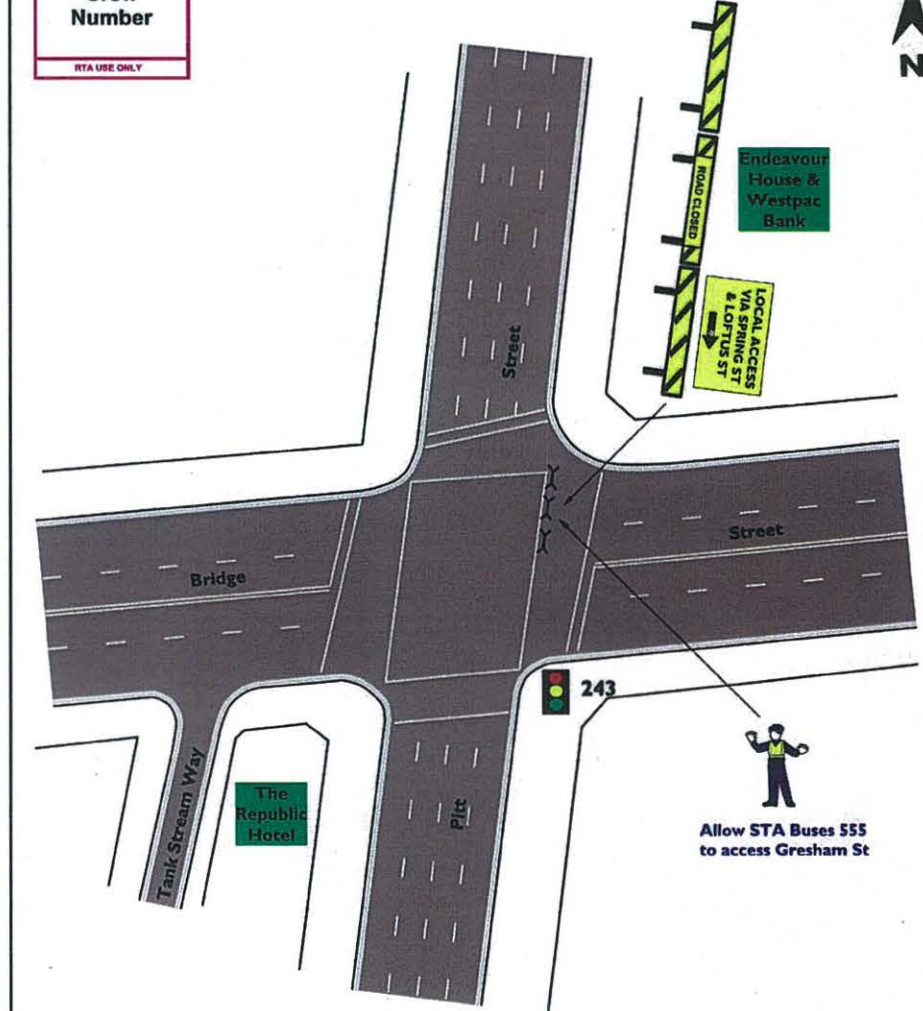
**Crew Number**  
RTA USE ONLY



TCP No.: <b>61</b>		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

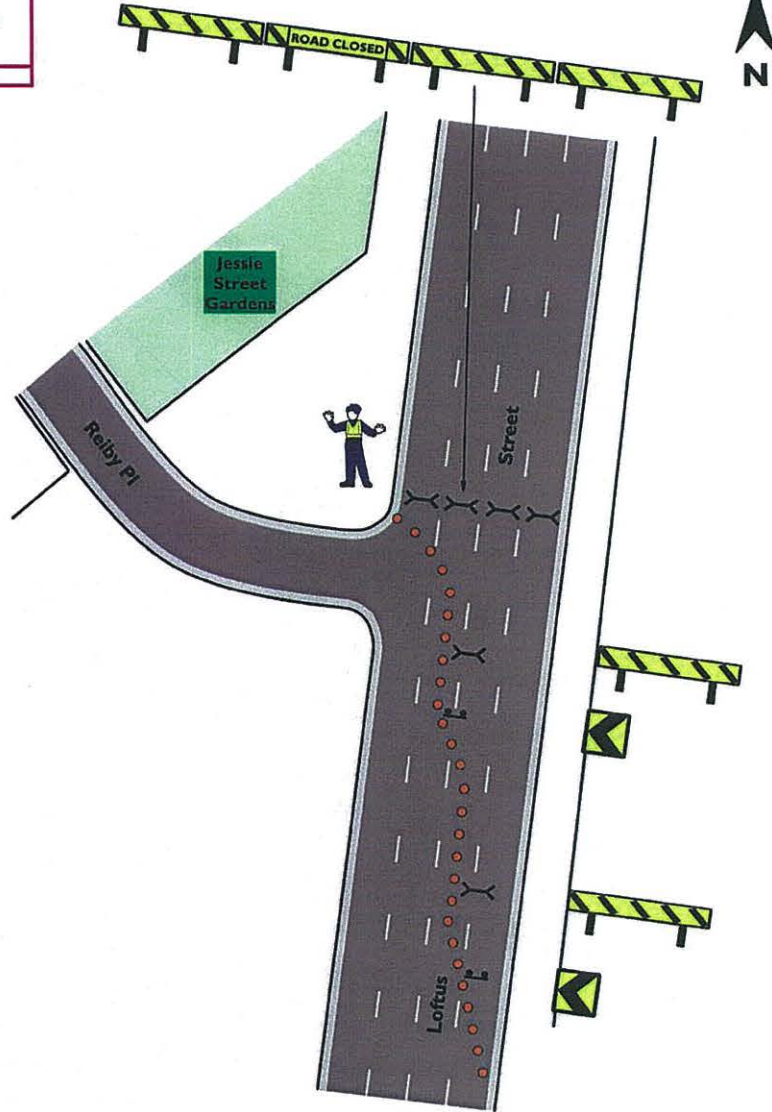



TCP No.: <b>62</b>		Half Road Closure Bridge St Eastern side of Pitt St, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale

Allow STA Buses 555 to access Gresham St

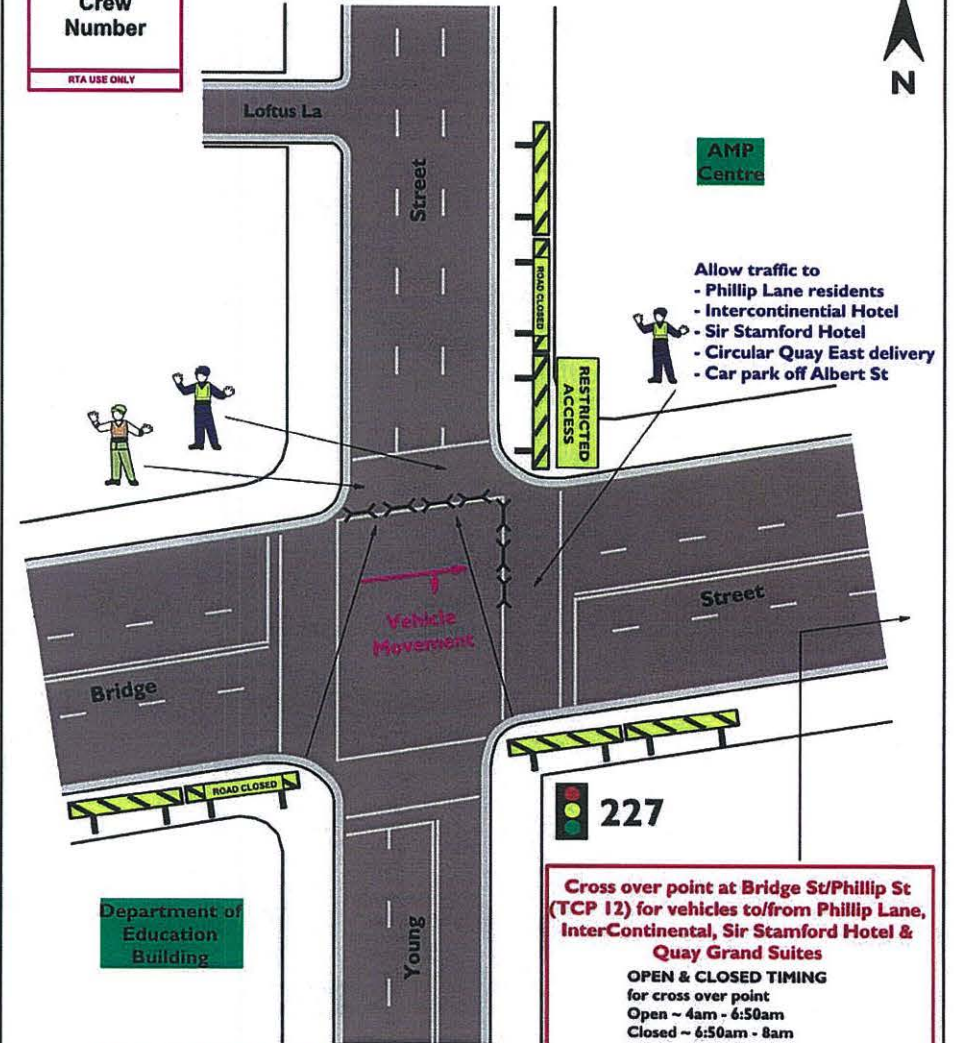


**Crew Number**  
RTA USE ONLY



TCP No.: <b>63</b>		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



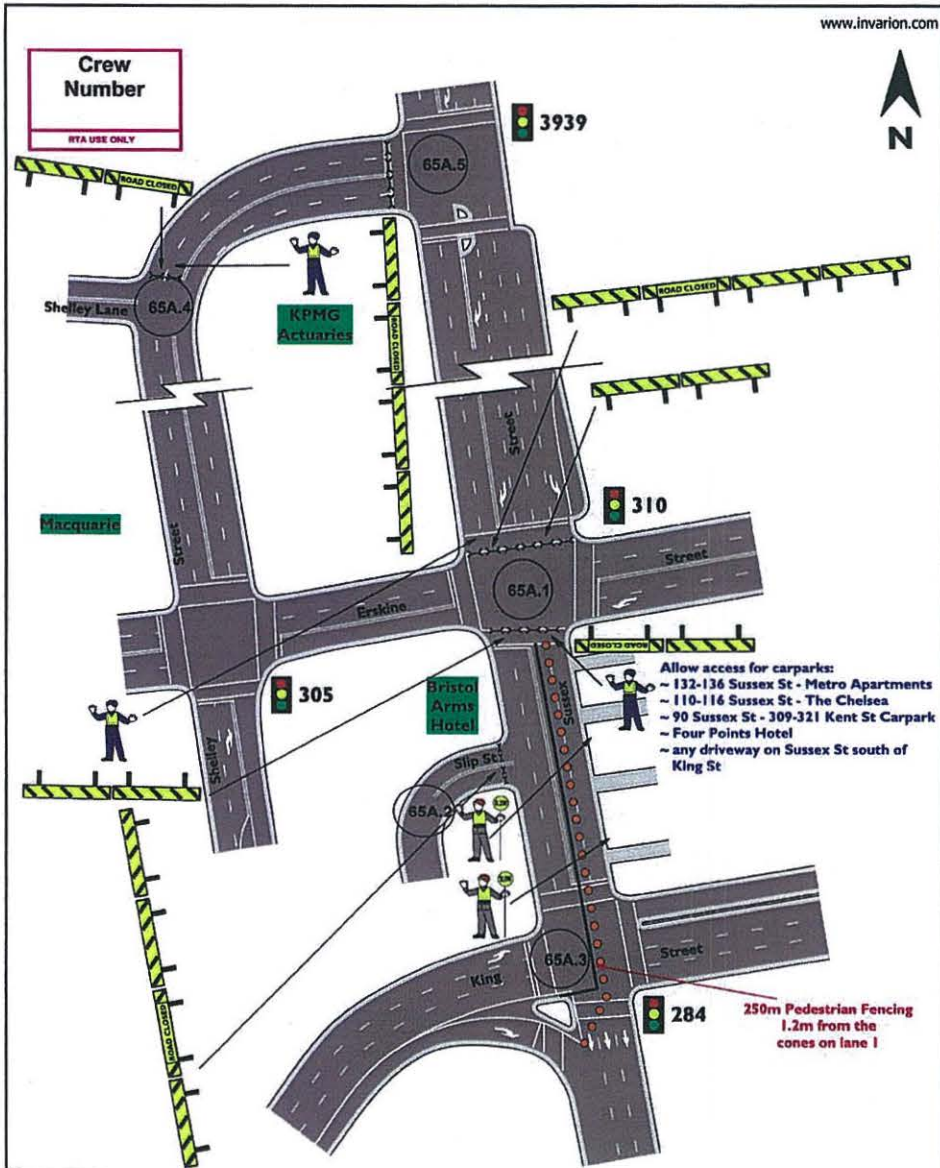
Please refer to Local Access Map for further detail on permitted vehicle movements.

**Cross over point at Bridge St/Phillip St (TCP 12) for vehicles to/from Phillip Lane, InterContinental, Sir Stamford Hotel & Quay Grand Suites**

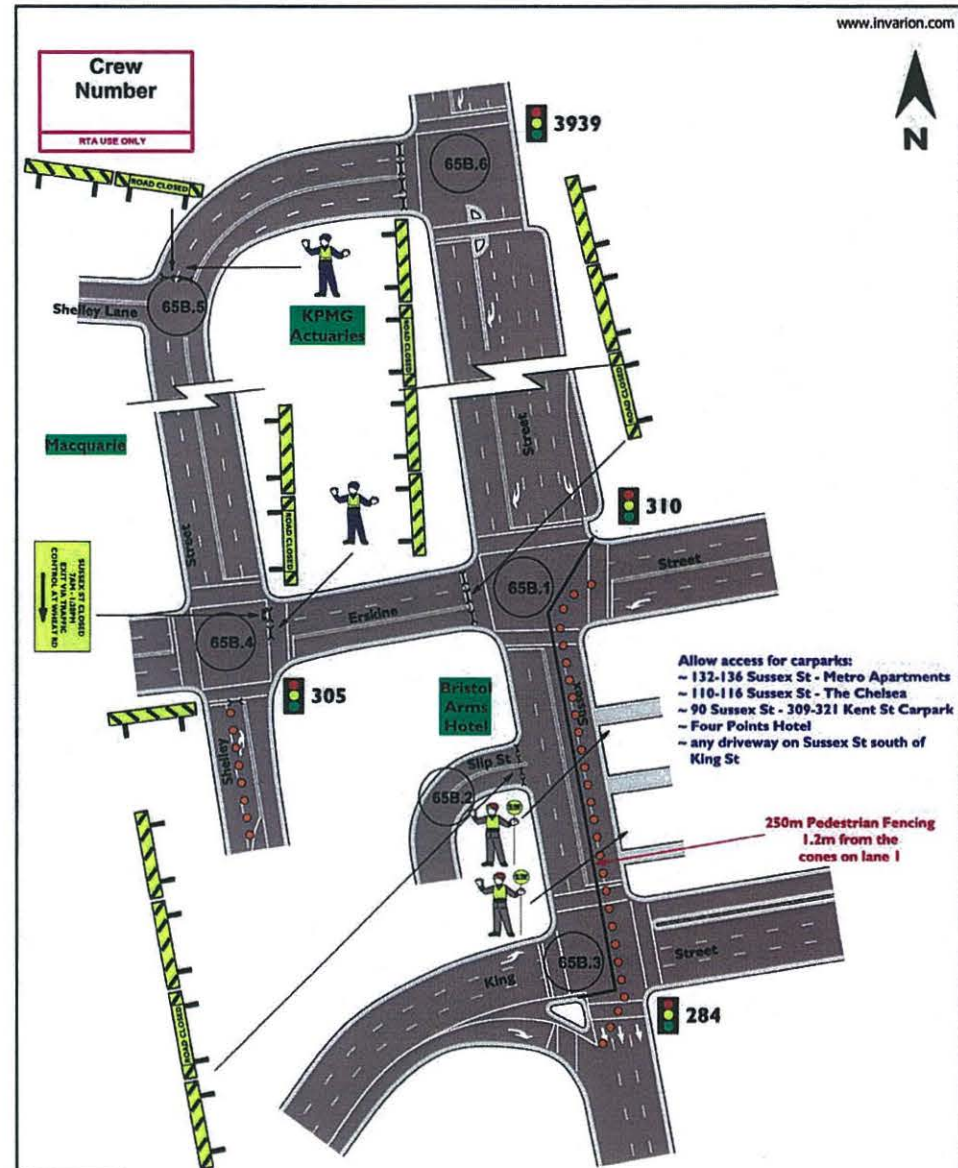
**OPEN & CLOSED TIMING for cross over point**  
 Open ~ 4am - 6:50am  
 Closed ~ 6:50am - 8am  
 Open ~ 8am - 8:30am  
 Limited access ~ 8:30am - 11:50am  
 Open ~ 11:50am - 12 Midday  
 Roads reopen 12 Midday

TCP No.: <b>64</b>		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	



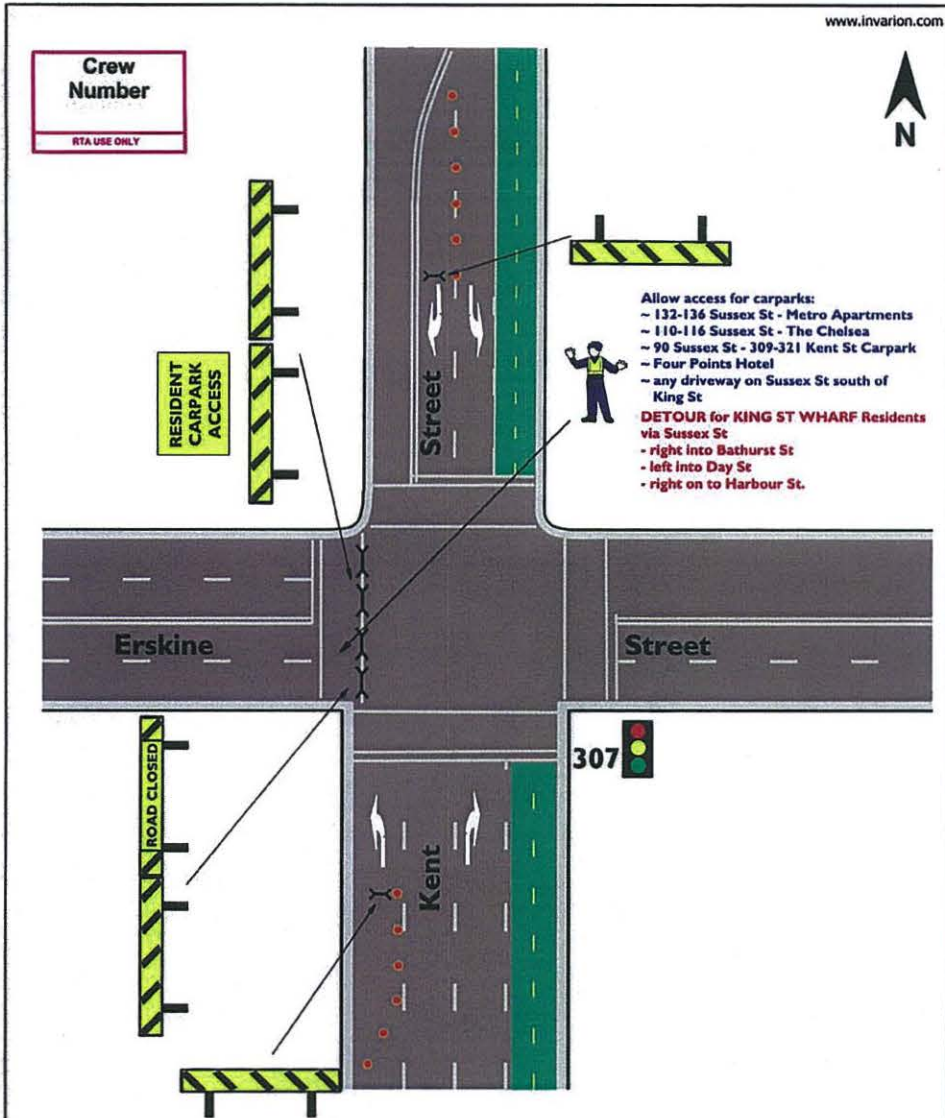


TCP No.: <b>65A</b>		Closure of Sussex St between Shelley St and King St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS	2	Supply & setup barricades & signs	Stop/ slow traffic control	0400-0630	Date Updated: 29.06.12
POLICE	3	Maintain closure	Monitor traffic flow	0400-0630	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

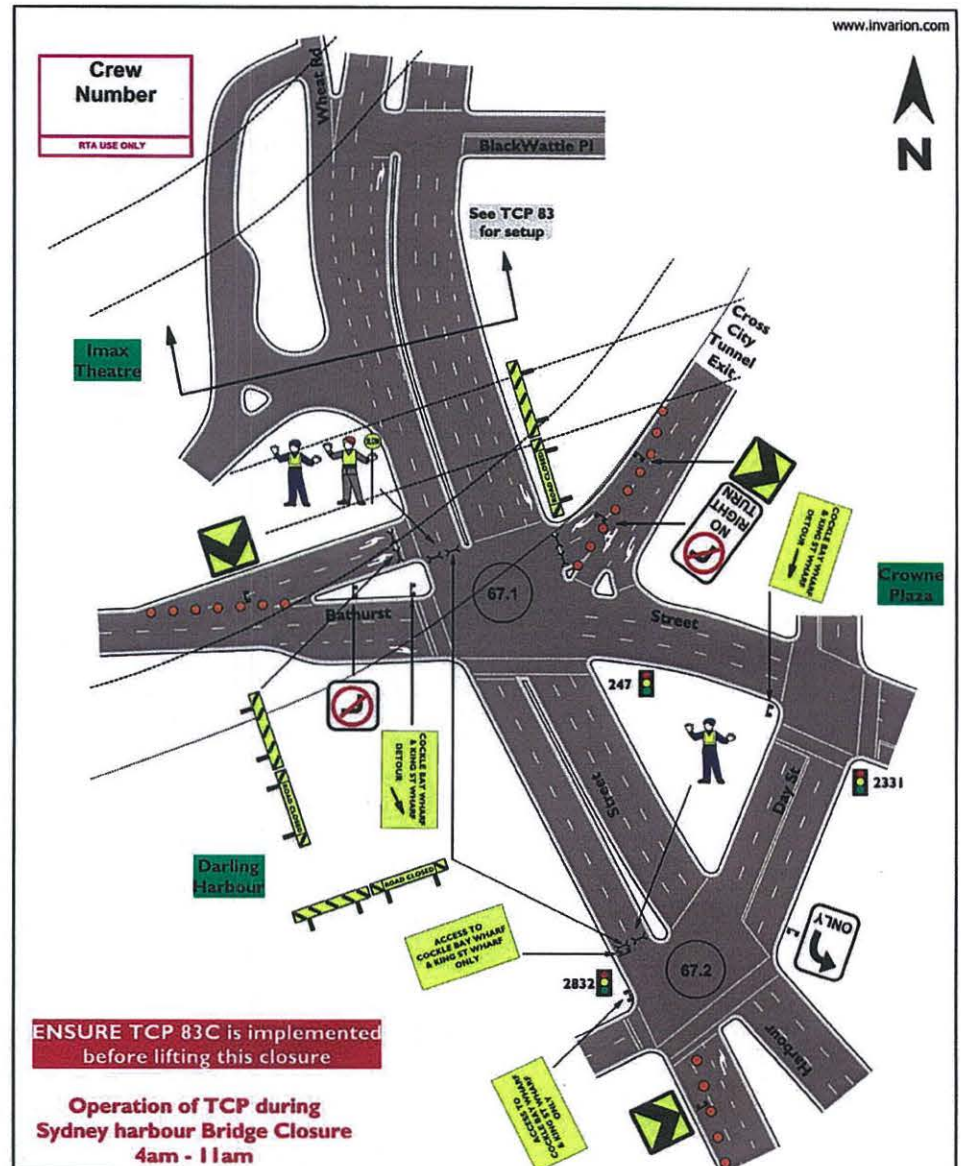


TCP No.: <b>65B</b>		Closure of Sussex St between Shelley St and King St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS	2	Supply & setup barricades & signs	Stop/ slow traffic control	0630	Date Updated: 29.06.12
POLICE	2	Maintain closure	Monitor traffic flow	0630	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale





TCP No.: <b>66</b>		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

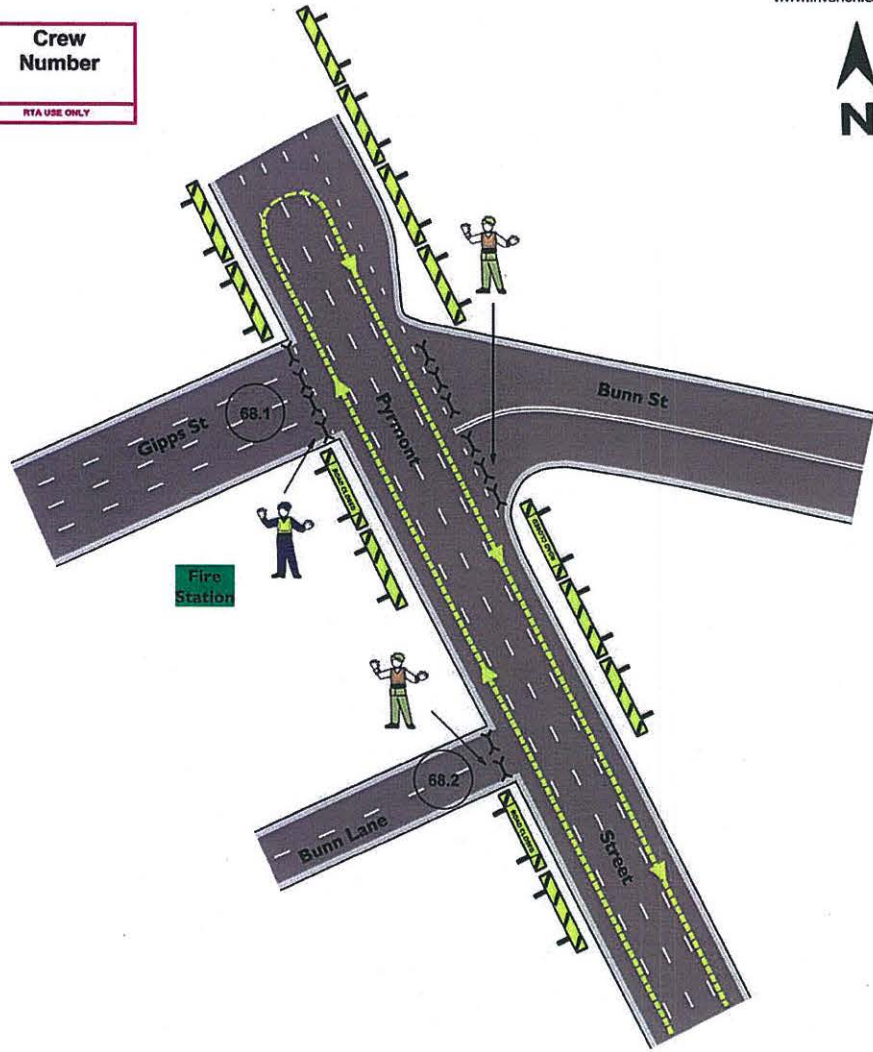


TCP No.: <b>67</b>		Half Closure of Harbour St Northern Side of Day St, Darling Harbour			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS	1	Supply & setup barricades & signs	Supply contracted traffic controllers	0400-1100	Date Updated: 29.06.12
POLICE	2	Maintain closure		0400-1100	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



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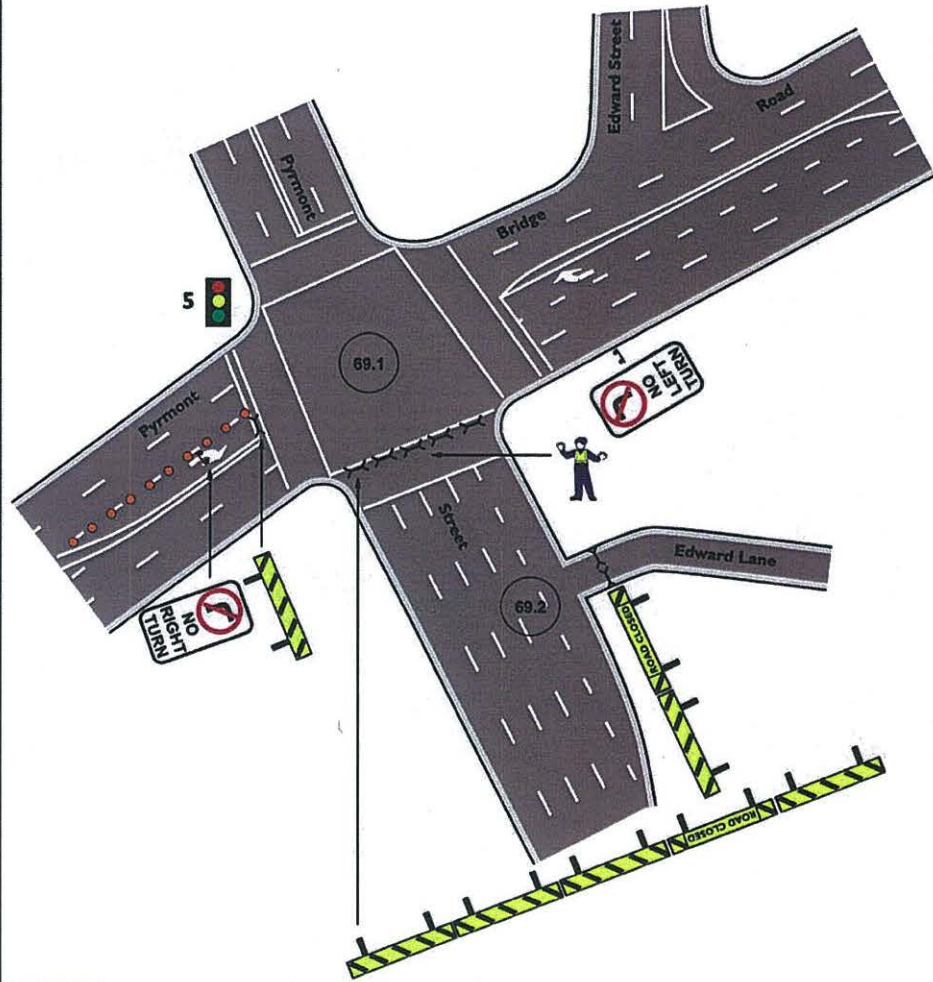


TCP No.: <b>68</b>		Full Road Closure Pyrmont St, Pyrmont				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS	2	Maintain closure		0400	Scale:	Not to Scale
					Transport Management Centre	

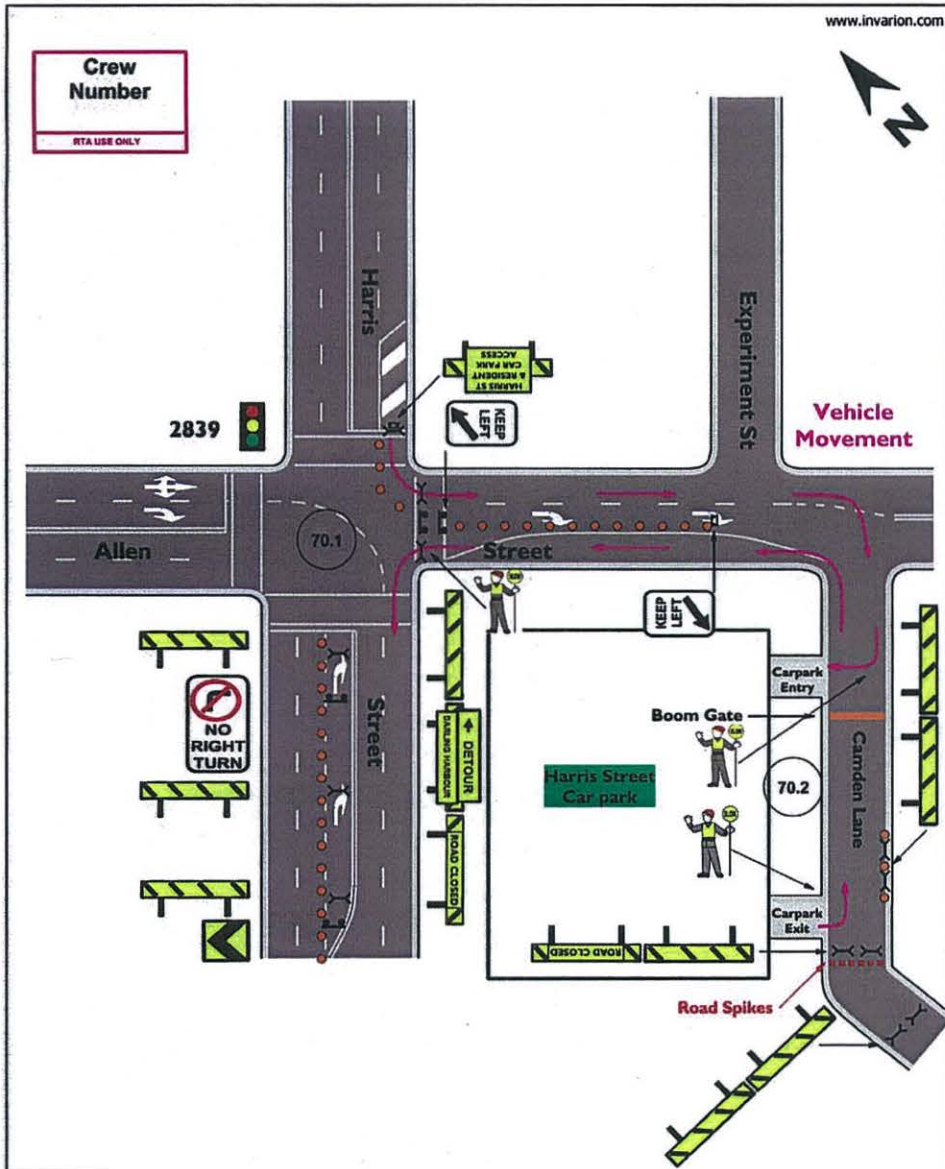


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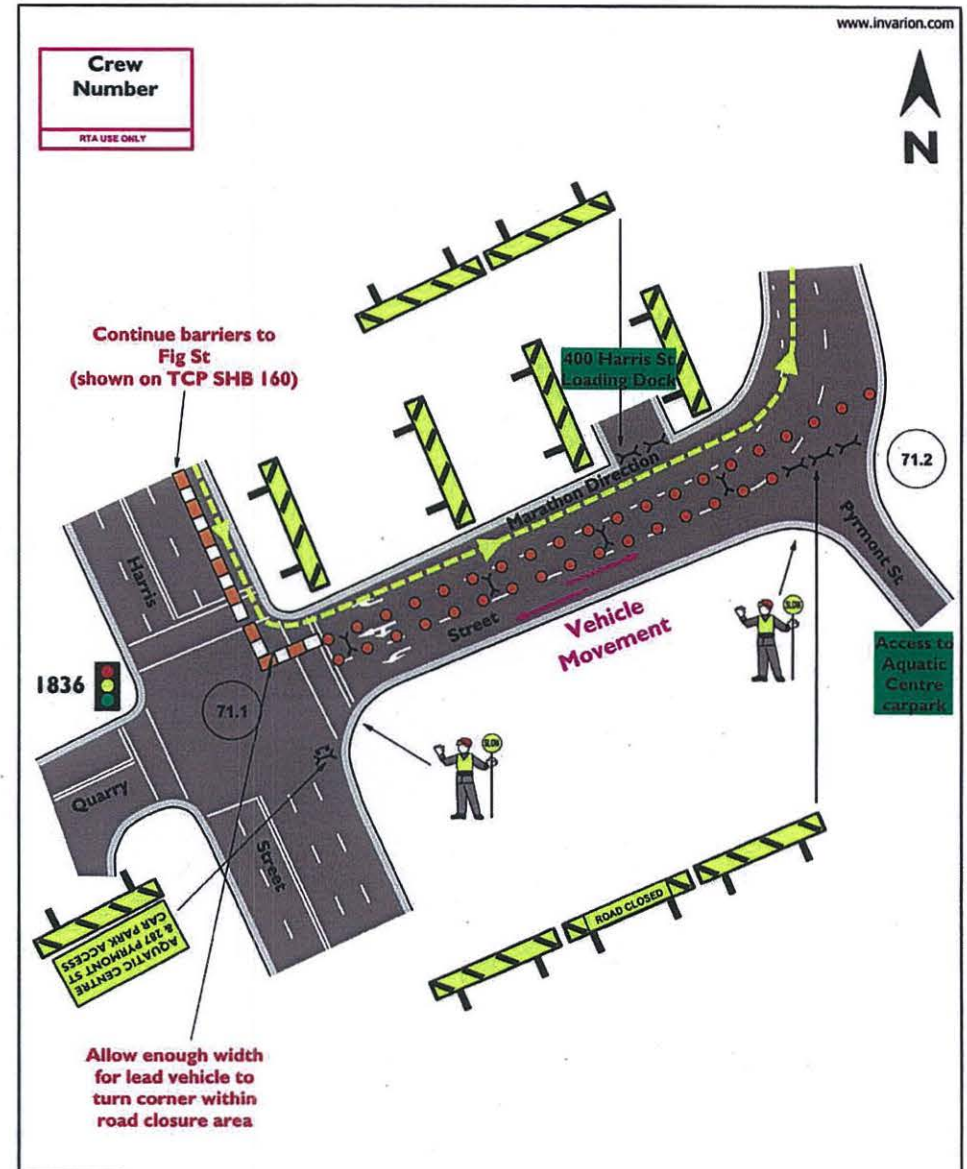
**Crew Number**  
RTA USE ONLY



TCP No.: <b>69</b>		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	



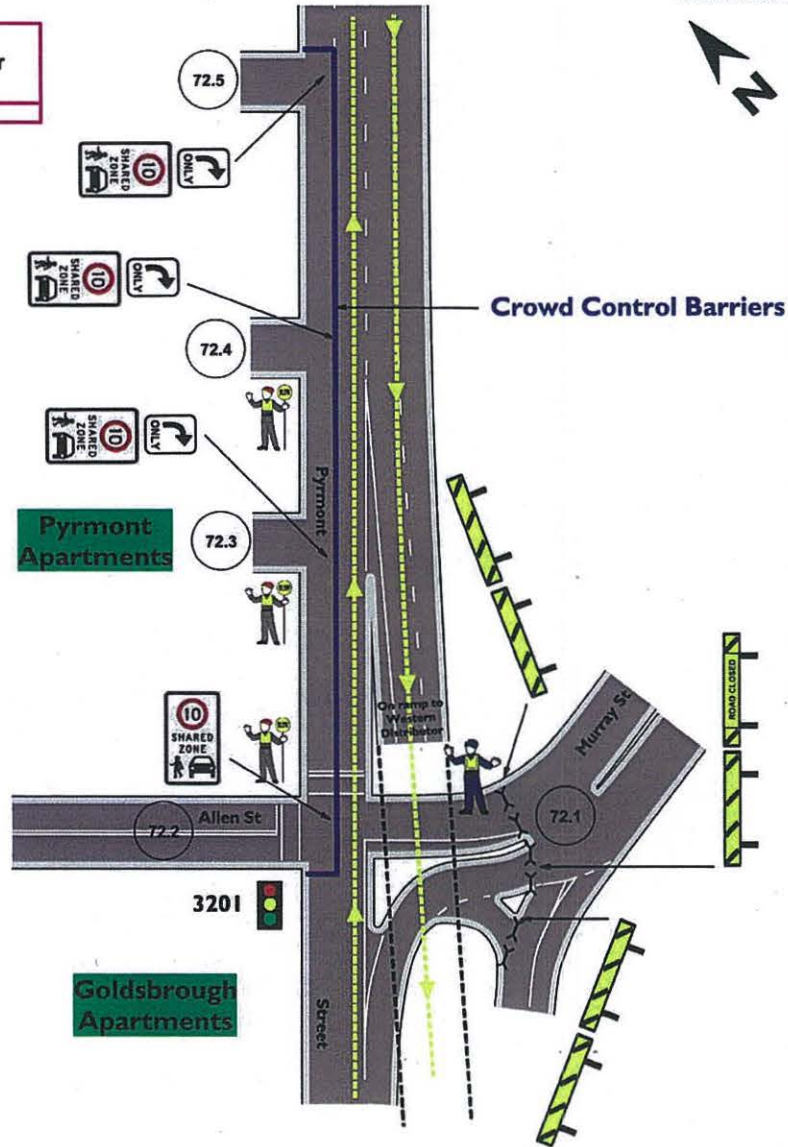
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS	1	Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE					Drawn:	Major Events
TRAFFIC MARSHALS	2	Event organiser to supplied traffic controllers for Camden Ln		0400	Scale:	Not to Scale



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
POLICE		Maintain closure			Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale



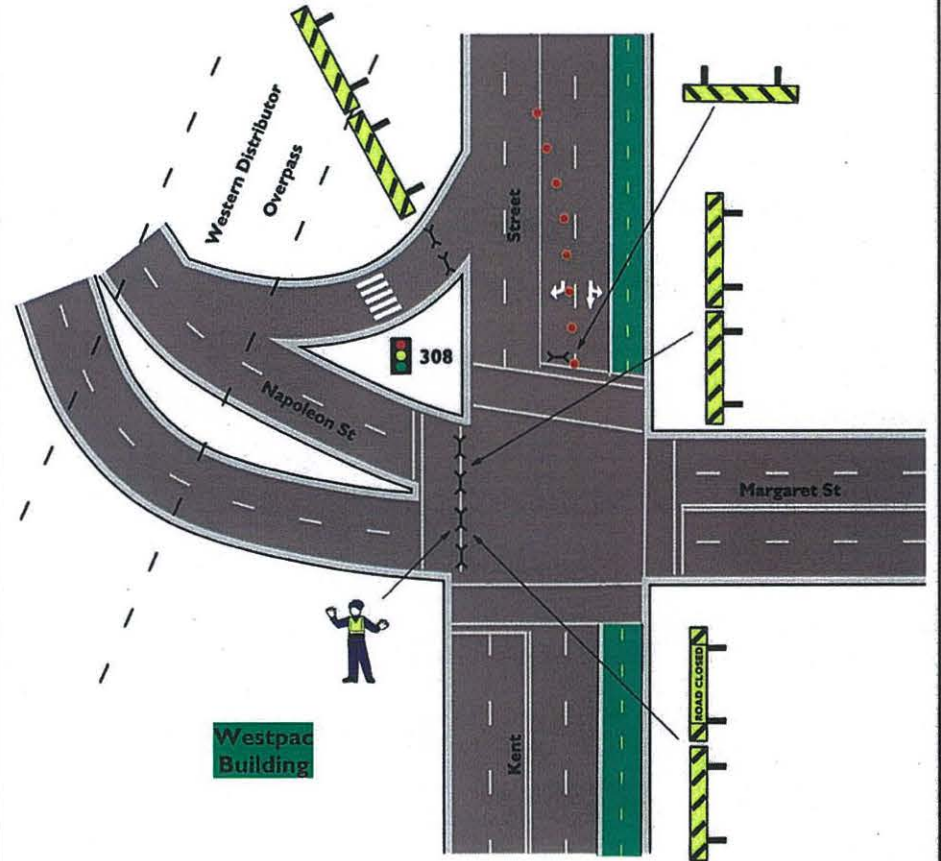
**Crew Number**  
RTA USE ONLY



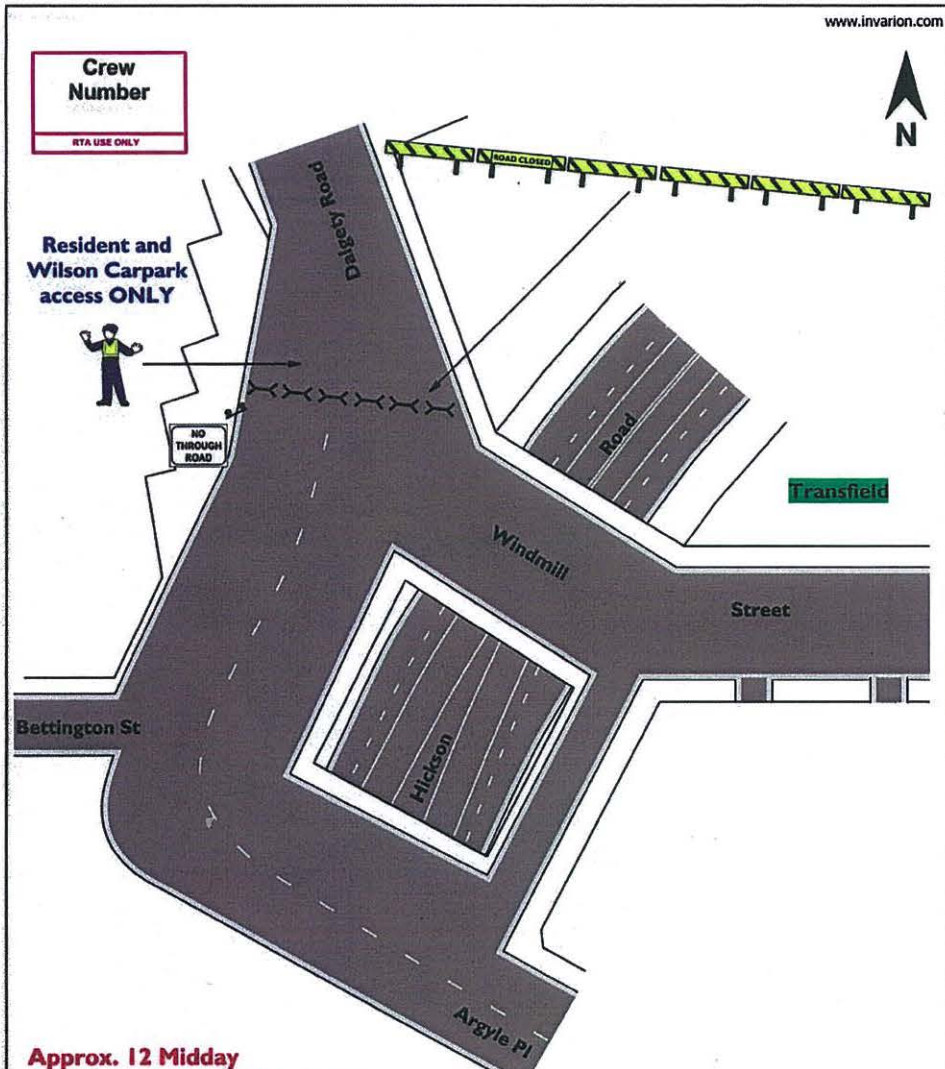
TCP No.: <b>72</b>		Full Road Closure Pyrmont St, Pyrmont				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS	3	Supply & setup barricades & signs	Stop/ slow traffic control	0400	Date Updated:	29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale



**Crew Number**  
RTA USE ONLY

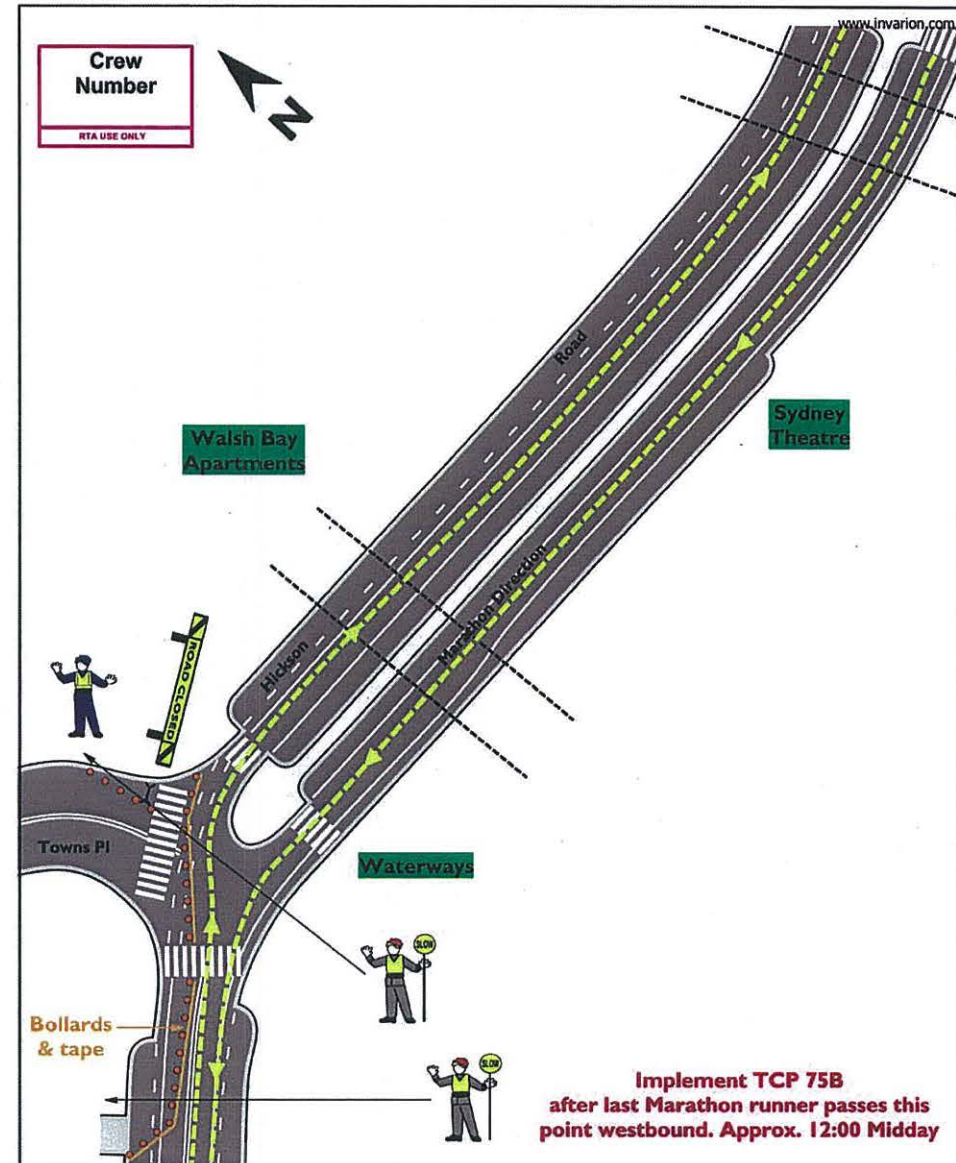


TCP No.: <b>73</b>		Road Closure Napoleon St Southern Side of Kent St, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	1	Maintain closure	Monitor traffic flow	0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale

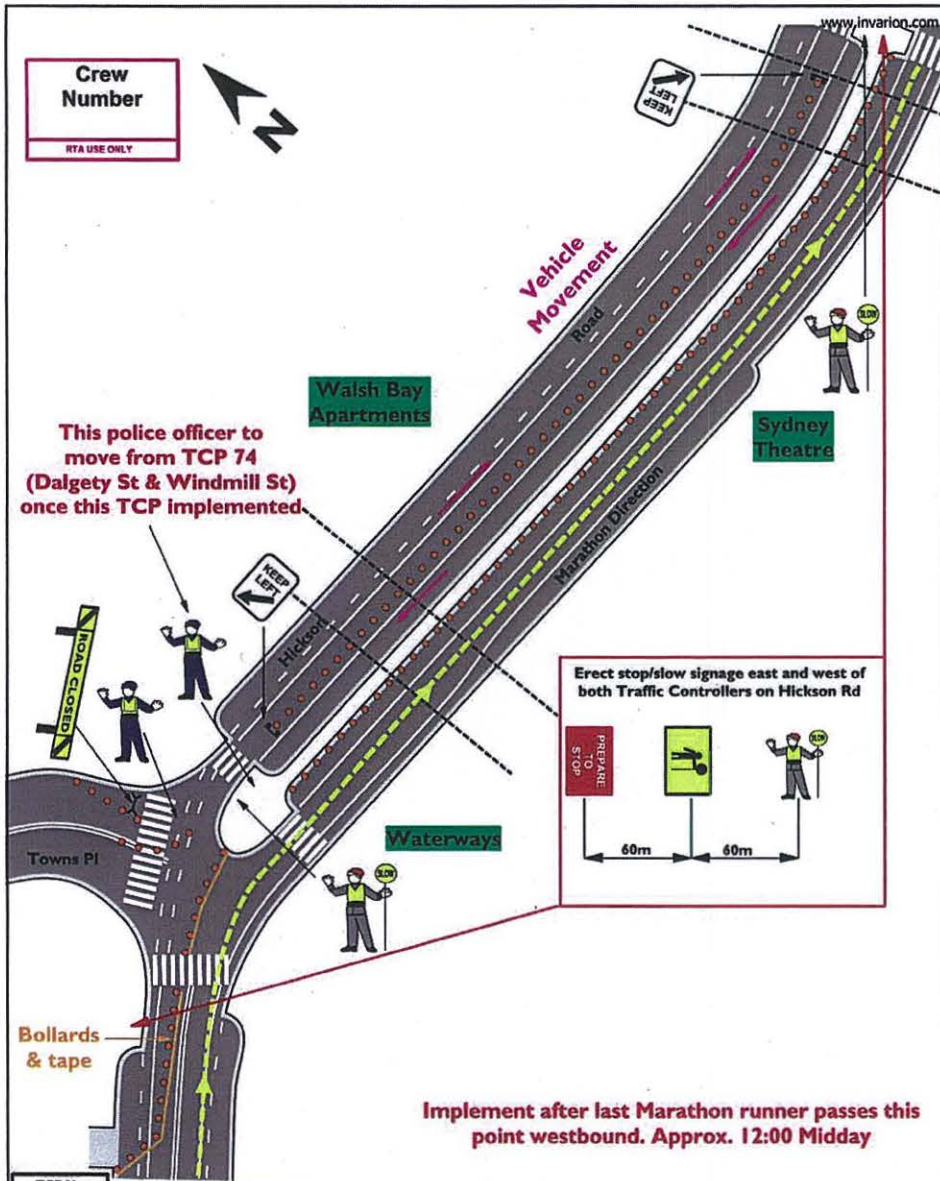


**Approx. 12 Midday**  
 Allow Walsh Bay, Finger Wharf resident access once two way traffic control on Hickson Rd is implemented and then police to move from here (TCP 74) to TCP 75B (Hickson Rd and Towns Place)

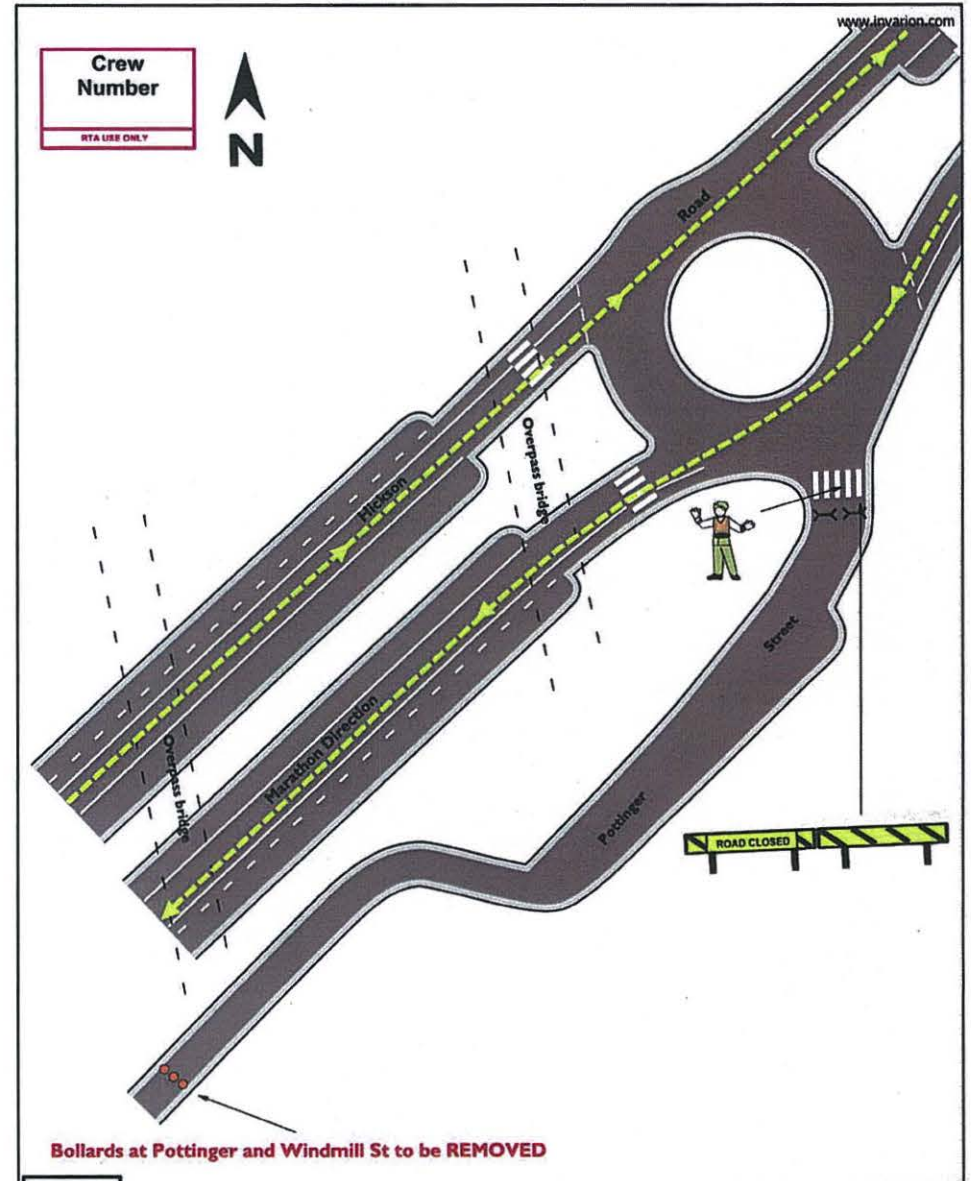
TCP No.: <b>74</b>		Road Closure Dalgety Rd at Windmill St, Resident access only, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs		0400-approx 12midday	Date Updated: 29.06.12
POLICE	1	Maintain closure		0400-approx 12midday	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



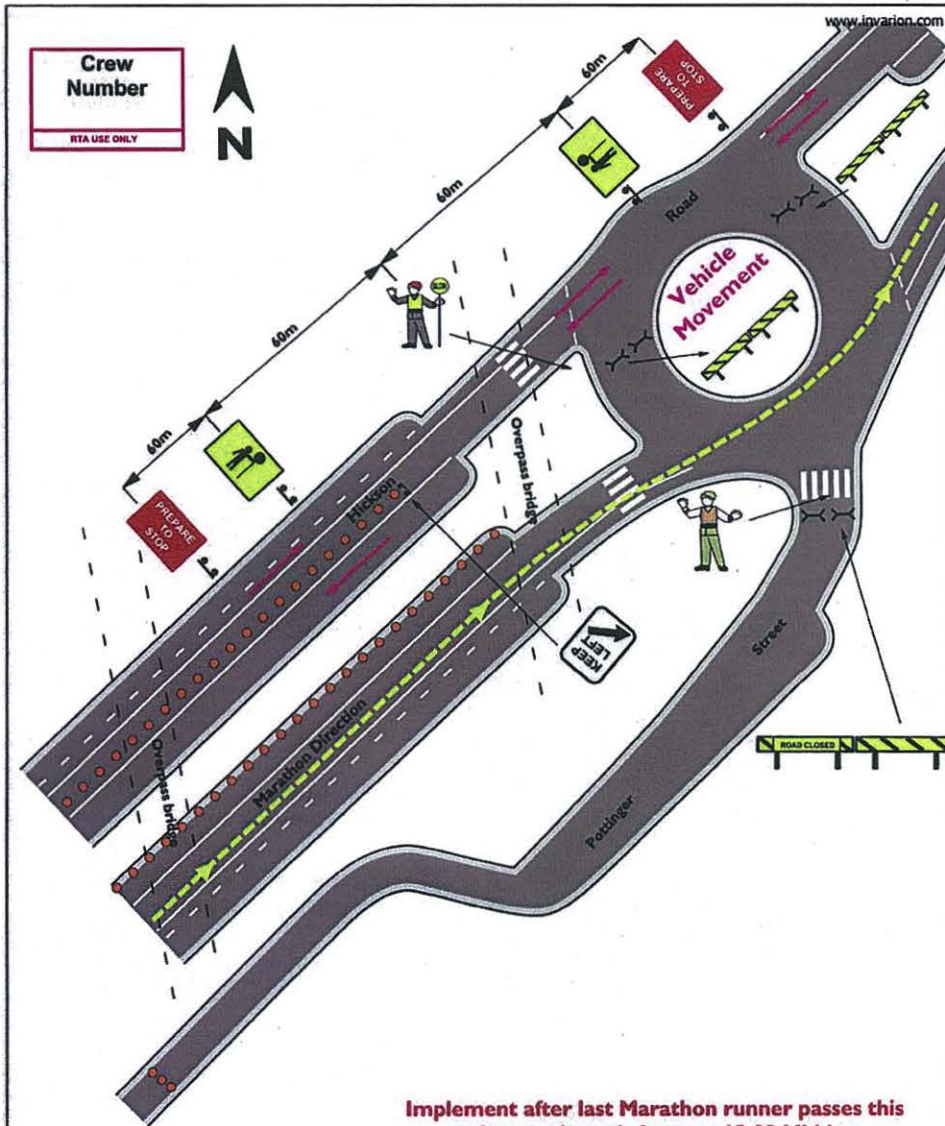
TCP No.: <b>75A</b>		Closure of Hickson Rd and Towns Place, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS	2	Supply & setup barricades & signs	Stop/ slow traffic control	0400-approx. 1200	Date Updated: 29.06.12
POLICE	1	Maintain traffic flow		0400-approx. 1200	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



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

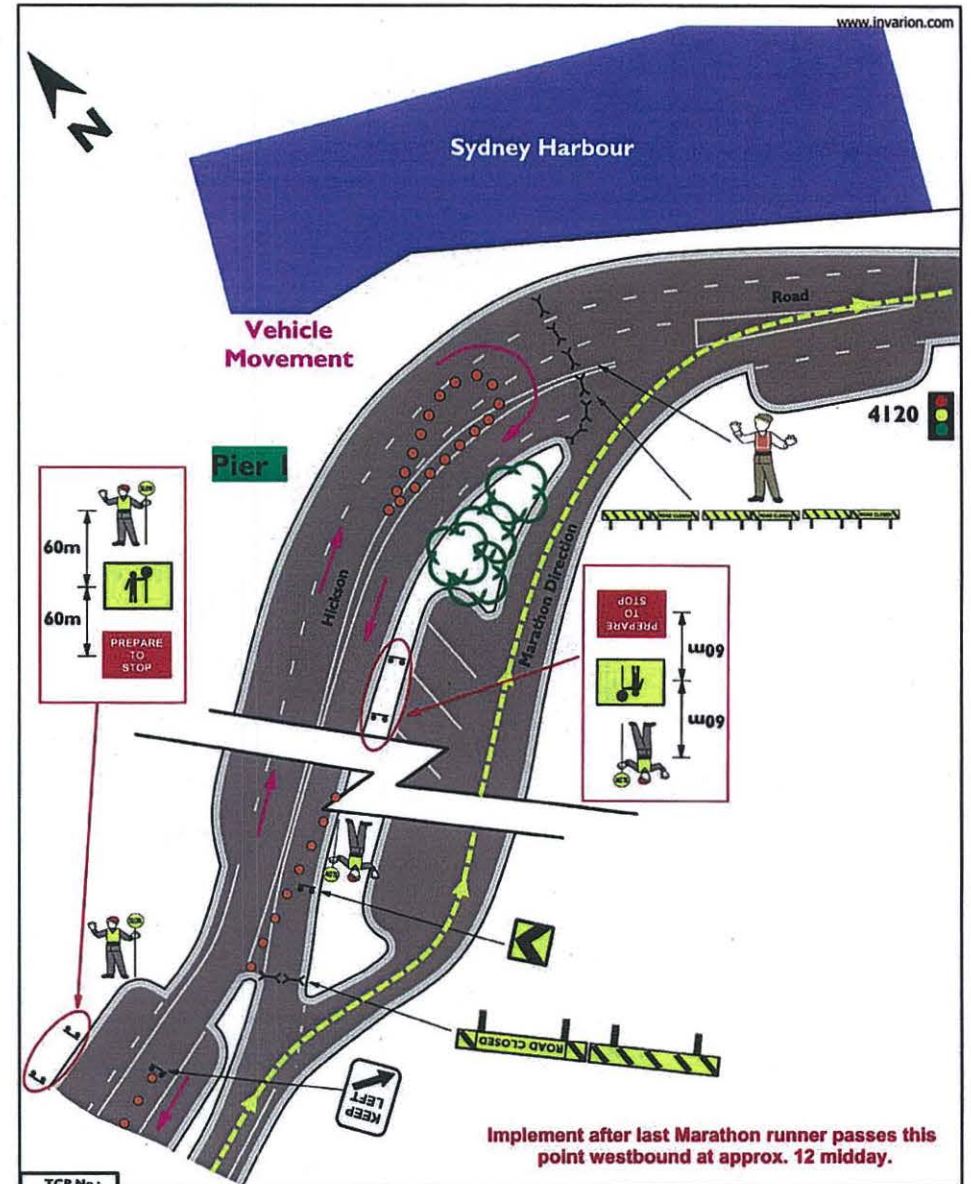


TCP No.: 76A		Closure of Hickson Rd and Pottinger St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs		0400-approx. 1200	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	1	Maintain closure		0400-approx. 1200	Scale: Not to Scale



Implement after last Marathon runner passes this point westbound. Approx. 12:00 Middy

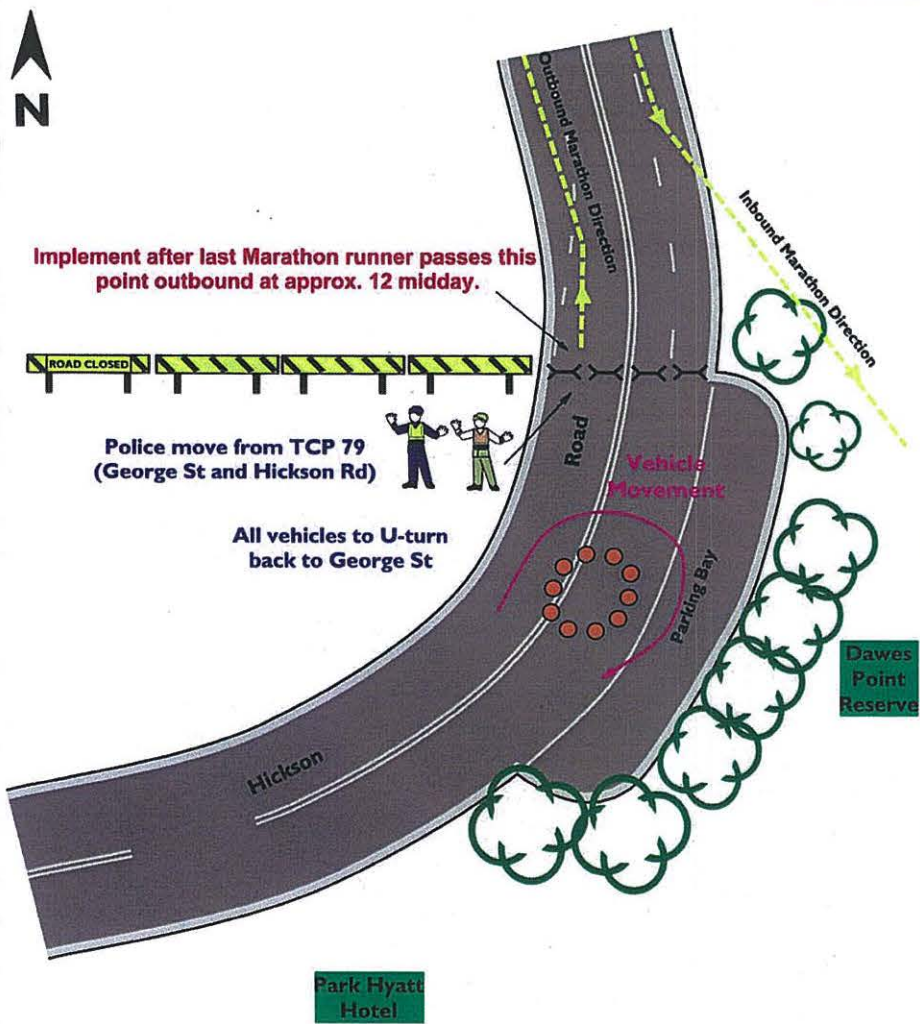
TCP No.: <b>76B</b>		Closure of Hickson Rd and Pottinger St, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS	1	Supply & setup barricades & signs	Stop/ slow traffic control	Approx 12 Middy	Date Updated: 29.06.12	
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS	1	Maintain closure		Approx 12 Middy	Scale: Not to Scale	



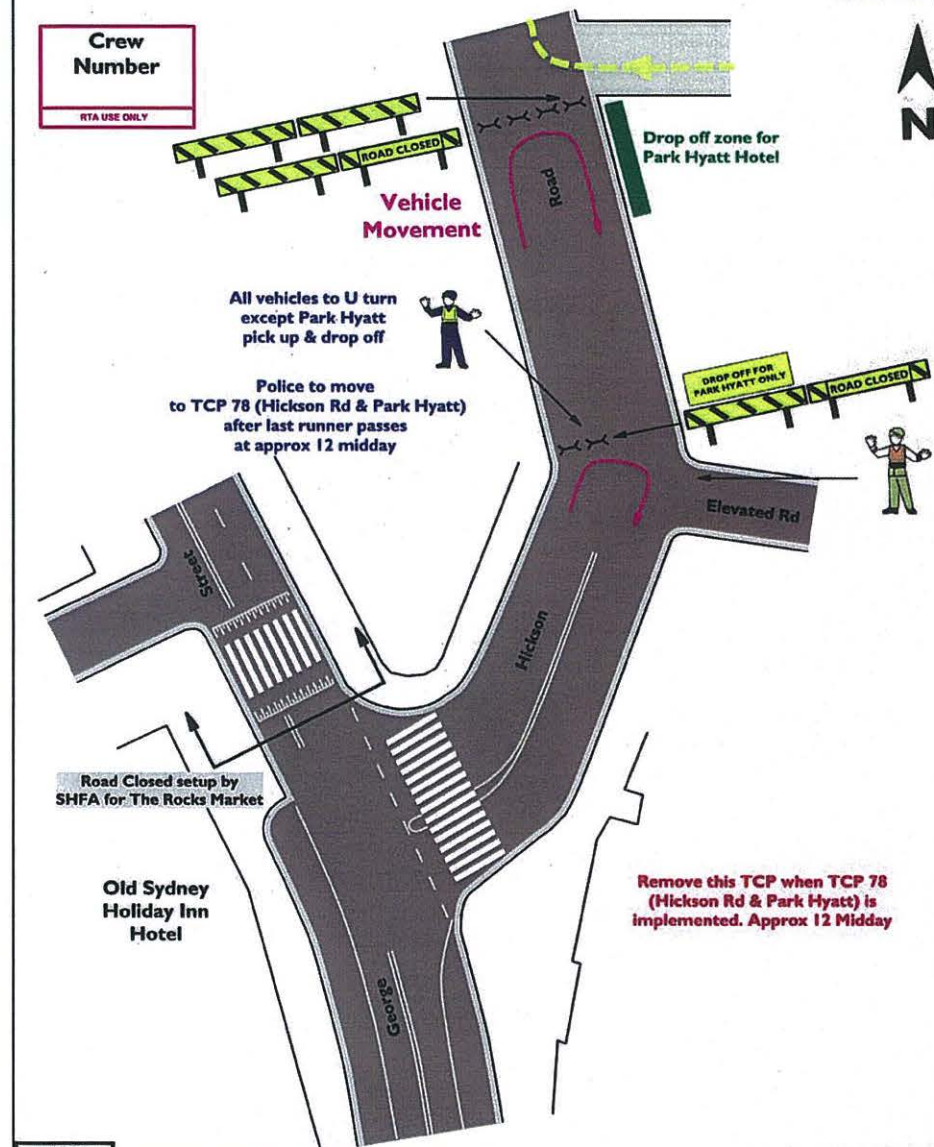
Implement after last Marathon runner passes this point westbound at approx. 12 midday.

TCP No.: <b>77</b>		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	





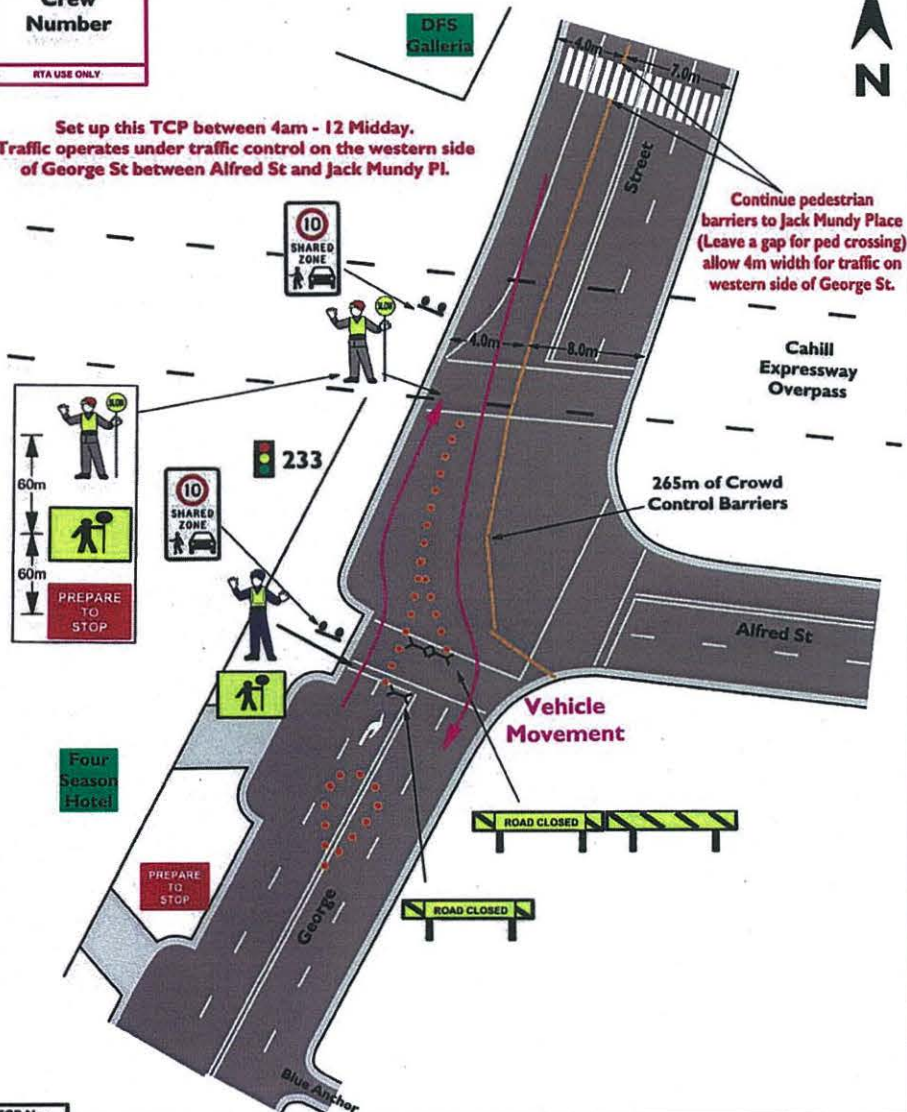
TCP No.: <b>78</b>		Full Road Closure Hickson Rd at Park Hyatt Hotel, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
RMS		Supply / setup barricades & signs		Approx 12 Midday	Date Updated: 27.06.12	
POLICE	1	Maintain Closure		Approx 12 Midday	Drawn: Major Events	
TRAFFIC MARSHALS	1	Manage U-turn		Approx 12 Midday	Scale: Not to Scale	



TCP No.: <b>79</b>		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	

**Crew Number**  
RTA USE ONLY

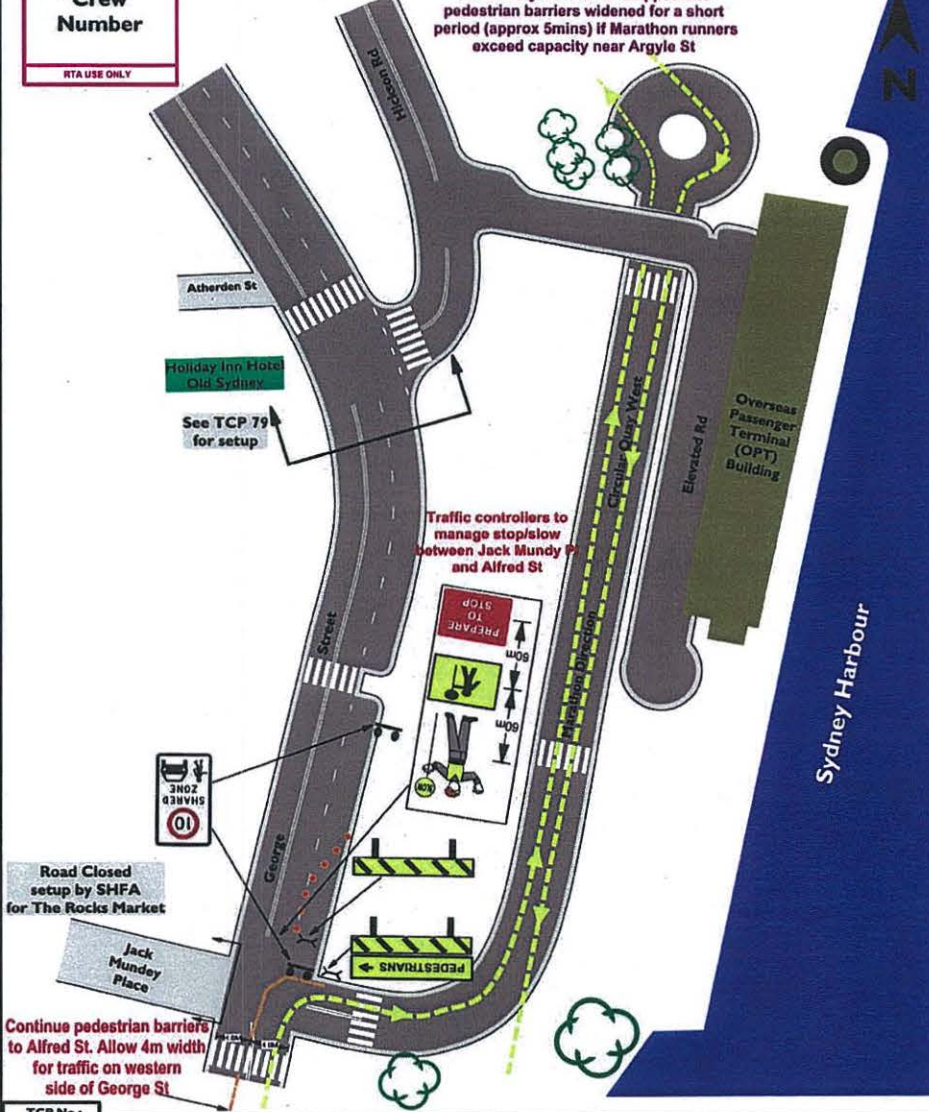
Set up this TCP between 4am - 12 Midday.  
Traffic operates under traffic control on the western side of George St between Alfred St and Jack Mundy Pl.



TCP No.: 80		Full Road Closure of Alfred St & East side of George St, Circular Quay			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC / RMS	1	Supply & setup barricades, signs & 265m of ped barriers	Stop slow traffic control	0400-approx. 1200	Date Updated: 29.06.12
POLICE	1	Monitor traffic flow		0400-approx. 1200	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale

**Crew Number**  
RTA USE ONLY

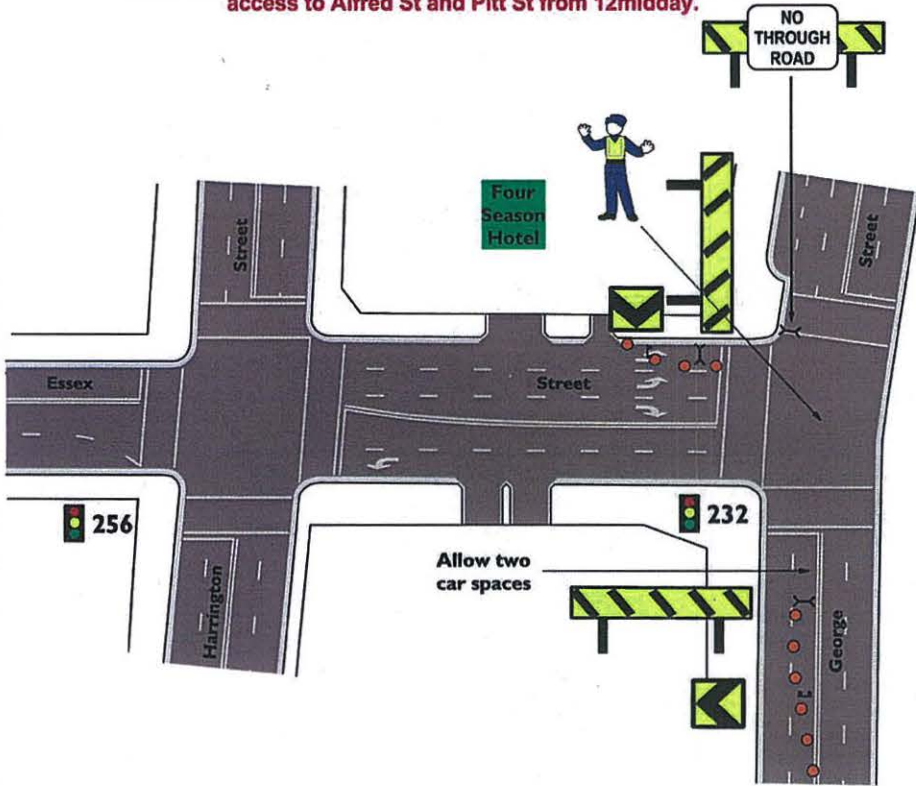
**SPECIAL NOTE:**  
Traffic may need to be stopped and pedestrian barriers widened for a short period (approx 5mins) if Marathon runners exceed capacity near Argyle St



TCP No.: 81		Road Closure Circular Quay West, Overseas Passenger Terminal, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC / RMS	1	Supply & setup barricades & signs	Stop/Slow traffic control	0400-approx. 1200	Date Updated: 28.06.12
POLICE				0400-approx. 1200	Drawn: Major Events
TRAFFIC MARSHALS					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.



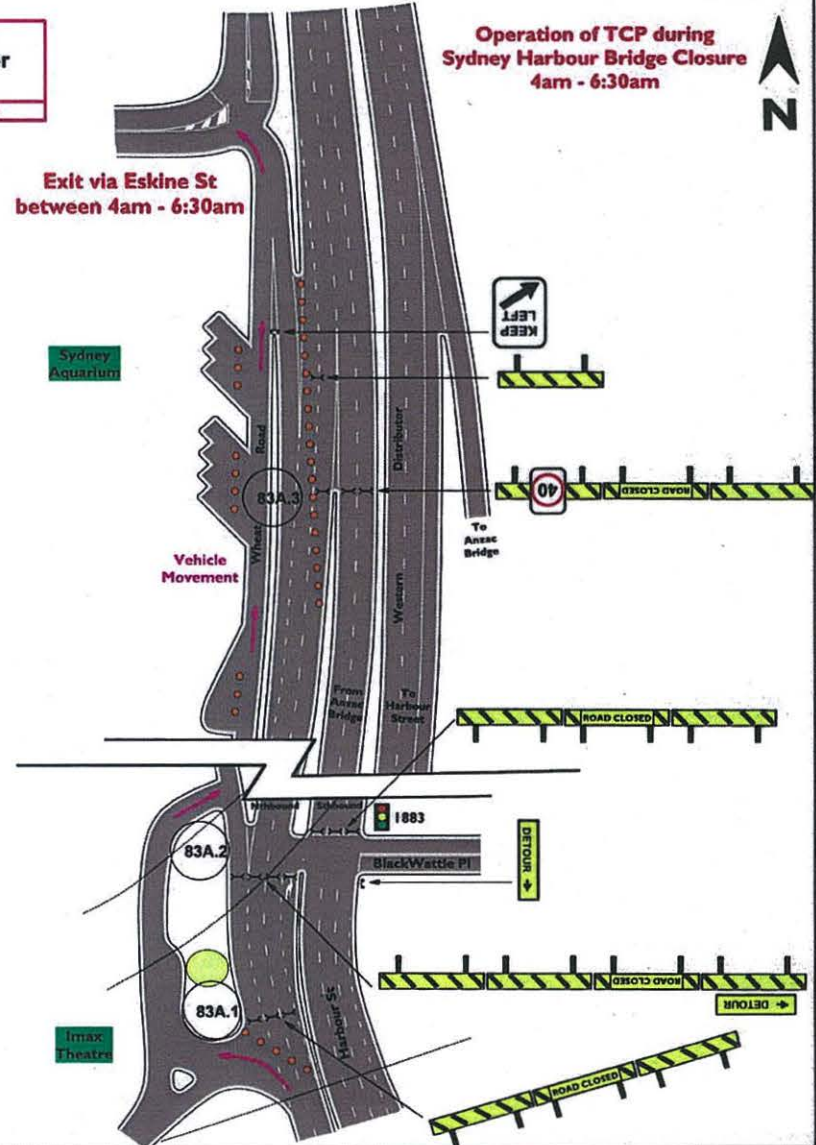
TCP No.: <b>82</b>		Half Road Closure of George St at Essex St, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC / RMS		Supply & setup barricades & signs			Date Updated: 28.06.12
POLICE	1	Allow deliveries and local access to George St only		0400	Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



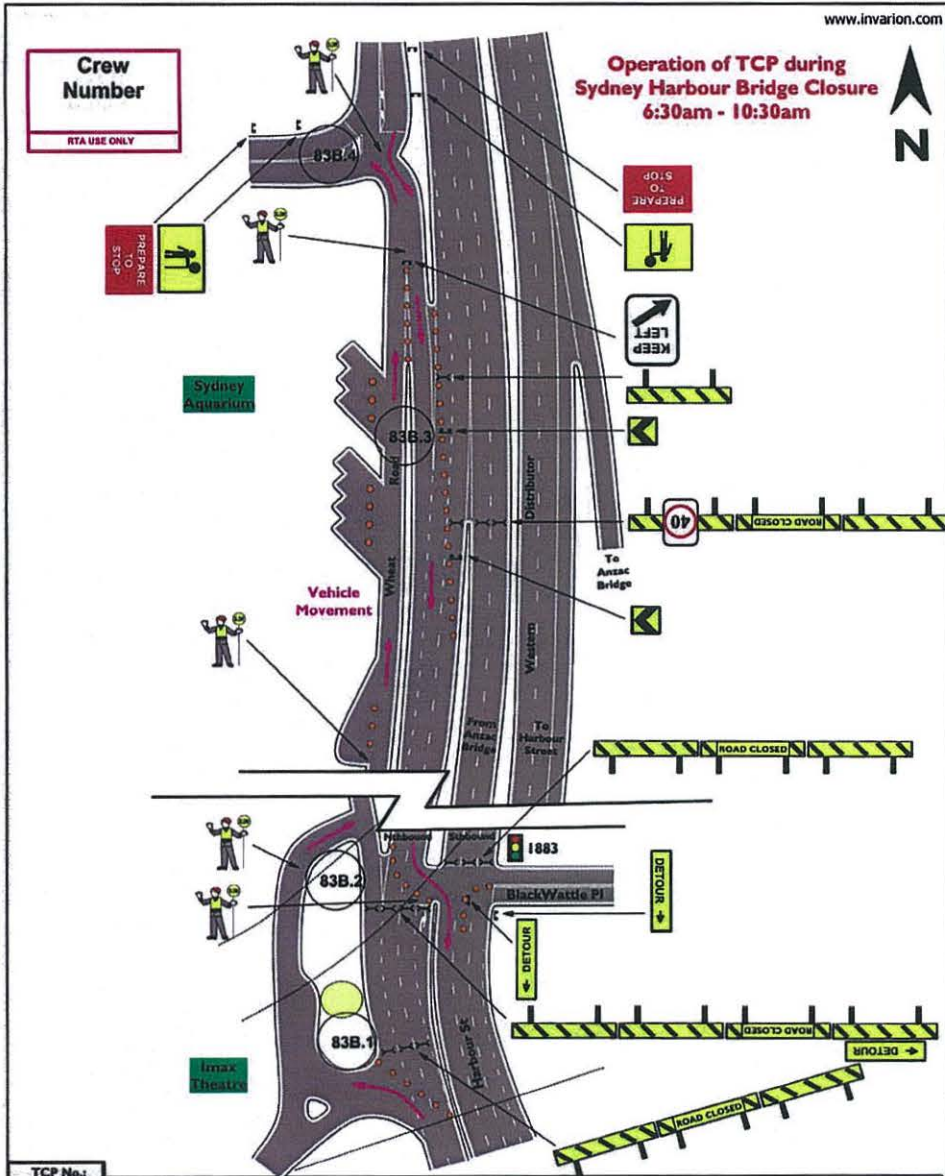
Operation of TCP during Sydney Harbour Bridge Closure 4am - 6:30am

Crew Number  
RTA USE ONLY

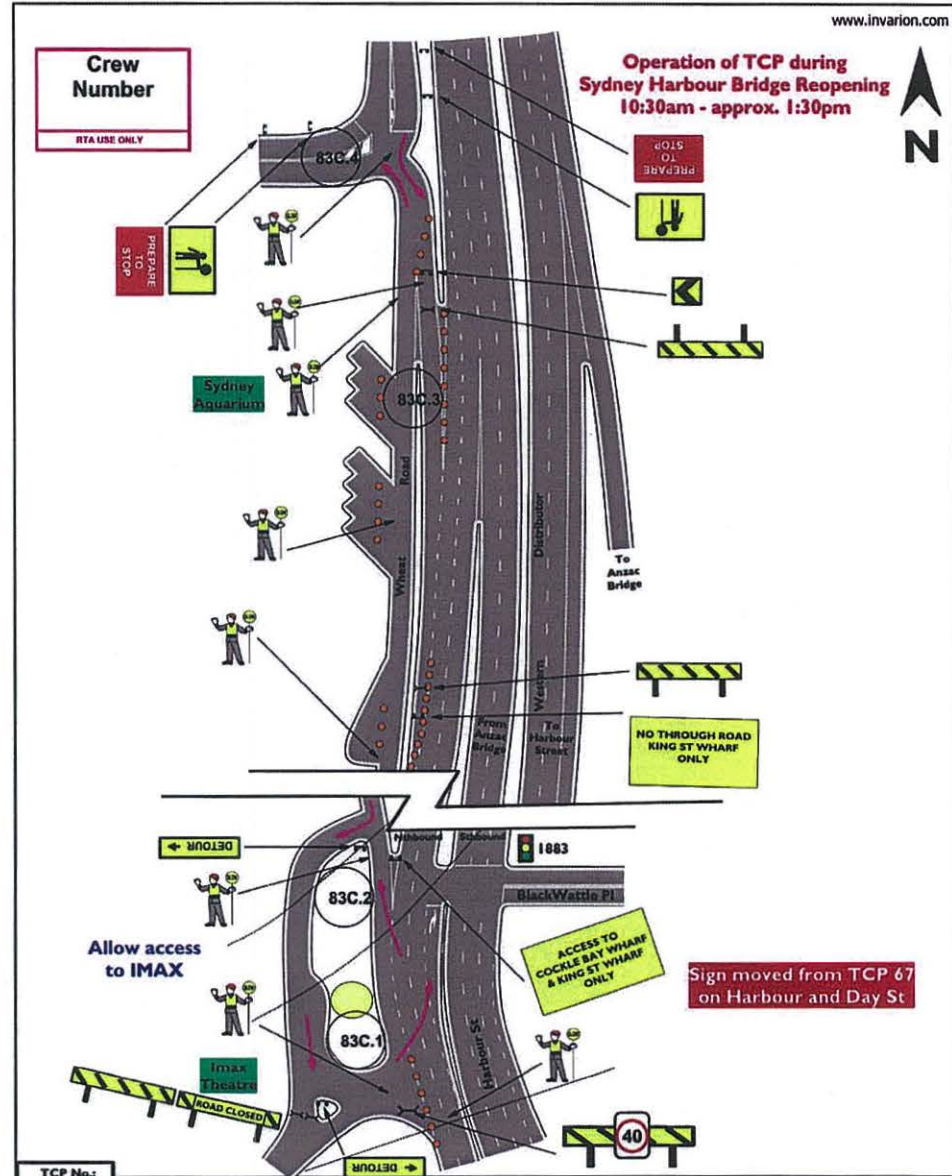
Exit via Eskine St between 4am - 6:30am



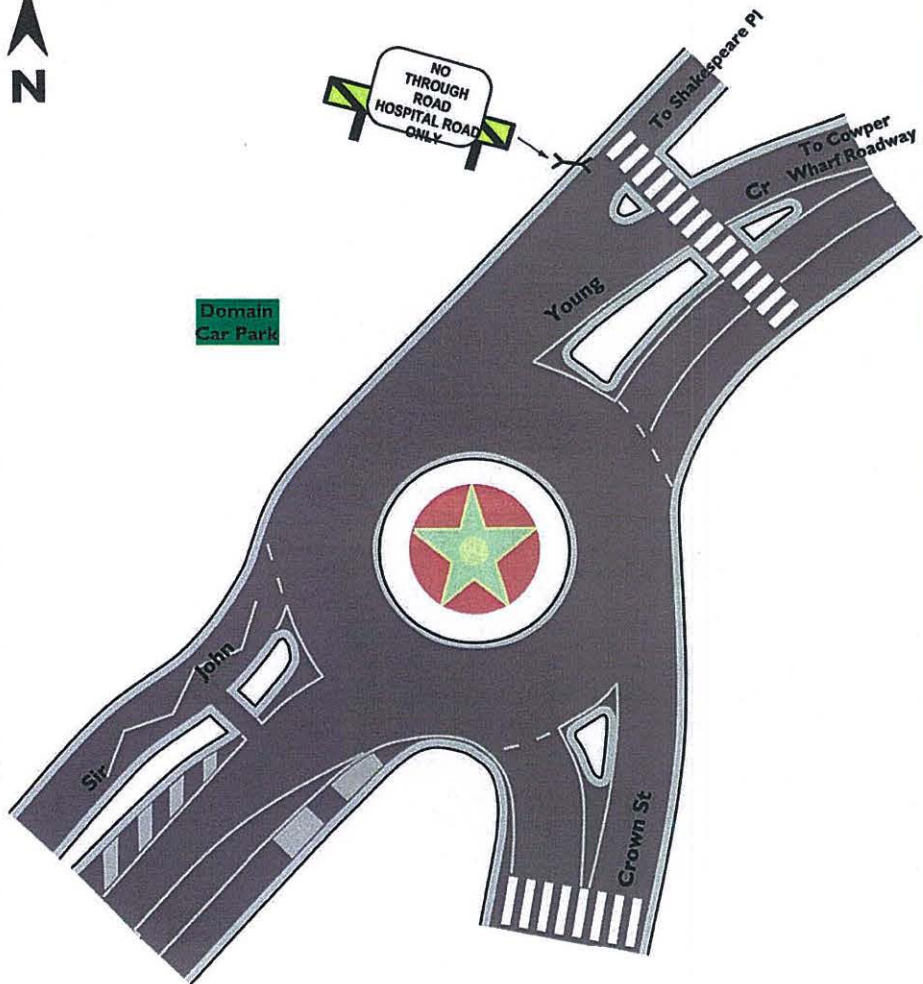
TCP No.: <b>83A</b>		Traffic Control for Wheat Rd, Darling Harbour			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC / RMS					Date Updated: 28.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS		Supply & setup barricades & signs by Who Dares		0400-0630	Scale: Not to Scale



TCP No.: <b>83B</b>		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	5	Supply & setup barricades & signs by Who Dares	Stop/Slow traffic control	0630-1030	Scale: Not to Scale

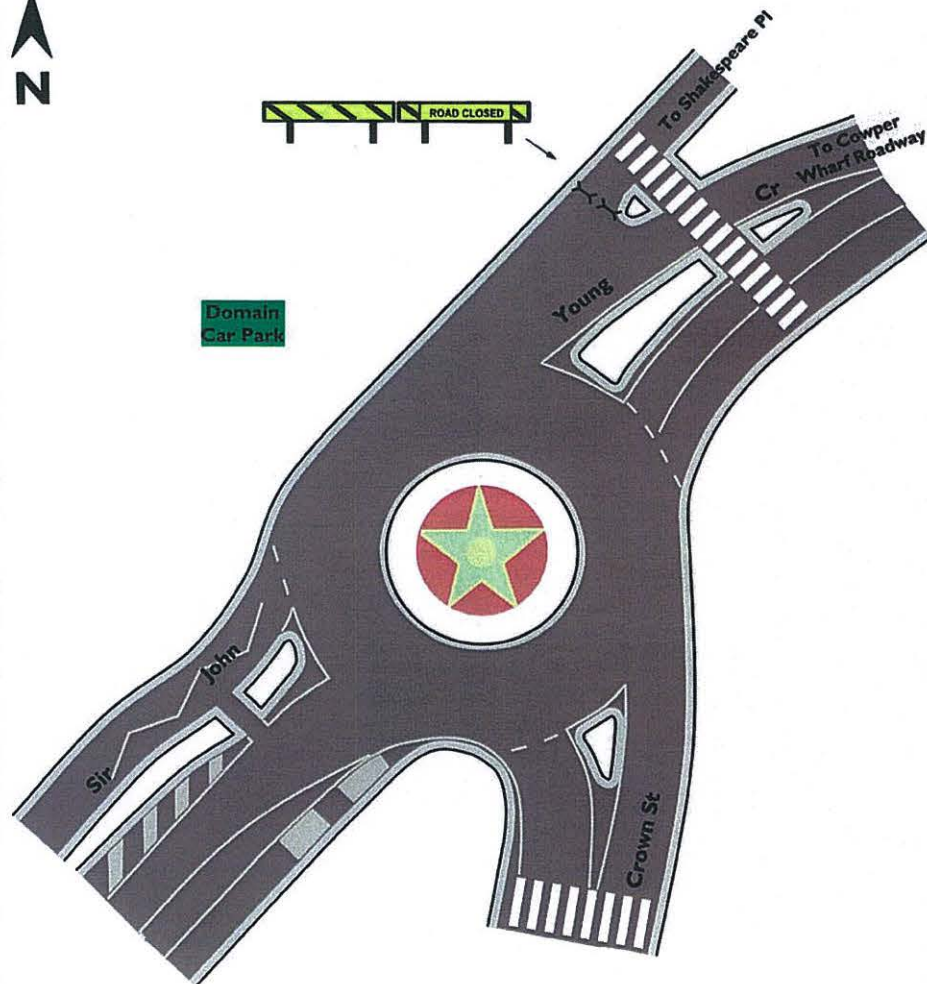


TCP No.: <b>83C</b>		Traffic Control for Wheat Rd, Darling Harbour			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC / RMS					Date Updated: 28.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS	8	Supply & setup barricades & signs by Who Dares	Stop/Slow traffic control	1030-approx. 1:30pm	Scale: Not to Scale



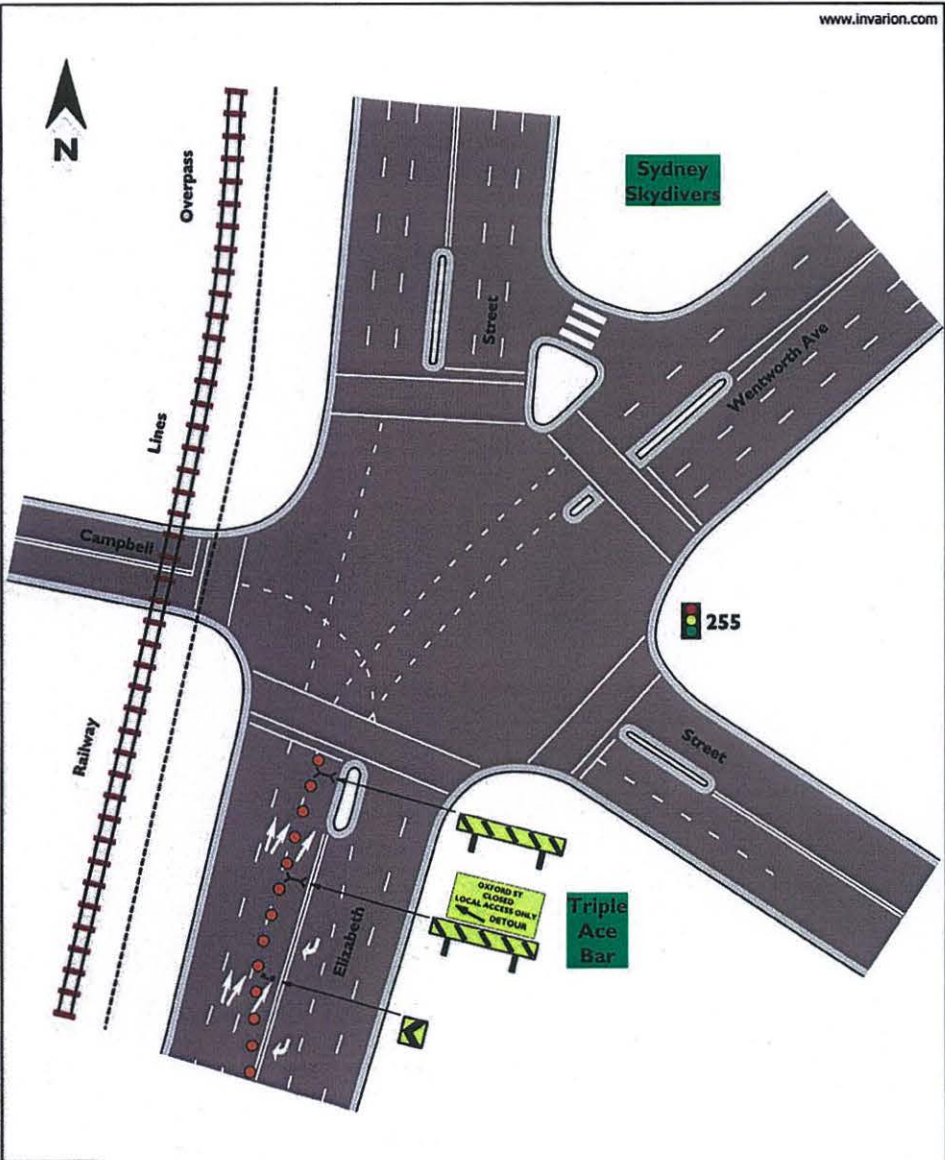
Change to TCP 84 phase B when TCP 20B, 21B and 23 are in place.  
(Once Hospital Road is back to normal operation).

TCP No.: <b>84A</b>		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

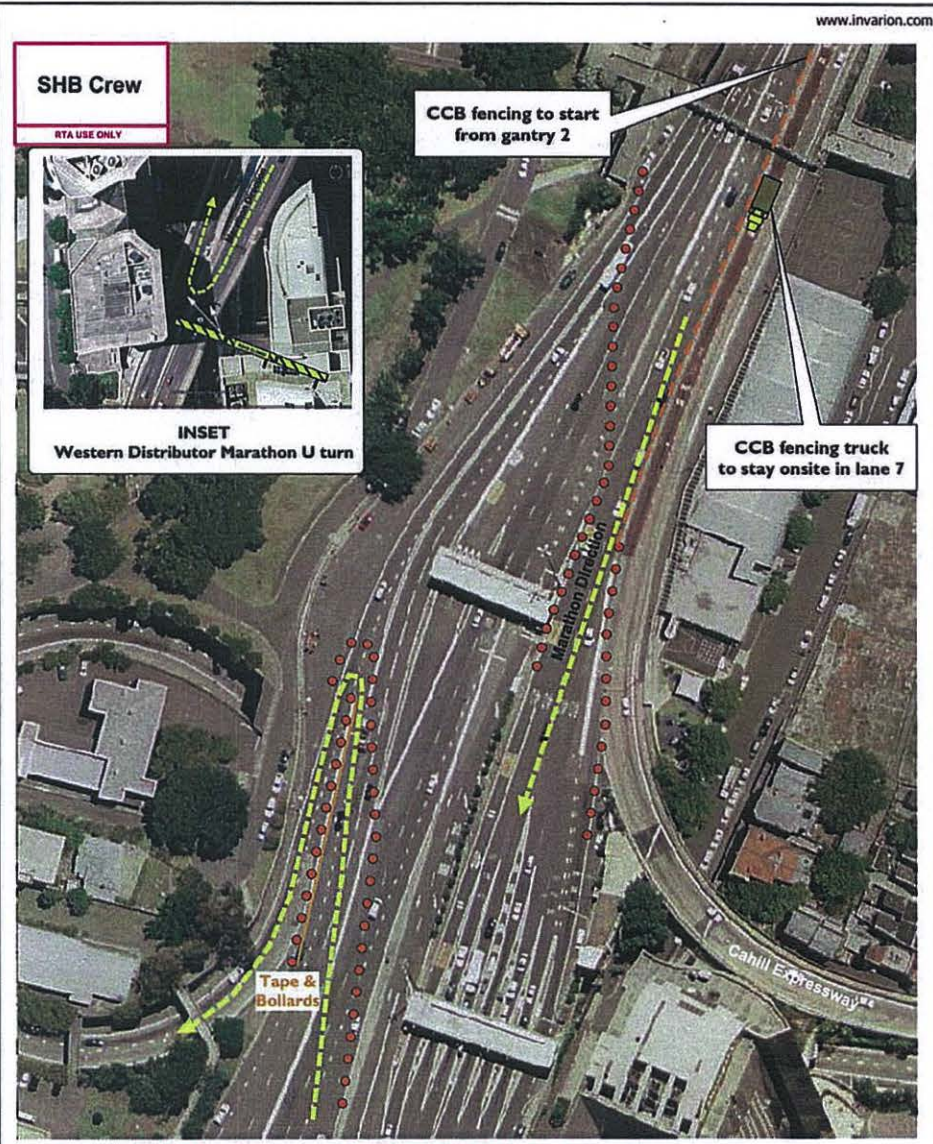


Remove this TCP when TCP 14B (Shakespeare Place U-turn) has been removed at approx. 12midday.

TCP No.: <b>84B</b>		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

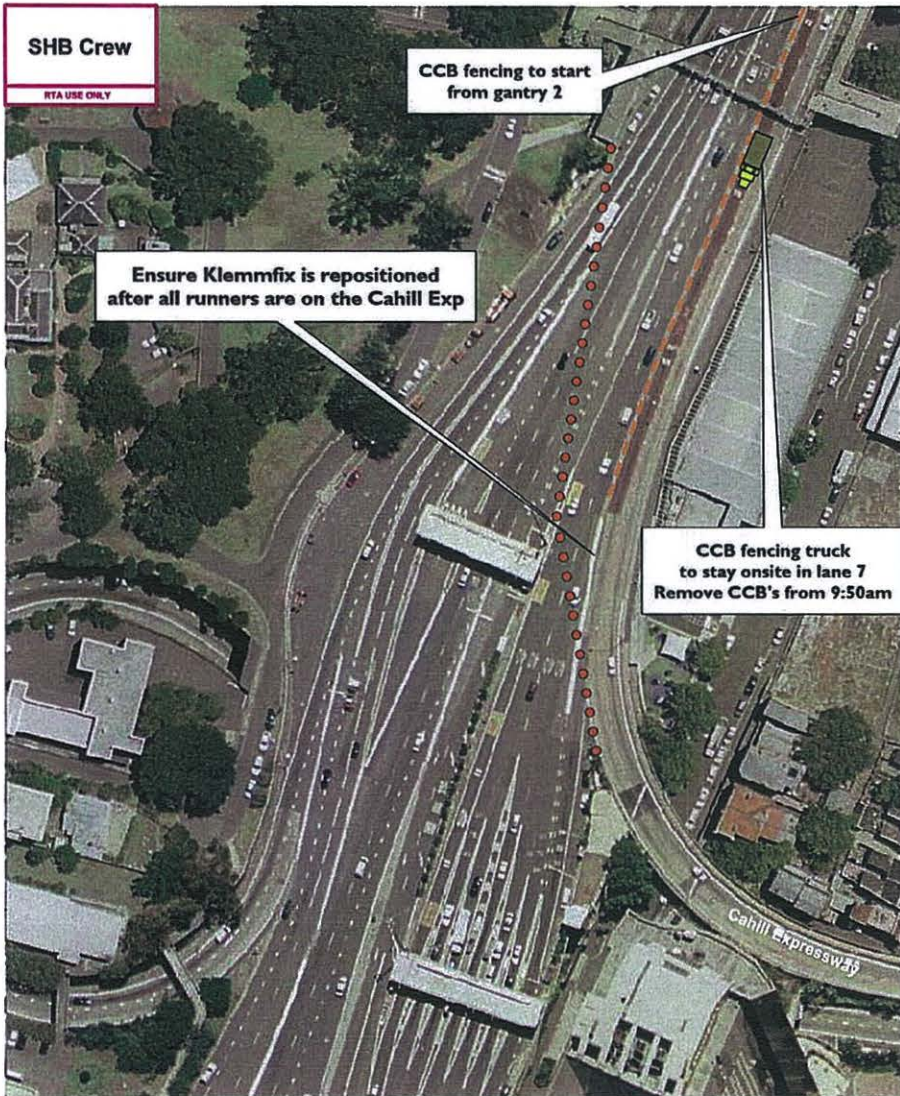


TCP No.: <b>85</b>		Lane Closure on Elizabeth St southern side of Campbell St, Surry Hills			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC / RMS		Supply & setup barricades & signs		0400	Date Updated: 28.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



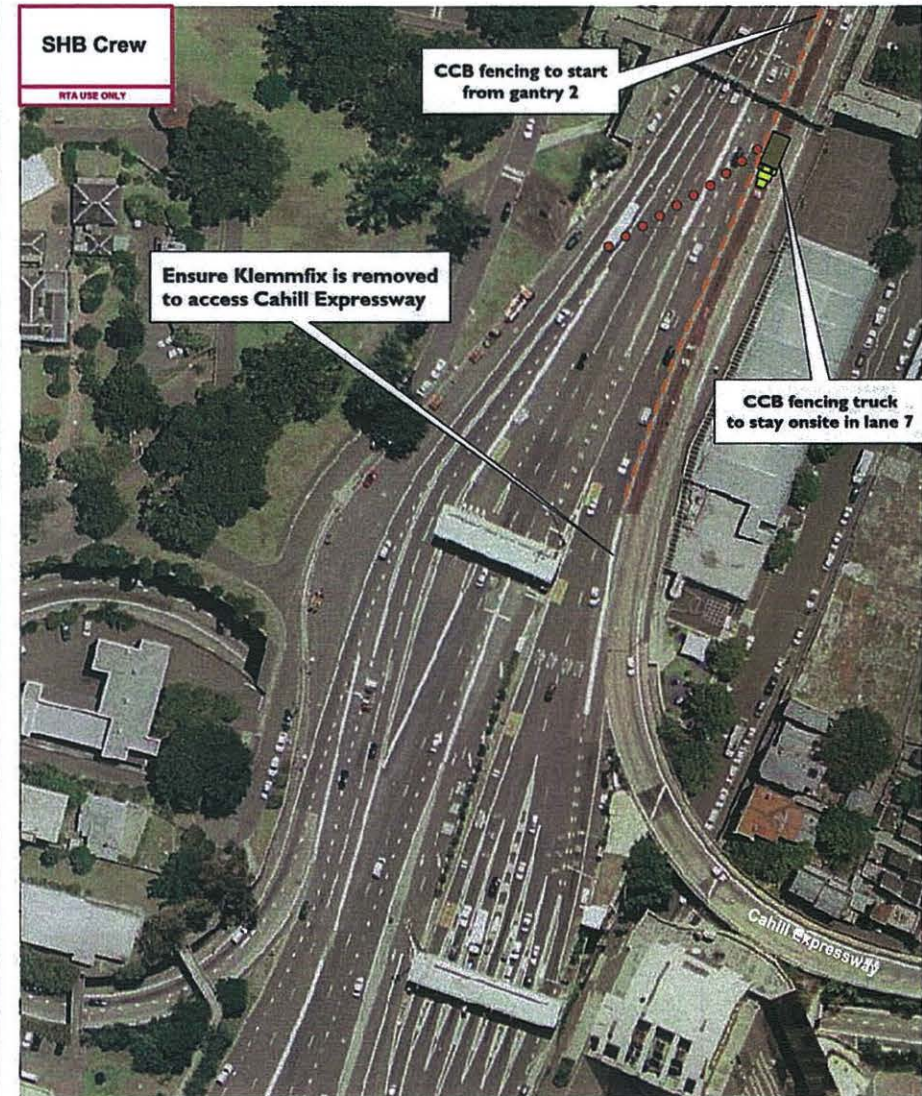
**Implement by 6:00am Change to TCP E170B after last marathon runner**

TCP No.: <b>E170A</b>		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.: <b>E170B</b>		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

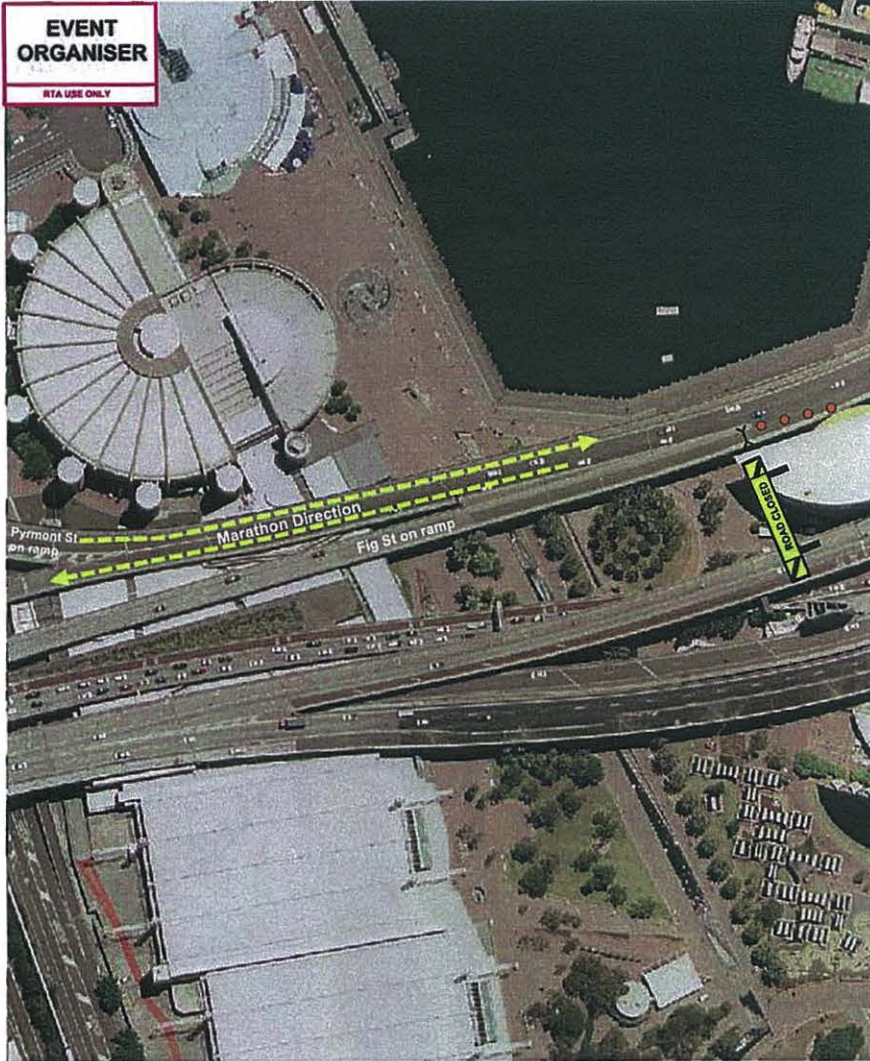



**Implement for Bridge Run (after last runner of Family Fun Run has passed)**

TCP No.: <b>E170C</b>		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

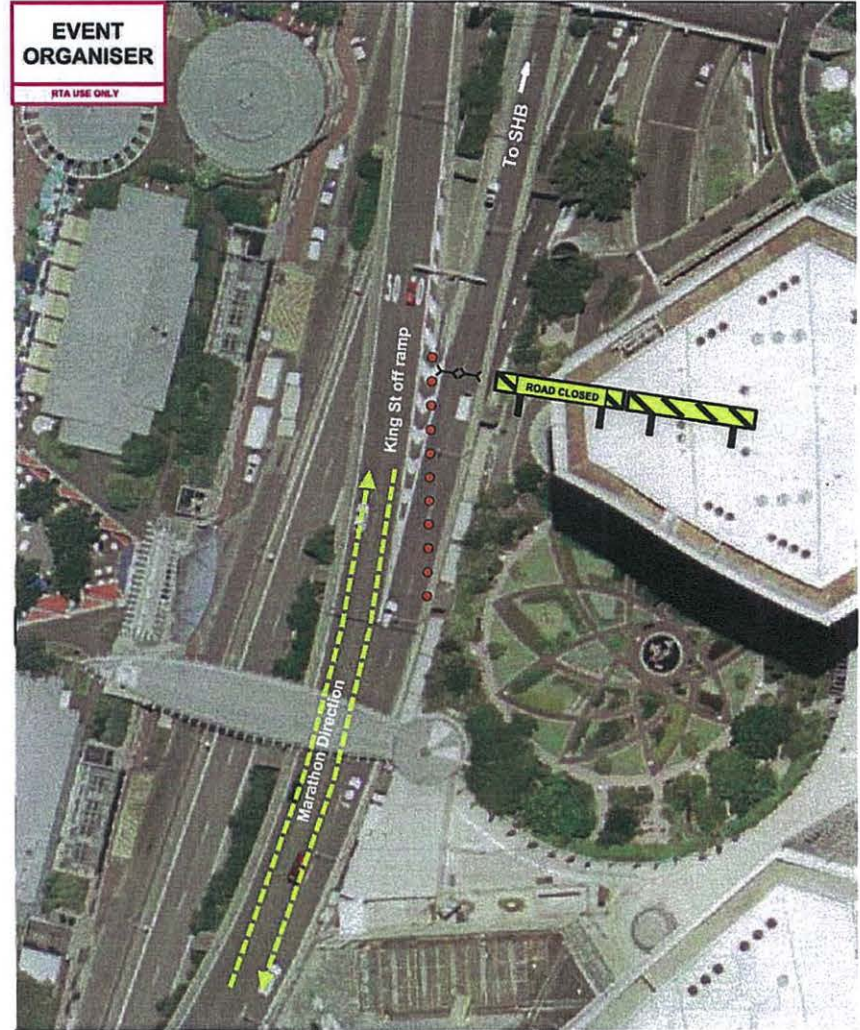



**EVENT ORGANISER**  
RTA USE ONLY



TCP No.: <b>E171</b>		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	 Transport Management Centre
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS					Scale: Not to Scale	

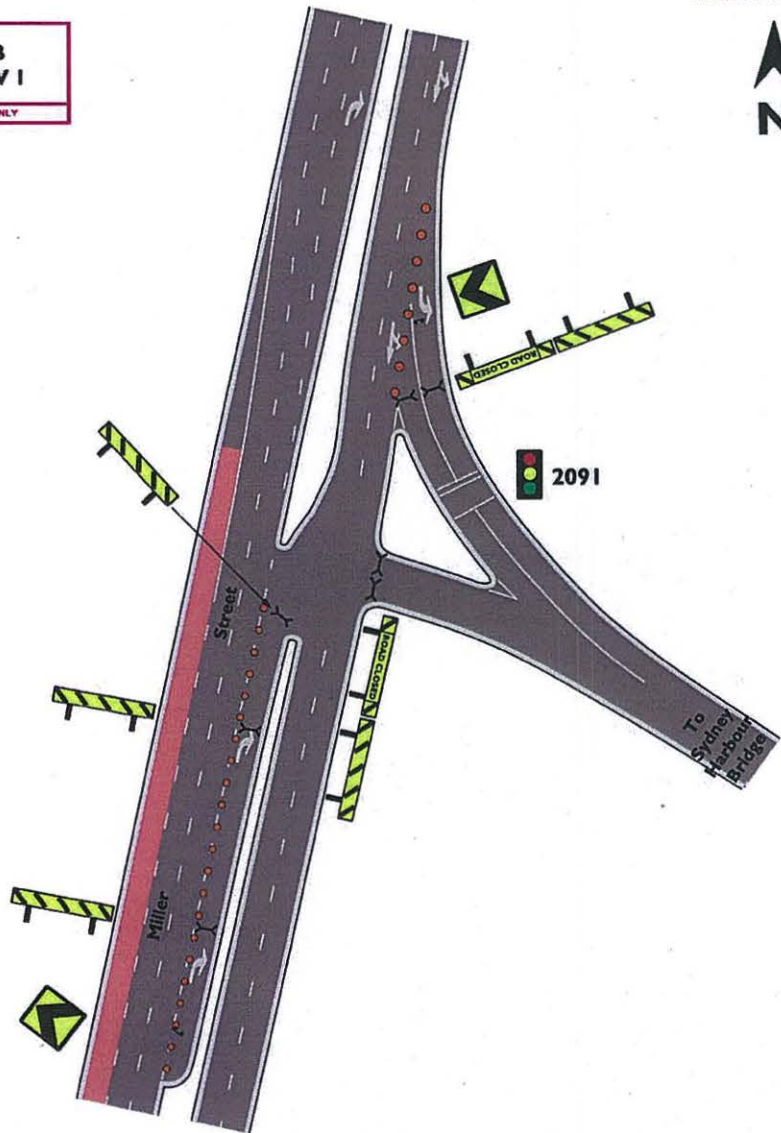
**EVENT ORGANISER**  
RTA USE ONLY



TCP No.: <b>E172</b>		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	 Transport Management Centre
POLICE					Drawn: Major Events	
TRAFFIC MARSHALS		Ensure runners stay within course			Scale: Not to Scale	



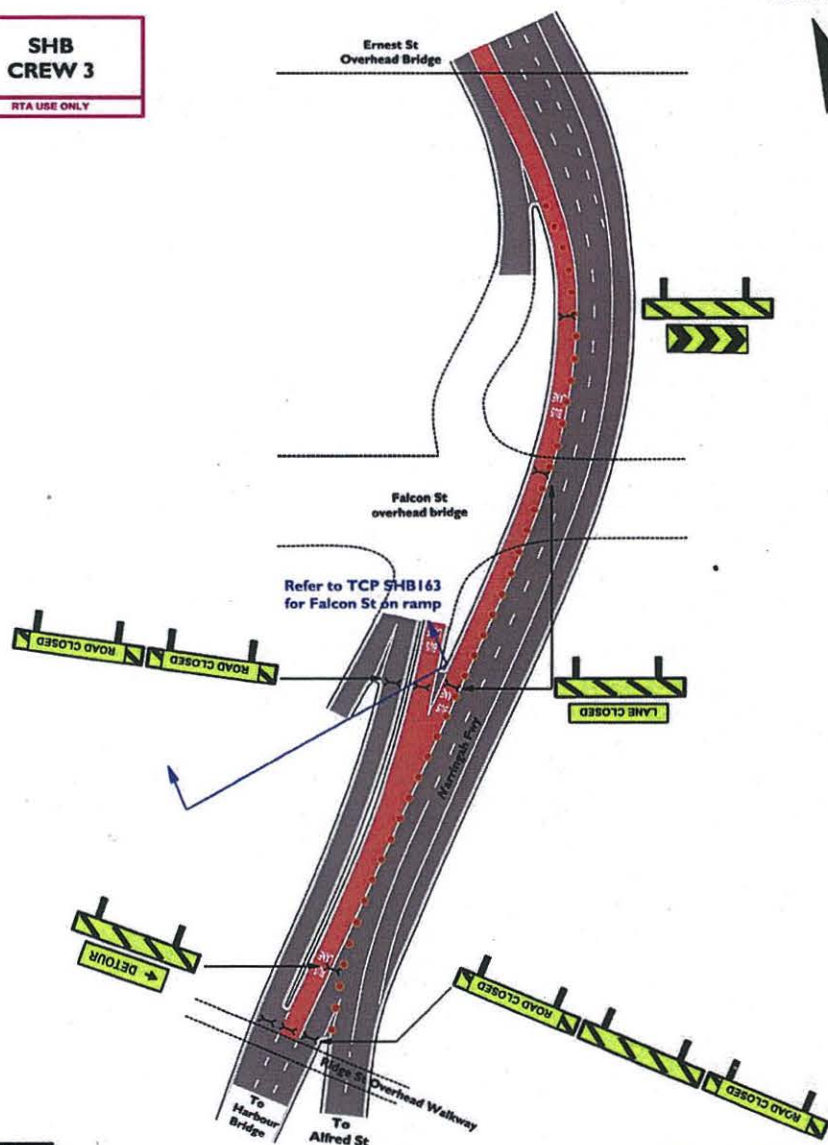
**SHB  
CREW 1**  
RTA USE ONLY



TCP No.: <b>SHB150</b>		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

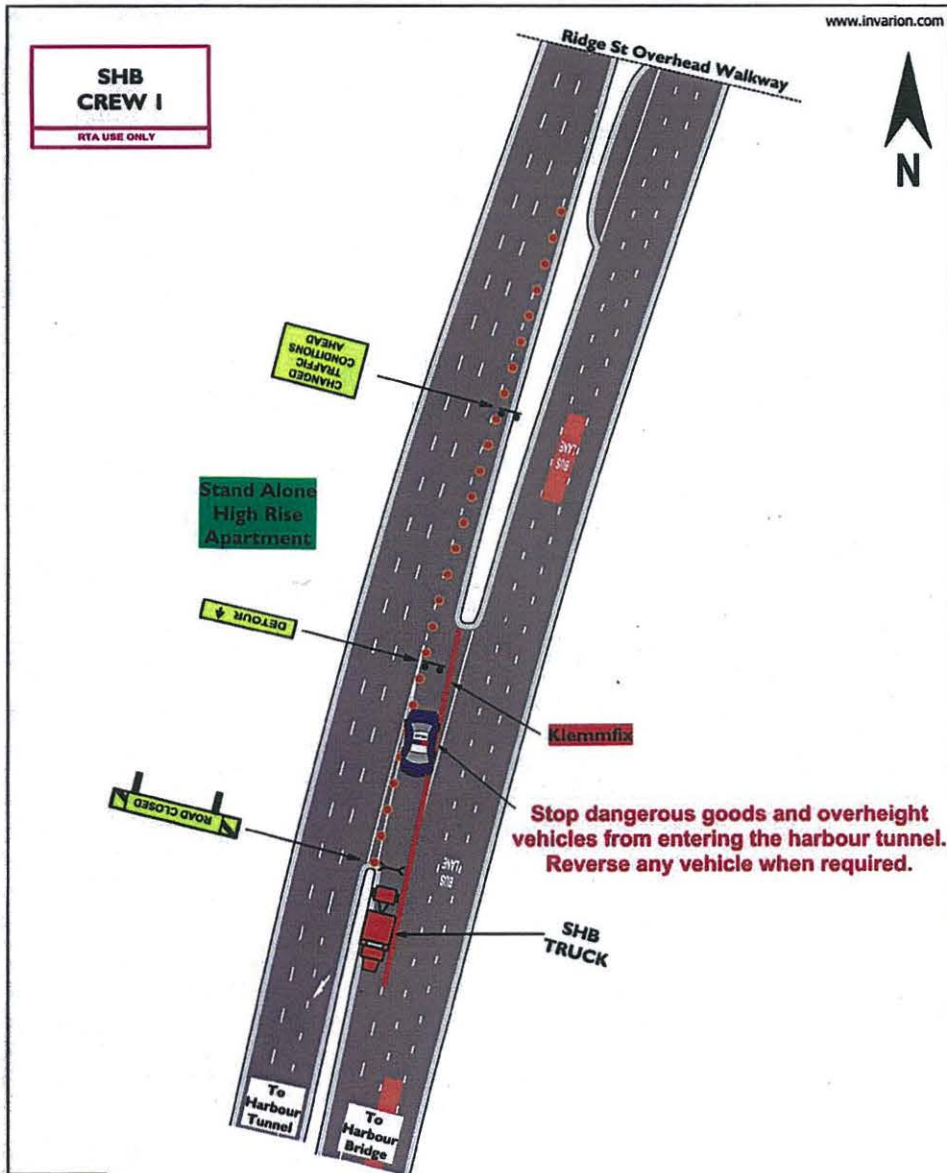


**SHB  
CREW 3**  
RTA USE ONLY



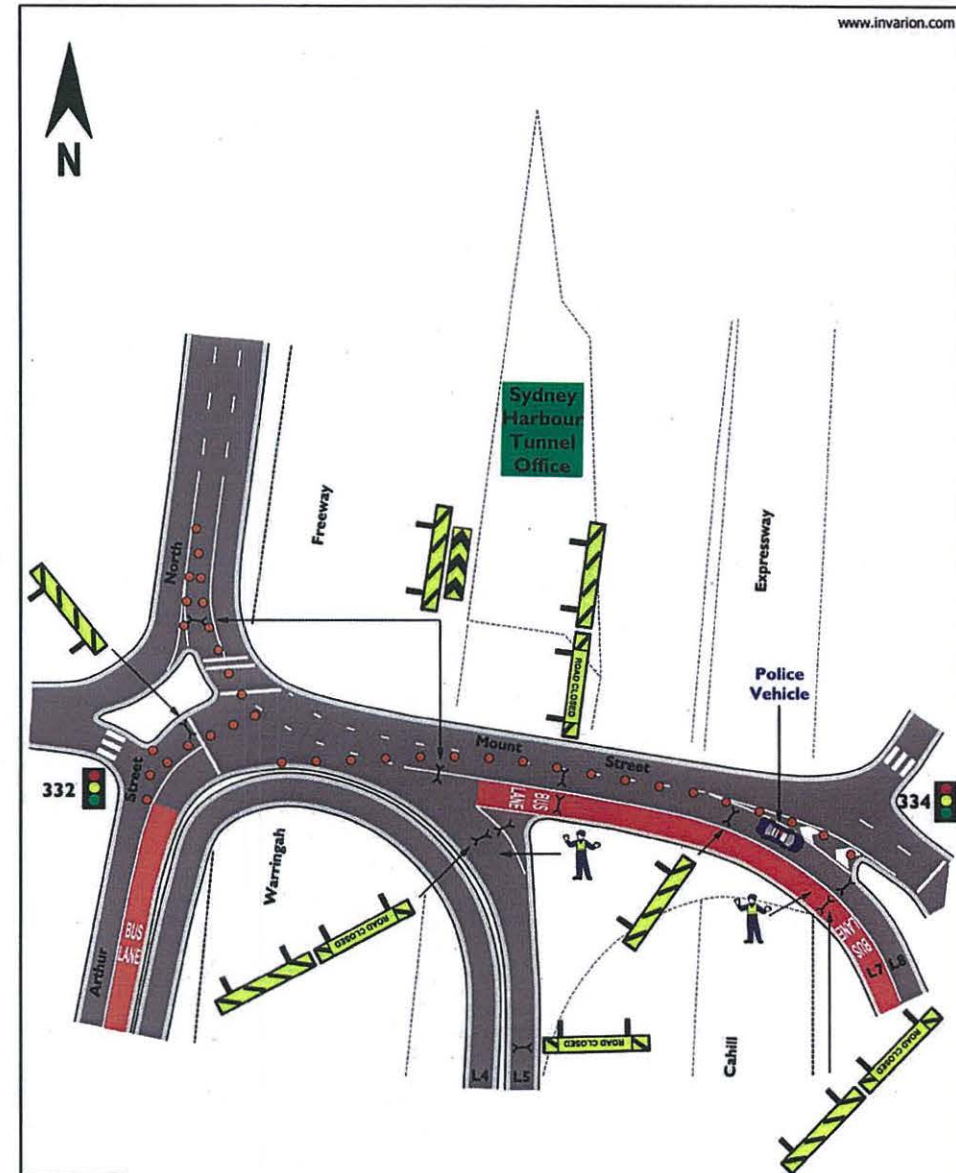
TCP No.: <b>SHB151</b>		Closure of Lane 7 & 8 of Warringah Freeway at Alfred St, Neutral Bay			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



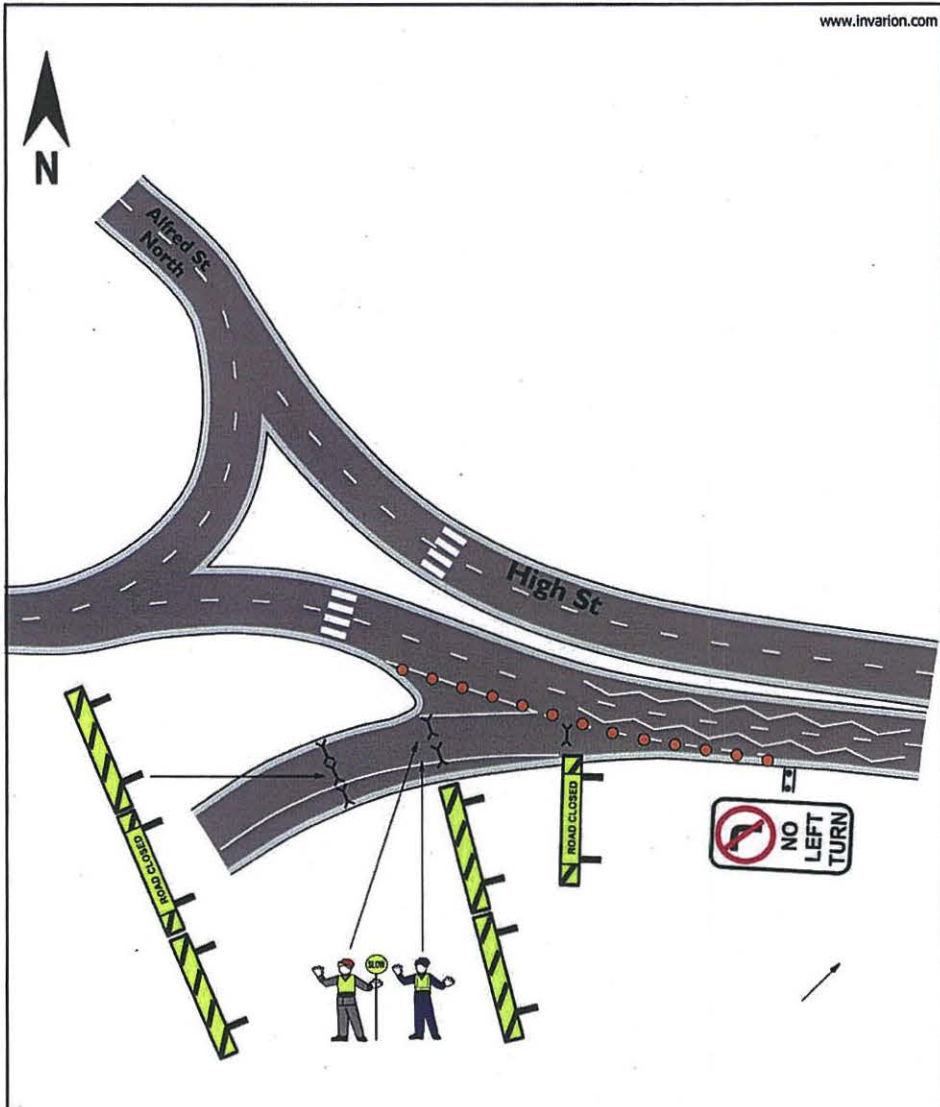


Stop dangerous goods and overweight vehicles from entering the harbour tunnel. Reverse any vehicle when required.

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 overweight vehicles entering harbour tunnel	Standby to respond to incidents in tunnel	0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale

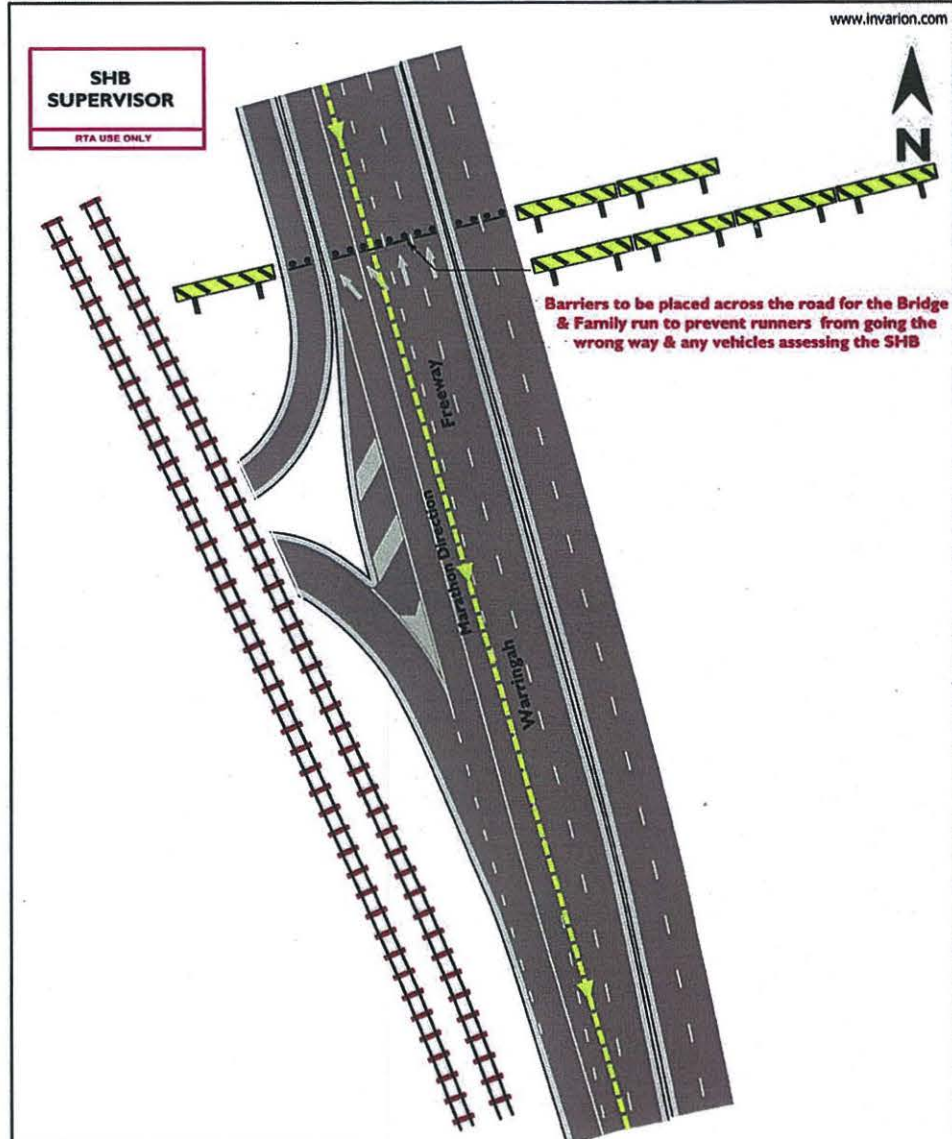


TCP No.: SHB153		Full Closure of SHB On Ramps to Lane 5, 7 (Bus Lane) & 8 at Mount St, North Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated:	29.06.12
POLICE	2	Maintain closure		0400	Drawn:	Major Events
TRAFFIC MARSHALS					Scale:	Not to Scale



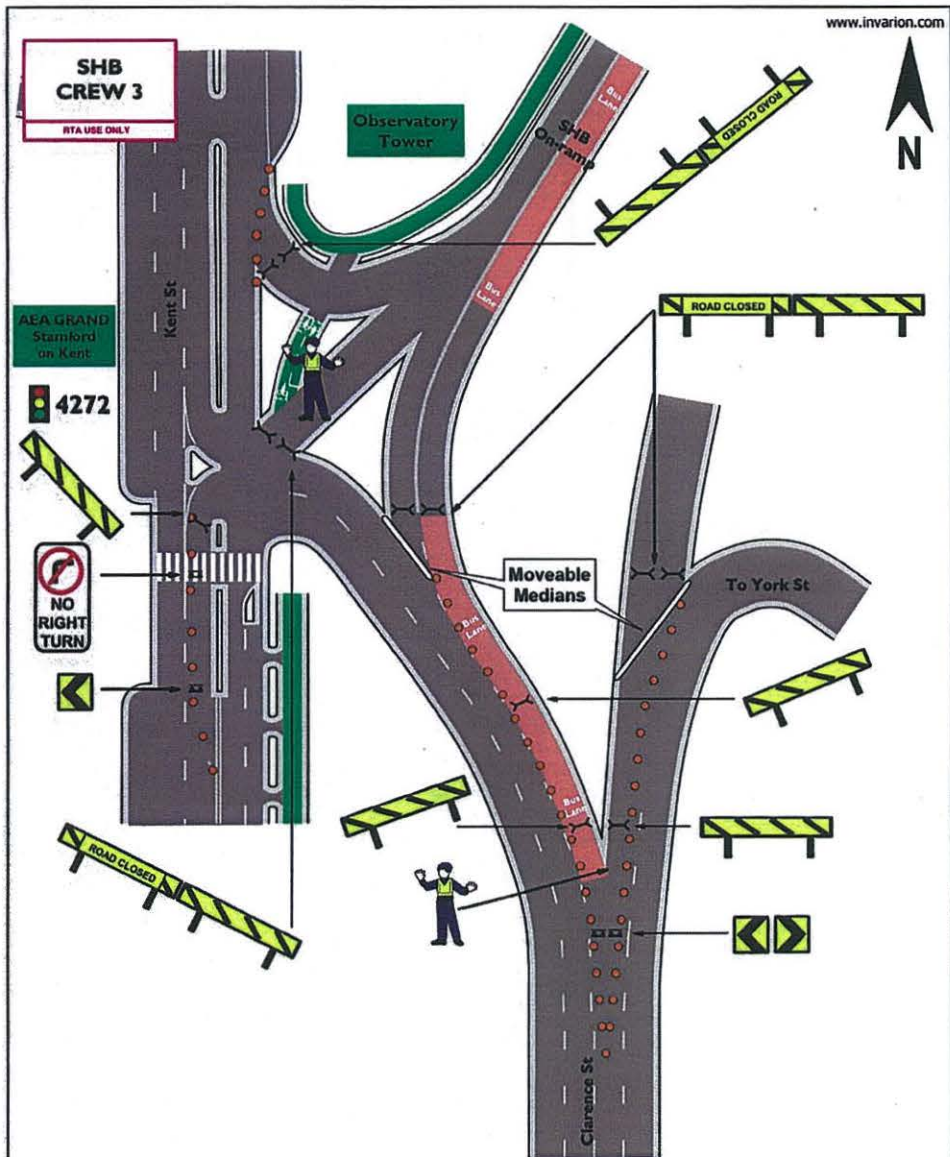
Manage Clothing Truck Access as per schedule

TCP No.: <b>SHB154</b>		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

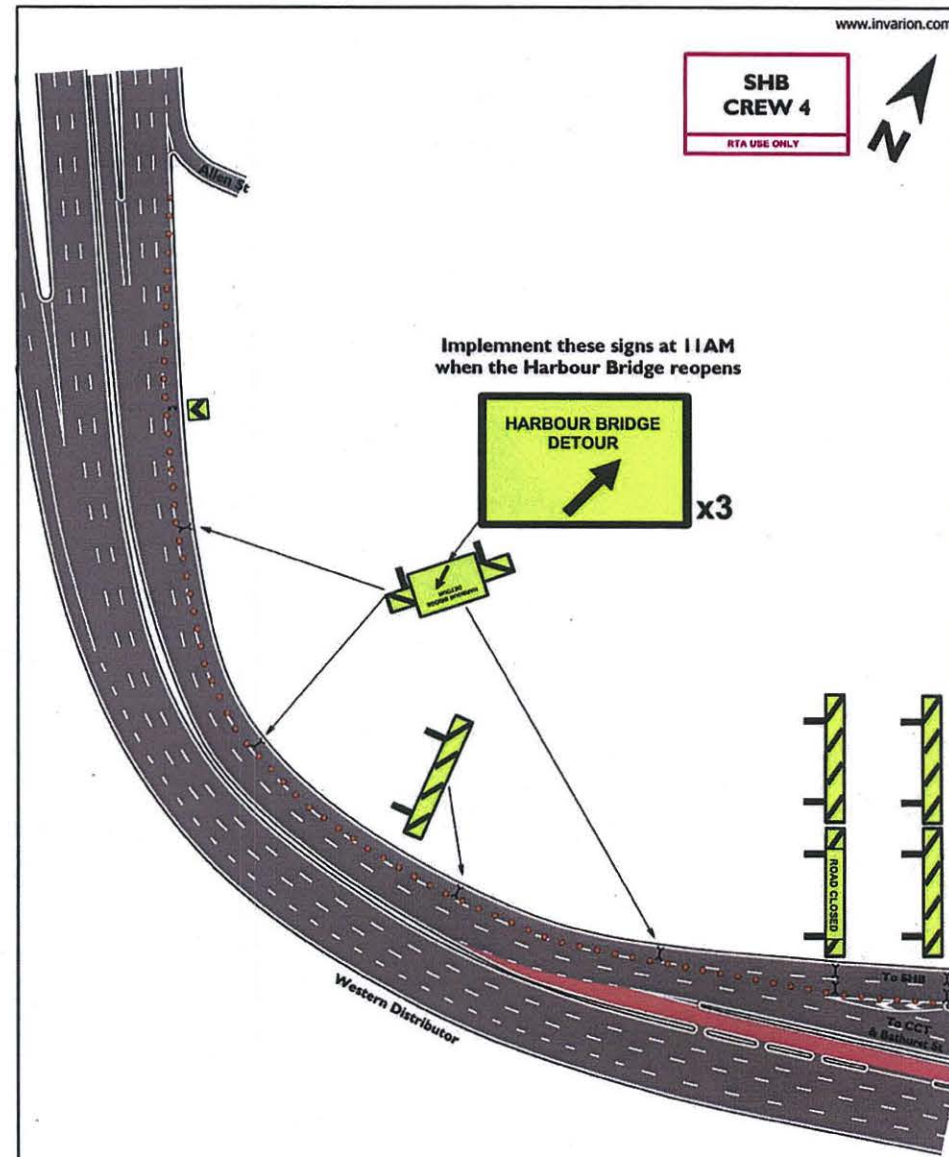


Implement after the last Marathon runner has passed

TCP No.: <b>SHB155</b>		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

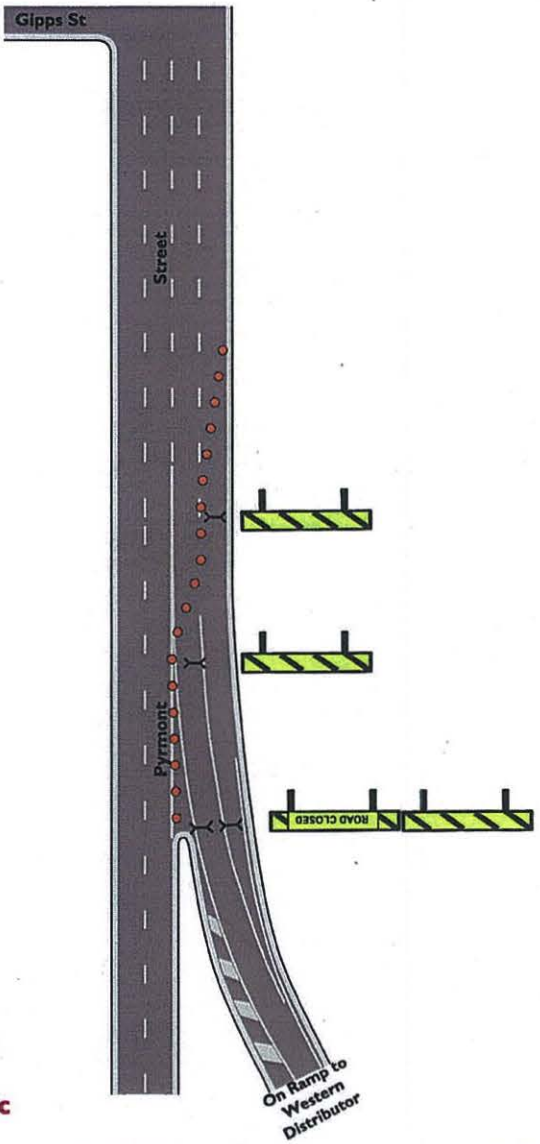


TCP No.: SHB156		Full Road Closure SHB Kent/Clarence St on ramp			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs		0400	Date Updated: 29.06.12
POLICE	2	Maintain closure	Maintain closure	0400	Drawn: Major Events
TRAFFIC MARSHALS					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

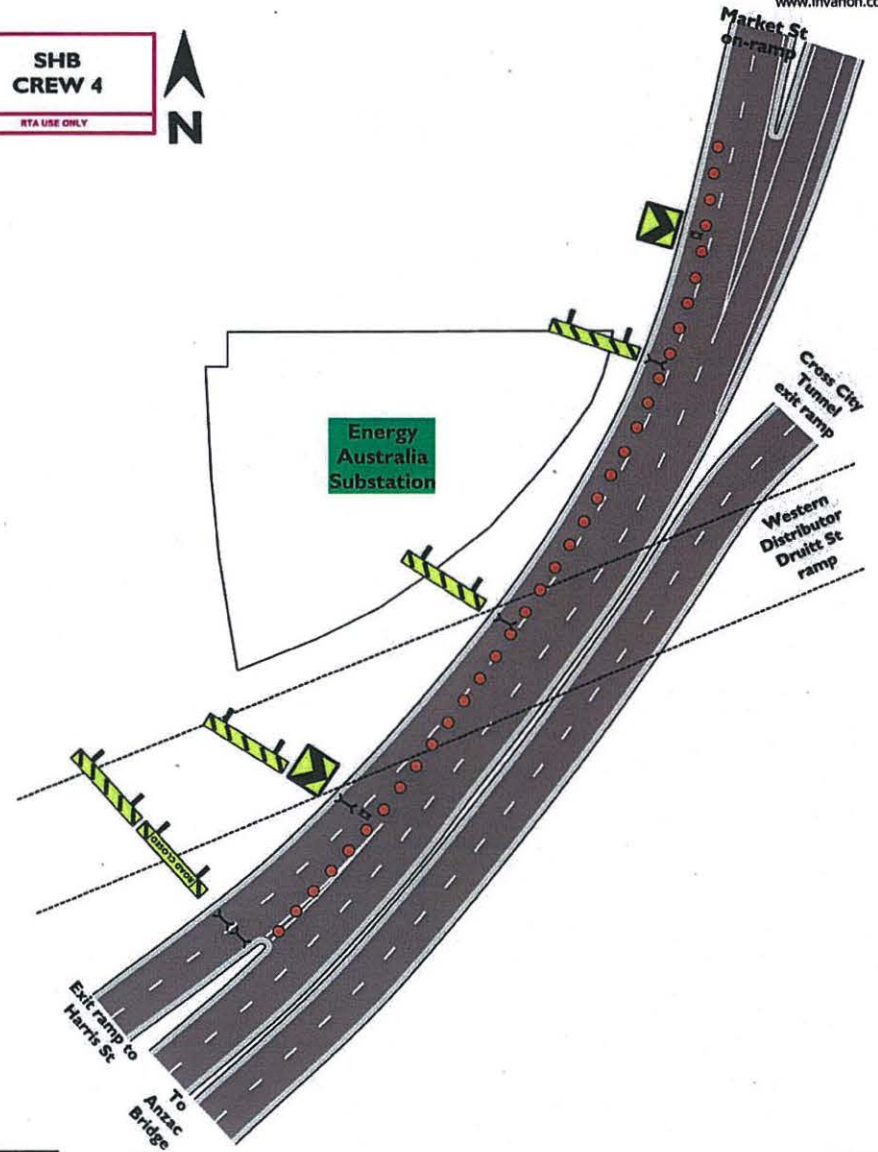


**REMOVE by 5:30am  
once Pymont St is  
fully closed to all traffic**

TCP No.: <b>SHB159</b>		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



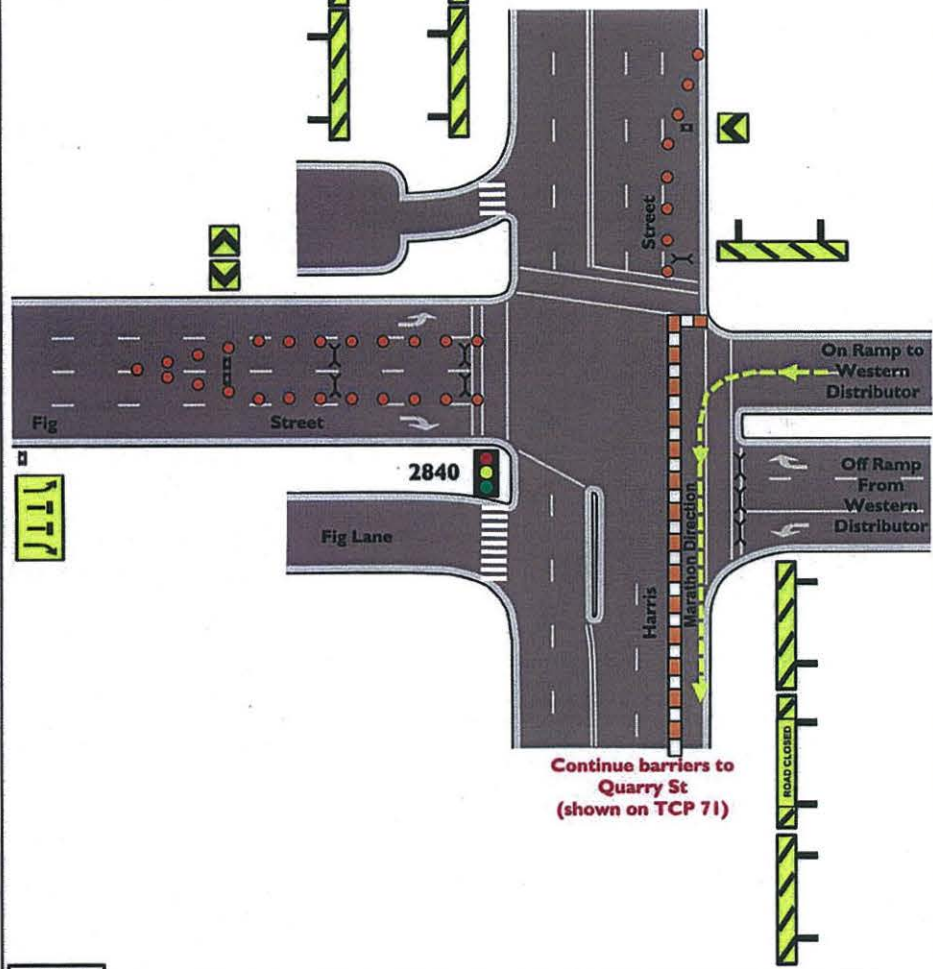
**SHB  
CREW 4**  
RTA USE ONLY



TCP No.: <b>SHB159</b>		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



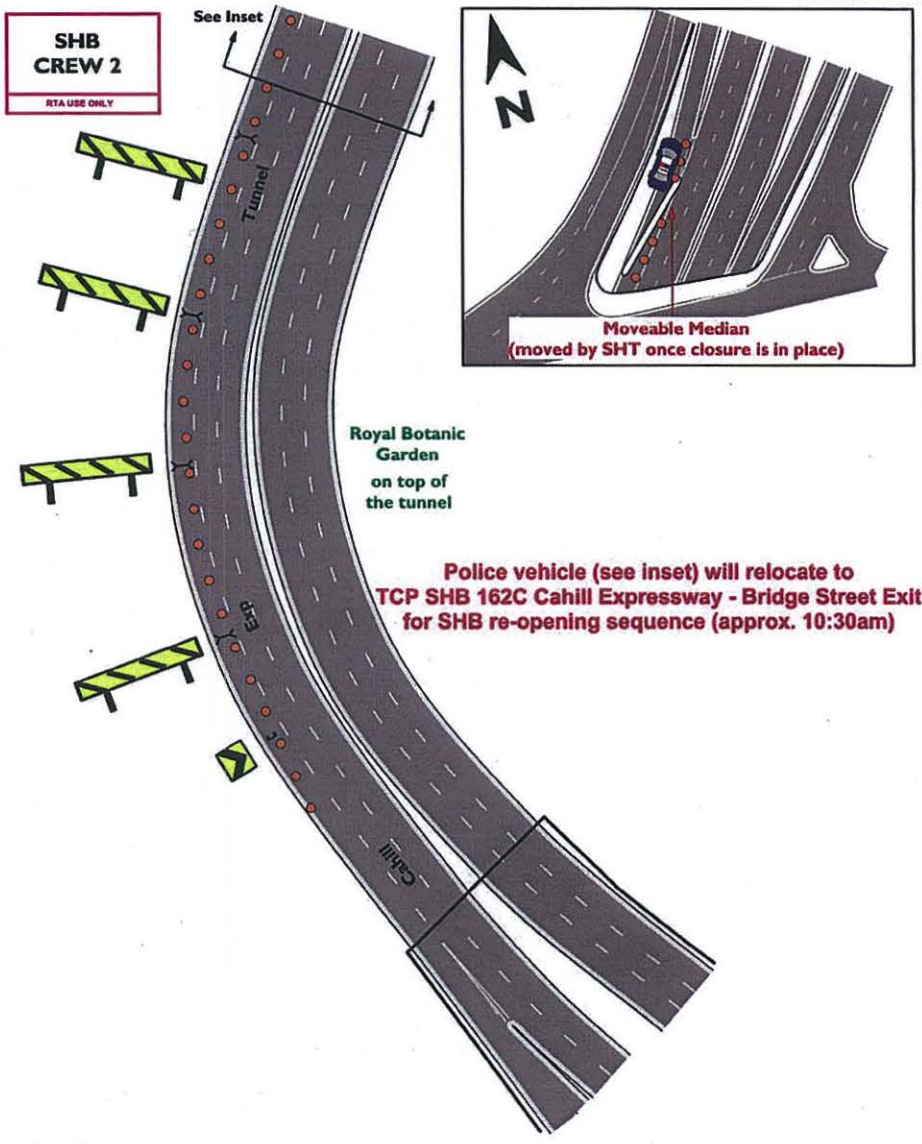
**RTA  
Cosgrove  
Crew**  
RTA USE ONLY



TCP No.: <b>SHB160</b>		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



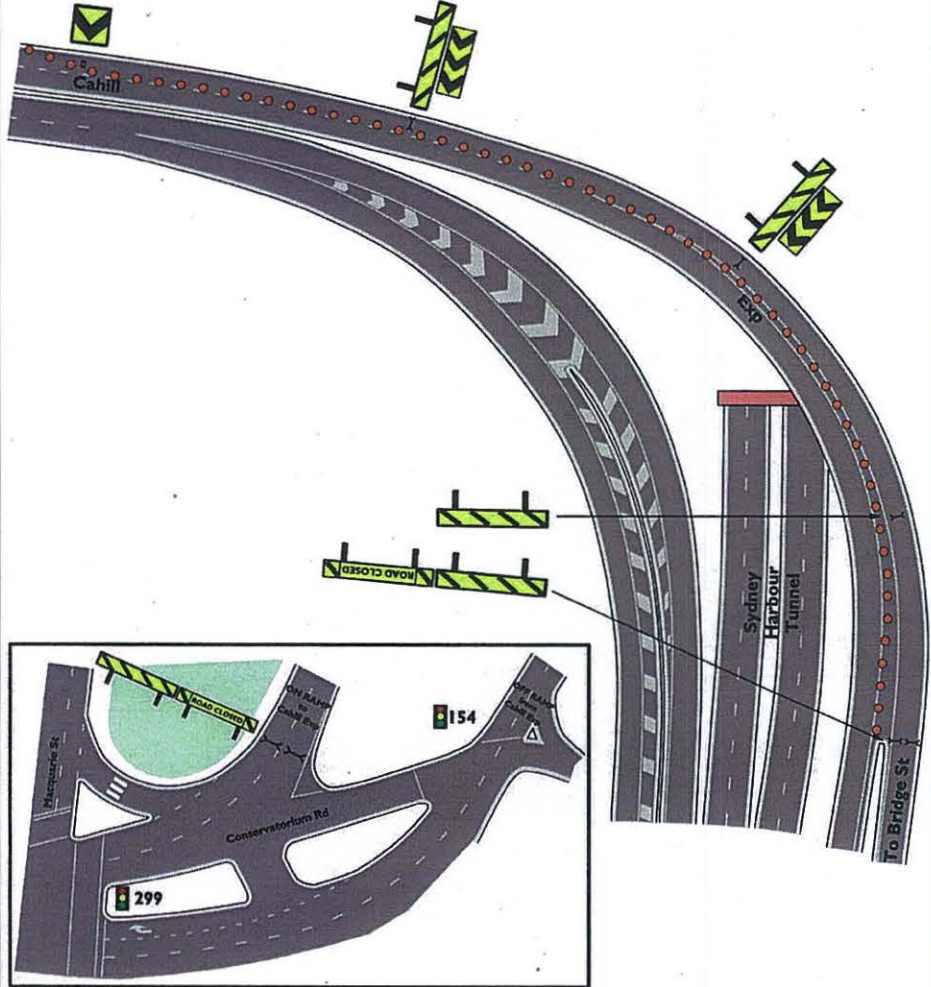
**SHB  
CREW 2**  
RTA USE ONLY



TCP No.: <b>SHB161</b>		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



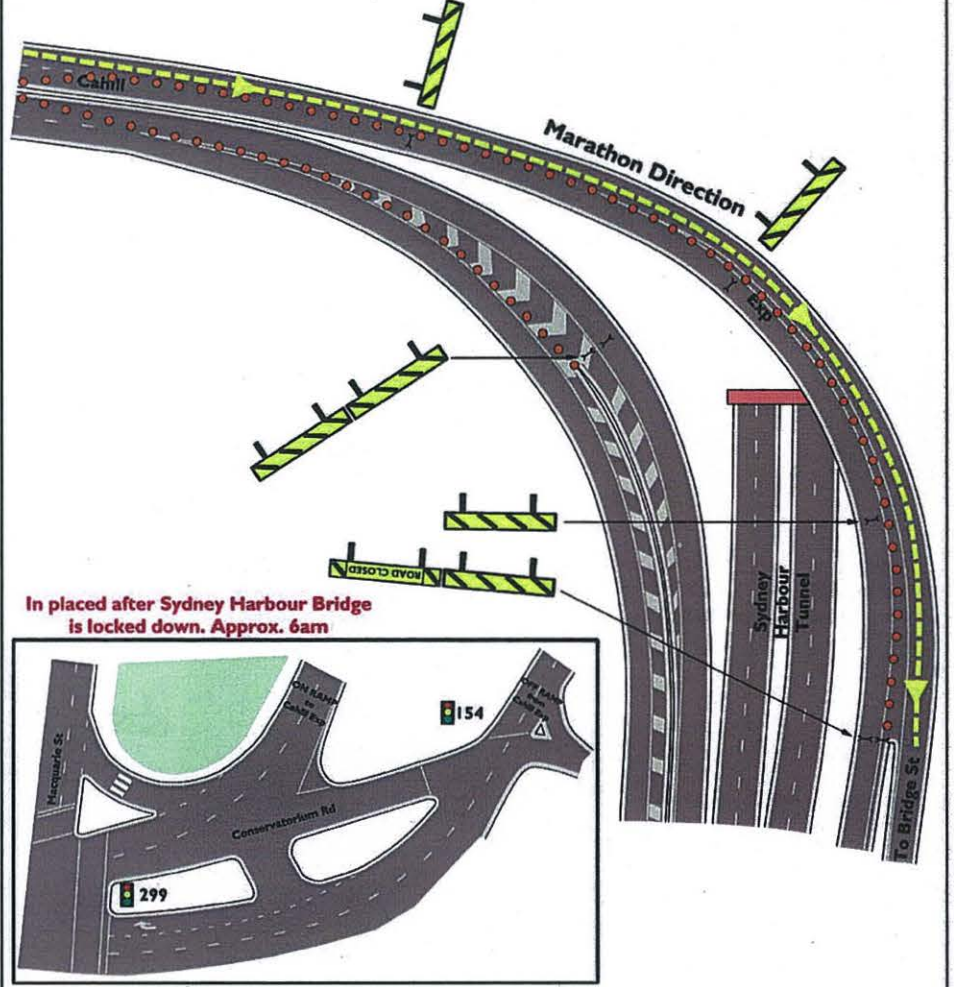
**SHB  
CREW 2**  
RTA USE ONLY



TCP No.: <b>SHB162A</b>		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

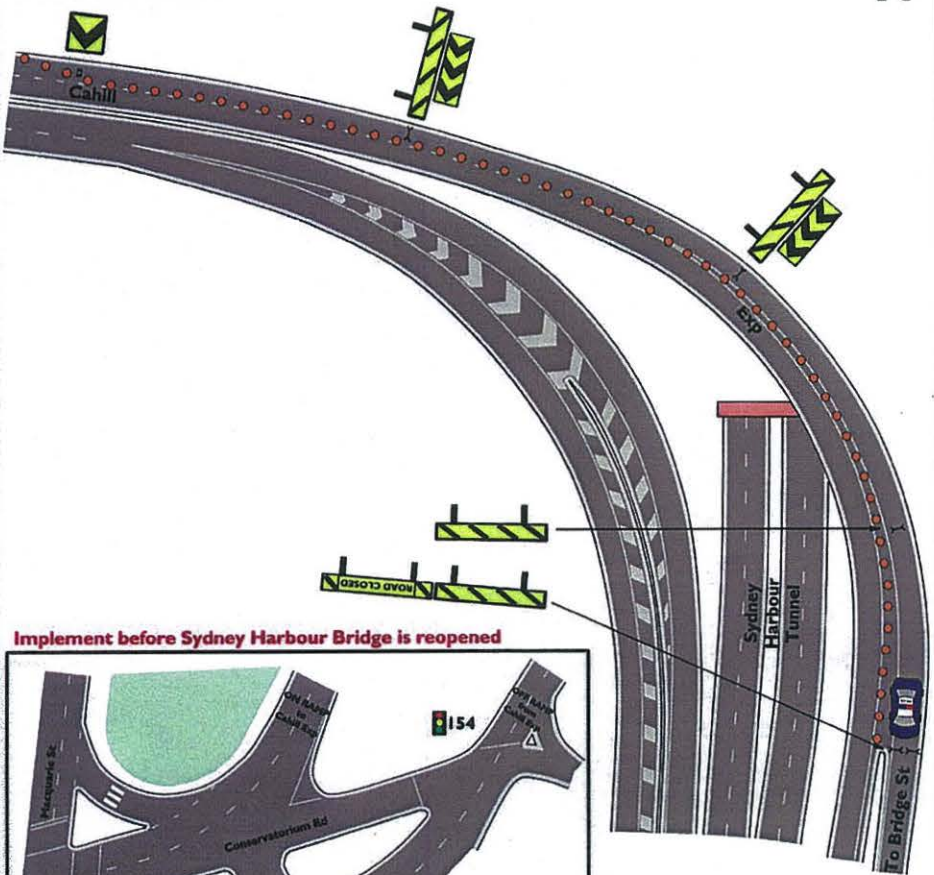


In placed after Sydney Harbour Bridge is locked down. Approx. 6am

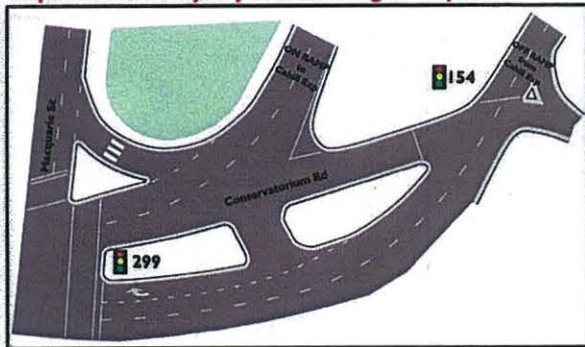
TCP No.: <b>SHB162B</b>		Closure of off ramp from Cahill Expressway to Conservatorium Rd, Sydney			
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival
TMC   RMS		Supply & setup barricades & signs		Approx 0600	Date Updated: 29.06.12
POLICE					Drawn: Major Events
TRAFFIC MARSHALS					Scale: Not to Scale



**SHB**  
Implement: CREW 4  
Remove: CREW 2  
RTA USE ONLY

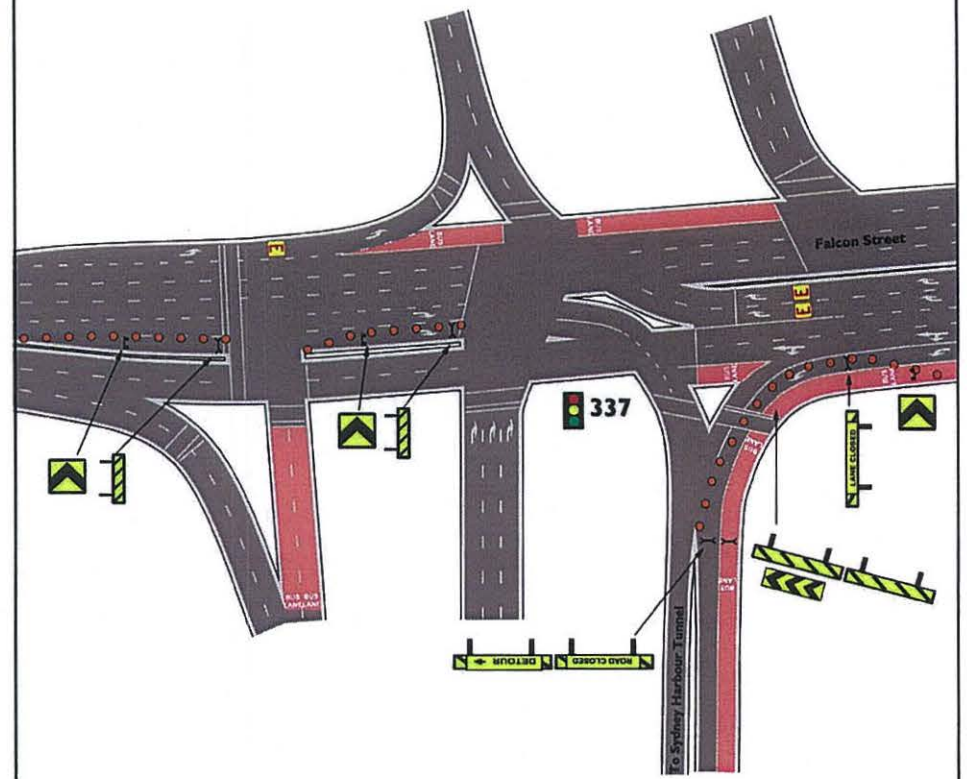


Implement before Sydney Harbour Bridge is reopened



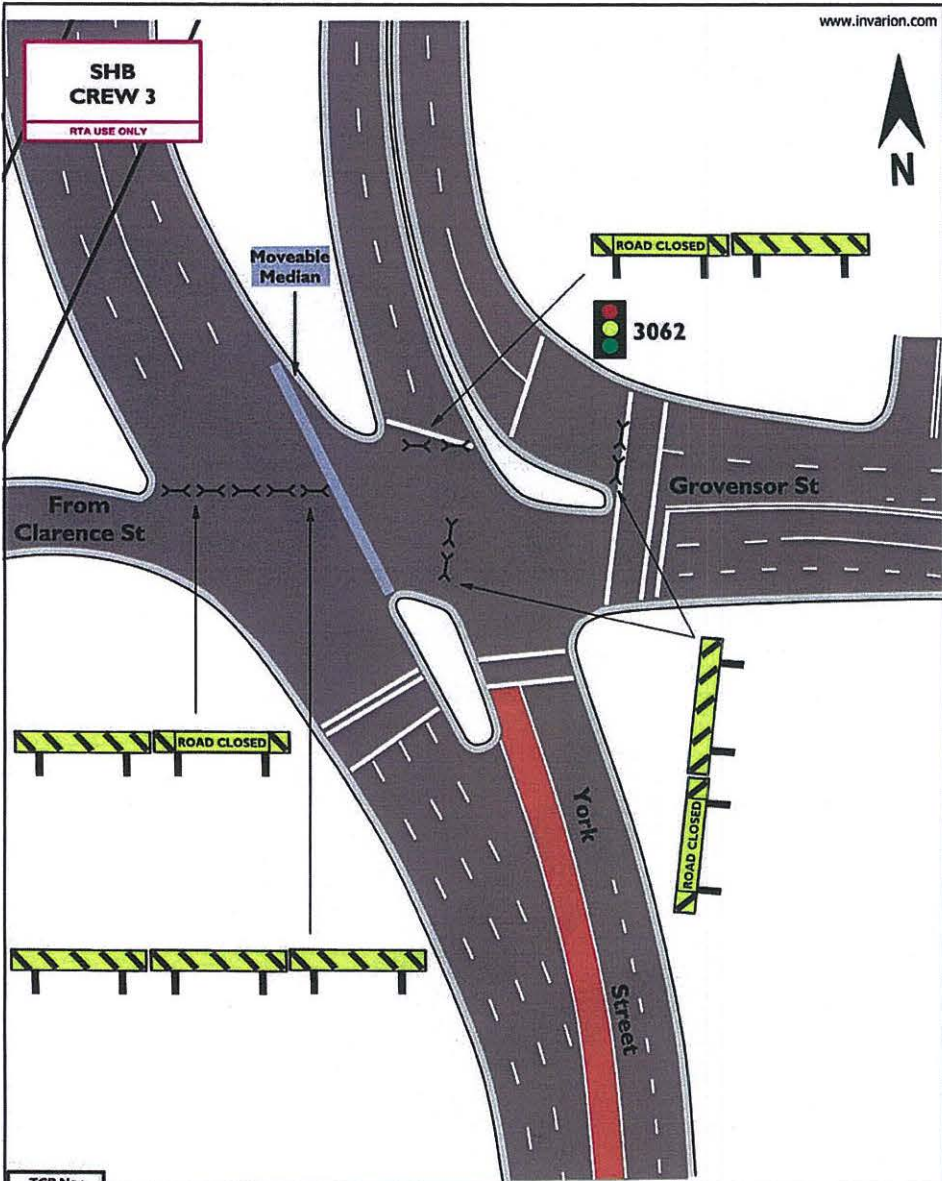
TCP No.: SHB162C		Closure of off ramp from Cahill Expressway to Conservatorium Rd, Sydney				
AGENCY	STAFF NO.	PRIMARY TASK	SECONDARY TASK	TIMES	Sydney Running Festival	
TMC   RMS		Supply & setup barricades & signs		Approx 1030	Date Updated: 29.06.12	Transport Management Centre
POLICE	1	Standby during 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.: <b>SHB164</b>		Full Road Closure of SHB on ramp at Grosvenor 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**

wardship Maintenance Contra  
Sydney West Zone  
Exhibit 5 – Appendices to the Initial  
Forward Works Program Brief