

TRAFFIC MANAGEMENT PLAN

‘Drop Festival 2020’

Version: V 3 | COMMERCIAL IN CONFIDENCE | © Assure Safety Services 2020]

Date: 24 February 2020

Developed by: Momtchil Vassilev

Reviewed by: Simon Clark

Assure Event Safety Services

Trading name of Australian Concert
and Entertainment Security

ABN 16 002 990 794 | ACN 002 990 794

P (02) 9699 7711

F (02) 9699 7755

safe@assuresafety.com.au

www.assuresafety.com.au

National Head Office

79 - 81 Regent Street,
Redfern NSW 2016 Australia

NSW ML No. 404776913

ASIAL Member 003749

NTIS 90024



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1: EVENT DETAILS

1.1 Event Summary

The Drop Festival Pty Ltd. (from here on referred to as TDF) – the Event Organiser and Manager for ‘Drop Festival 2020’ – engaged Assure Event Safety Services (Assure) to prepare this Traffic Management Plan (TMP) and Traffic Control Plans (TCPs, please see Appendix PDF binder) to provide traffic and transport planning support for the ‘Drop Festival 2020’ event. This TMP is based on transport and traffic management strategies that have reportedly been applied previously for this event. Assure made modifications to cater for improved travel and transport of event patrons from and to North Sydney Train Station (via shuttle buses). This plan will be progressively updated following stakeholder input. Event details are as follows (for further information readers should see: <https://www.thedropfestival.com/info/events/manly/>):

- Event Name: ‘Drop Festival 2020’
- Event Location: Keirle Park, 277 Pittwater Road, Manly, NSW 2095
- Event Date: Saturday, 14th of March 2020
- Start Time: 13:00hrs
- Finish Time: 22:30hrs
- Event Setup Start Time: Tuesday, 10th of March 2020, 07:00hrs
- Event Packdown Finish: Monday, 16th of March 2020, 19:00hrs
- The Event Is: Off-Street
- Classification: Class 2 (subject to Northern beaches Council LTC determination)
- Event Capacity: estimated 9,000 patrons.

1.2 Contact Names:

Event Organiser and Event Management Company: TDF

Contact: Jeremy Stones – Event Operations Manager

Mob: 0401 422 696, E-Mail: jeremy@thedropfestival.com

Contact: Ken O'Brien – Director

Mob: 0488 023 332, E-Mail: ken@thedropfestival.com

NSW Police:

Contact: Inspector Jamie Reimer (Manly PAC)

Tel: 02 9971 3369

Council: Northern Beaches Council (referred to as NBC)

Contact: Phillip Lane – Principal Planner

Mob: 0419 495 152

TMC - Transport Management Centre - Transport NSW / Roads & Maritime Services (RMS)

Contact: TBA

Shuttle Buses – (TBC)

Contact: TBA

Supplier of Traffic Control Signs and Devices (as noted in TCPs; excluding any crowd control barriers or light tower) - Assure Event Safety

Contact: Momtchil Vassilev, 0416 120 848, momo@avertrisk.com.au

Supplier of Traffic Controllers for public roads (does not include off-street parking staff) – ACESGroup

Contact: Momtchil Vassilev, 0416 120 848, momo@avertrisk.com.au

Contact: ACESGroup HO (02) 9699 7711.

1.3 Brief Description of the Event

The event is a one day ticketed, 18+, live music event. Crowd capacity will be confirmed closer to event dates, but currently estimated as 9,000. The site has been used for this purpose previously.

2: RISK MANAGEMENT - TRAFFIC

2.1 Work Health & Safety - Traffic Control

A Risk Management approach shall be an integral part of the planning for any activity. Safety risk identification, assessment and control process is a legal obligation (as per the WHS Act and Regulations 2011) and should be aligned with AS/NZS ISO 31000 - Risk Management and the Code of Practice 'How to Manage Work Health & Safety Risks'. Broader event risk management is best practice and a fundamental part of due diligence. TDF is the Event Organiser and Manager, and the risk manager for the overall event operations and shall ensure that the risk management methodology and culture are applied throughout all stages and aspects of the event activities. Assure uses TCPs and TMPs as specialised traffic risk control measures, but notes that TCPs and a TMP alone cannot entirely substitute for a thorough AS/NZS ISO 31000 - based event risk assessment.

This TMP is based on the RMS 'Guide to Traffic & Transport Management for Special Events' (Version 3.5, July 1, 2018). TCPs in the Appendix are designed by Momtchil Vassilev - RMS PWZTMP Card № 0051720255. TCPs are designed in reference to RMS 'Traffic Control at Worksites' – TCAWS Technical Manual (version № 5.0, 27 July 2018, RMS.18.898) and AS 1742 (series).

TMP Risk Matrixes:

CONSEQUENCE:			
Severity	Health & Safety:	Traffic impact:	Property Damage:
5	One or more fatalities or permanent disability/ill health to one or more persons.	Level of Services (LoS): F. Unacceptable impact on the performance of the road network.	Total property damage (vehicles and road assets).
4	Serious Injury or Illness requiring immediate hospital admission via ambulance (in-patient).	LoS: E. Major impact on the performance of the road network.	Major property damage.
3	Moderate Injury or Illness requiring hospitalisation via ambulance (out -patient).	LoS: D. Moderate impact on the performance of the road network.	Moderate property damage.
2	Minor Injury or temporary ill health requiring treatment by medical practitioner.	LoS: C. Minor impact on the performance of the road network.	Minor property damage.
1	First aid treatment on site.	LoS: A to B. No impact on the performance of the road network.	No property damage.

Consequence Note: *Not all three consequence descriptors necessarily apply to each risk scenario.*

LIKELIHOOD:		
A	Almost Certain	The risk will occur during the event period.
B	Likely	The risk will probably occur during the event period.
C	Possible	The risk might occur at the event.
D	Unlikely	The risk is not expected to occur.
E	Rare	The risk is not known to occur in most circumstances.

RISK MATRIX:					
Likelihood	Consequences				
	1	2	3	4	5
A	Medium	High	High	Very High	Very High
B	Medium	Medium	High	High	Very High
C	Low	Medium	High	High	Very High
D	Low	Low	Medium	Medium	High
E	Very Low	Low	Medium	Medium	Medium



TMP RISK REGISTER						
#	Hazard / Risk Source	Risk	Inherent Risk	Risk Controls	Residual Risk	Risk Owner
1	Patrons arriving on foot to the event and/or in higher than usual concentrations (high crowd volumes) near Pittwater Road.	Potential for MVA – pedestrian hit by vehicle.	C4 High Risk	☐ Shuttle bus set-down/pick-up designed to be on the event site side of the road to ensure that patrons walk directly into the venue (see TCP1A and TCP1B), ☐ Taxi, Uber and private car set-down/pick-up zone proposed with the same intent – to avoid patrons crossing roads (see TCP2), ☐ Flat foot type crowd control barriers to be installed as per TCP1A and TCP1B. TDF and Assure continue consulting and design a further plan of CCB use in relation to funnelling patrons onto shuttle buses during egress, ☐ Assure to consult with STA and provide information about STA services using the existing bus stop during event egress, or potentially not servicing this stop during the specific times of egress (21:30-23:00hrs on Saturday, 14th of March 2020), ☐ Security/crowd controllers to deter patrons from jaywalking, ☐ TDF consider placing a lighting tower as indicated in TCP1B for enhanced visibility during egress, ☐ TDF consider having first aid capabilities at all staged of the event.	D3 Medium Risk	TDF: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
2	Higher than expected attendance numbers.	Potential for MVA – pedestrian hit by vehicle or vehicle-vehicle collision.	D4 Medium Risk	☐ TDF to use all possible means to gauge attendance numbers and communicate data to Assure and other stakeholders so adjustments to planning can be made, ☐ TDF consider having a post-code recording capability as part of ticket sales in order to support further travel and transport planning, ☐ TDF make use of the available space to the North-east of the site to stage patrons away from Pittwater Road, ☐ TDF apply event programming that supports staggered egress of patrons from the venue, ☐ TDF provide additional shuttle bus services if attendance numbers are high based on ticket sales.	E2 Low Risk	TDF: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

The register will be progressively updated and enhanced following further stakeholder consultation.

2.2 Public Liability Insurances

TDF insurance letter will be included in this section in due time. ACESGroup/Assure letter:



CERTIFICATE OF CURRENCY

In our capacity as Insurance Brokers, we hereby certify that the undermentioned Insurance Contracts are current as at 29 August 2019.

This certificate is issued as a matter of information only and confers no rights upon the certificate holder. This certificate does not amend, extend or alter the coverage afforded by the policy below.

CLASS: Public & Products Liability

INSURED: Australian Concert and Entertainment Security Pty Ltd (ACE Security),
ACES Group, Secure Domain, Avert Risk Management Services,
Assure Event Safety Services, Affirm Training, Event Force, Alleviate
Event Administration & Logistics, Australian Concert &
Entertainment Services Pty Ltd

INSURER: Lloyd's of London

POLICY NUMBER: 11398X11

SITUATION: 79-81 Regent Street, Redfern, NSW 2016

EXPIRY DATE: 4:00pm on 31 August 2020

LIMIT OF LIABILITY: \$50,000,000 any one occurrence
\$50,000,000 in the aggregate in relation to Products Liability

GEOGRAPHICAL LIMITS: Worldwide excluding USA & Canada

INTERESTED PARTIES:

- Art Gallery of NSW
- Arts Centre Melbourne
- Auckland Stadiums
- Austar Entertainment
- Barangaroo Delivery Authority
- Bayside City Council
- Botanic Gardens Trust
- Centennial Park Moore Park Trust
- Chugg Entertainment
- City of Gold Coast
- City of Parramatta
- City of Randwick
- Cumberland Council
- Department of Finance and Treasury Victoria
- Department of Finance, Services and Innovation
- Destination NSW
- Foxtel Management
- Frontier Touring
- Hills City Council

NOTICE TO OUR VALUED CLIENTS:

Clients who are not fully satisfied with our service should contact our customer relations/complaints officer, Peter Hogan (phone 02 8274 8129).

GSA Insurance Brokers also subscribe to the Insurance Brokers Dispute Limited (IBDL), a free customer service, and the General Insurance Brokers Code of Practice. Should you require further information please do not hesitate to contact our office.

PO Box 101,
Grosvenor Place NSW 1220

Tel: +61 2 8274 8100
Fax: +61 2 9252 5882

'The Old Presbytery' 137 Harrington Street, Sydney NSW 2000

www.gsaib.com.au

GSA Insurance Brokers Pty Ltd (GSA)
ABN: 34 084 437 196 AFSL: 238477

- Inner West Council
- IPG
- Jack Morton Worldwide
- Jack Morton Worldwide - Australia
- Laneway Festival
- Logan City Council
- Luna Park Sydney
- Macedon Ranges Shire Council
- Melbourne & Olympic Parks
- Merlin Entertainments
- NSW Department of Industry
- NSW Department of Premier and Cabinet
- Office of Environment and Heritage
- Place Management NSW
- Port Authority of New South Wales
- Property NSW
- Roads and Maritime Services
- Royal Agricultural Society
- Royal Agricultural Society of NSW trading as Sydney Showground and Sydney Royal Easter Show
- Stadiums Queensland
- Sydney Cricket & Sports Ground Trust
- Sydney Olympic Park Authority
- The Council of the City of Sydney
- The Hills Shire Council
- Transport for NSW
- Transport for NSW
- Venues NSW
- VenuesWest
- Vicinity Centres,
- Victoria Racing Club
- Waverley Council
- Willoughby City Council

Noted for their respective rights interests only.

Yours faithfully,



Sarah Adolphe
Account Broker

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ABN: 34 084 437 196 AFSL: 238477

2.3 Police

TDF and Assure will undertake consultation with NSW Police during meetings and via e-mail. Police input will be considered in further versions of this plan.

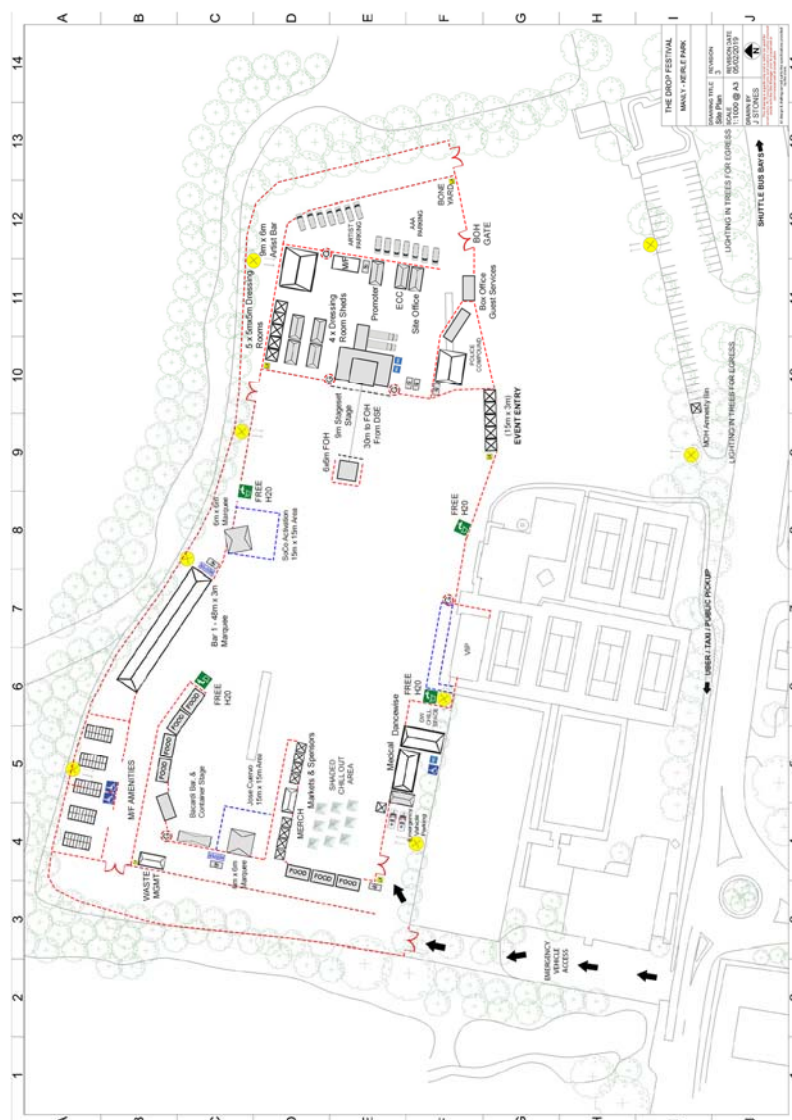
2.4 Fire + Rescue NSW and NSW Ambulance

Assure is available to distribute copies of this TMP to local Fire + Rescue NSW representatives and NSW Ambulance Service. Emergency services will have unobstructed access to the event venue/site via the two main entrances - driveways of $\geq 3.5\text{m}$. width.

3: TRAFFIC & TRANSPORT MANAGEMENT

3.1 The Route and Location

No route applicable as the event is off-street and at a fixed site. The event will take place inside the Keirle Park event area as depicted on the site plan below.



3.2 Parking Arrangements

Public on-street parking will be discouraged and shuttle bus service and public transport advertised as much as possible. After careful consideration and assessment of the off-street parking use on previous years, TDF determined that off-street parking would not be critically required. Some limited on-street parking is available in the local area with relevant day-of-week, timing, and local area zoning conditions.

3.3 Construction, Traffic Calming & Traffic Generating Developments

Assure undertook inspections of the roads considered in this document. Assure did not identify any traffic calming devices that may adversely affect traffic operations for this event.

Assure will rely on NBC for information on planned activities in the local area that may have impact on the event traffic planning. Assure will check www.livetraffic.com closer to the event dates for any scheduled workers or special events. At the time of writing, Transport – Sydney Trains Trackwork calendar does seem to project into 2020. Assure will carry out checks at a later stage.

Event bump-in and bump-out periods will involve freight vehicles with equipment entering the site via Pittwater Road. The majority of vehicles will be 3-5t. trucks and possibly 10% 12t. trucks. The largest type of vehicle expected is a semi-trailer and such vehicles will be kept to a minimum due to restrictive access point. Trucks will be unloaded and loaded inside the fenced event site. No stopping or parking of trucks will be required on public roads. TDF will instruct contractors on approach and departure routes and conditions. Assure anticipates less than 20 truck movements per day. The works will not have a notable impact on residents, local business or emergency services.

3.4 Trusts, Authorities, or Government Enterprises

TDF will obtain approvals from NBC and NSW Police Force as relevant. Evidence of such approvals will be included in this section when available, as well as PIU Road Occupancy Licences as relevant to the TCPs.

3.5 Impact on/of Public Transport

Sydney Trains services via North Sydney Station will experience increase of demand, related to shuttle bus service between the event site and North Sydney Station. Assure will carry out a travel modal scenario assessment in consultation with TDF and the shuttle bus service operator in order to determine likely impact. Assure experience with events between (2,000 and 46,000) suggests that overall; the 'Drop Festival 2020' will not cause undue impact on trains services.

STA – Sydney Buses services 169, 199 (primary), and 159 and 146, are likely to experience increase in demand, however the train and shuttle bus options is likely to attract the most significant share of the attendance numbers. Assure will consult with STA to determine impact of TCP1A and TCP1B and best strategy of managing regular services in the context of the event (Assure preferred option – bus stop not in operation; passengers to alight and board at previous and following bus stops).

3.6 Reopening Roads after Moving Events

Not applicable. No planned road closures. If emergency road closures applied for flood emergency evacuation, NSW Police and Assure Traffic Manager to coordinate and apply established industry practice for checking for obstructions and clearing pedestrians before road reopening.

3.7 Traffic Management Requirements Unique to this Event

Traffic management requirements are discussed throughout this document and the attached TCPs. There are no additional unique requirements (as defined on p.55 of the RMS 'Guide to Traffic & Transport for Special Events').

Assure will add to this section travel modal scenario tables in future versions of this plan and following consultation with relevant stakeholders (pending information about shuttle bus capacities in particular).

Assure developed emergency TCPs in relevance to document 'Flood Risk Management Report Job No. 190163 – Revision C (2020 event)', prepared by Mr. Cameron Haack as instructed by TDF. M.Vassilev believes that TDF is unlikely to be able to effectively manage mass flood evacuation due to:

- a) Event security officers/crowd controllers not having authority in the public domain beyond the event site to effectively and assertively direct evacuees along the designated path,
- b) Evacuees/public are generally entitled to disperse along the paths their free wills desire, hence there is not certainty they will be willing to follow the evacuation path,
- c) The cost of implementation of the emergency TCPs is significant with doubtful necessity given there is not guarantee that evacuees in their mass will follow the intricate evacuation path drawn in the above-mentioned Flood Risk Management Report,
- d) Flood evacuation will expectedly trigger response from the main Combat Agency for floods and storms – SES (Command) and NSW Police (Control). The duty of care for the community and public in the areas under flood threat is likely to fall on these two agencies broadly.

M.Vassilev believes that further discussion is required to establish feasibility of the flood evacuation and operational responsibilities in relation to it.

3.8 Contingency Plans

Assure considered the following contingencies:

- Condition: Severe weather causing cancellation of event day -
 - ✓ Response: TDF communicate cancellation decision to patrons via all available media resources – event web site, social media (Twitter, Facebook),
- Condition: Accidental breakdown of a Shuttle Bus -
 - ✓ Response: Shuttle bus service Supervisor to inform bus drivers via radio of the location of the breakdown and instruct regarding potential detour or passing the broken down bus. Officer to arrange for repairs or recovery,
- Condition: Heavier than expected traffic volumes during peak hours -

- ✓ Response: Assure Traffic Supervisor to consult with NSW Police Force representatives, and TDF, and amend TCPs as required.

3.9 Heavy Vehicle Impacts

Assure does not anticipate significant impact on heavy vehicles. The event site is not near a designated 4.6m. high and 19m. B-doubles (>50t.) route (check: <https://www.rms.nsw.gov.au/business-industry/heavy-vehicles/maps/restricted-access-vehicles-map/map/>).

3.10 Special Event Clearways (SEC)

SEC are not considered at present due to their financial impact and the magnitude of the event not warranting TMC involvement. Taxi, uber and private car set-down and pick-up area will be managed (subject to NBC approvals) via No Parking signs and T-top bollards and tape placed in advance to secure clear kerb space.

4: MINIMISING IMPACT ON THE NON-EVENT COMMUNITY & EMERGENCY SERVICES

4.1 Access for Local Residents, Businesses, Hospitals & Emergency vehicles

Access for local residents and businesses will not be restricted. No Hospitals will be affected by event traffic and transport operations. Emergency services will be notified of the event – TMP will be forwarded via e-mail when completed. Emergency services' access to the event site will be maintained by TDF at all times.

4.2 Advertising and Communications

TDF will advertise as directed by NBC. The event web site and online social media will be used to advertise event traffic conditions. Current online communications from 2019 as relevant (<https://www.thedropfestival.com/info/events/manly/>):

Please remember:

- *Don't Drive – use our buses instead,*
- *Reduce emissions & use public transport,*
- *Respect our neighbours & leave the festival quietly*
- *Take care of our local environment – and dispose of your rubbish carefully.*

4.3 Special Event Warning Signs

Assure recommends that TDF designs custom corflute advance warning signs to be placed at least 1 week prior to the event at the designated Artist and BOH parking area. Advance notice signs will also be considered in the context of the STA bus stop adjacent to the event site.

4.4 Permanent Variable Message Signs [PVMS]

The event magnitude does call for PVMS use.

4.5 Portable Variable Message Signs [VMS]

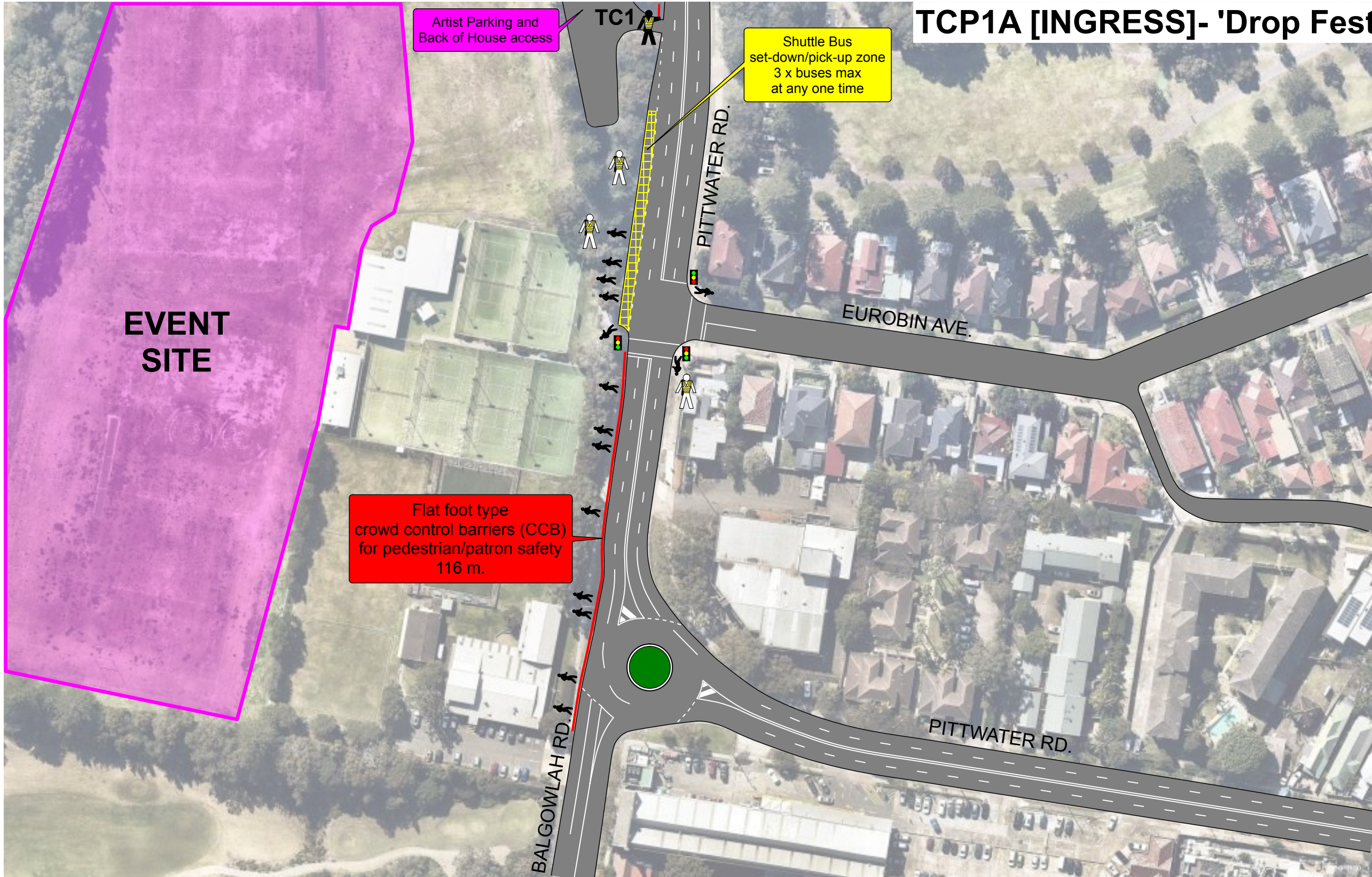
Assure does not propose the use of VMS at present.

APPENDIX A – Road Occupancy Licences (ROL):

Assure will include the ROL in due time (PDF binder file).

APPENDIX C – TCPs [PDF binder attachment – 8 sheets]:

TCP1A [INGRESS]- 'Drop Festival 2020'



Drawn by Momtchil Vassilev. © ACESGroup 2020 Commercial in Confidence. NTS.
For A3 colour print. Some details omitted for clarity. References: TCAWS Technical Manual (July, 2018) and AS1742 (series).

- 1. TCP duration: SAT, 14 MAR 2020, 12:30-21:30 hrs,
- 2. Traffic Controller (TC1) to manage vetting for authorised vehicles entering the Artist and BOH parking area,
- 3. Security/Crowd Controllers to assist with deterring patrons from jaywalking,
- 4. Flat foot type crowd control barriers to be deployed to delineate crowds from the road (see red line above).

EQUIPMENT/STAFFING

Traffic Controller
x 1

Crowd Controllers/
Security
x 2

116m. of
flat foot crowd
control barriers
[to be supplied
by TDF]

Transport
Roads & Maritime
Services

Prepare a Work Zone
Traffic Management Plan
Card No. 0051720255

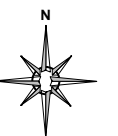
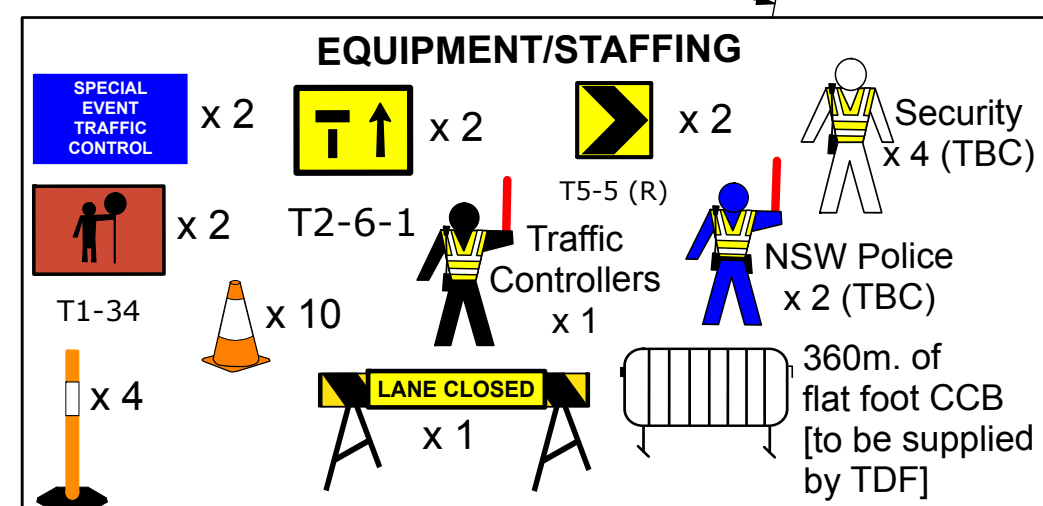
This qualification enables you to prepare Traffic Management Plans and
conduct inspections on Traffic Management Plans.

MOMTCHIL
VASSILEV

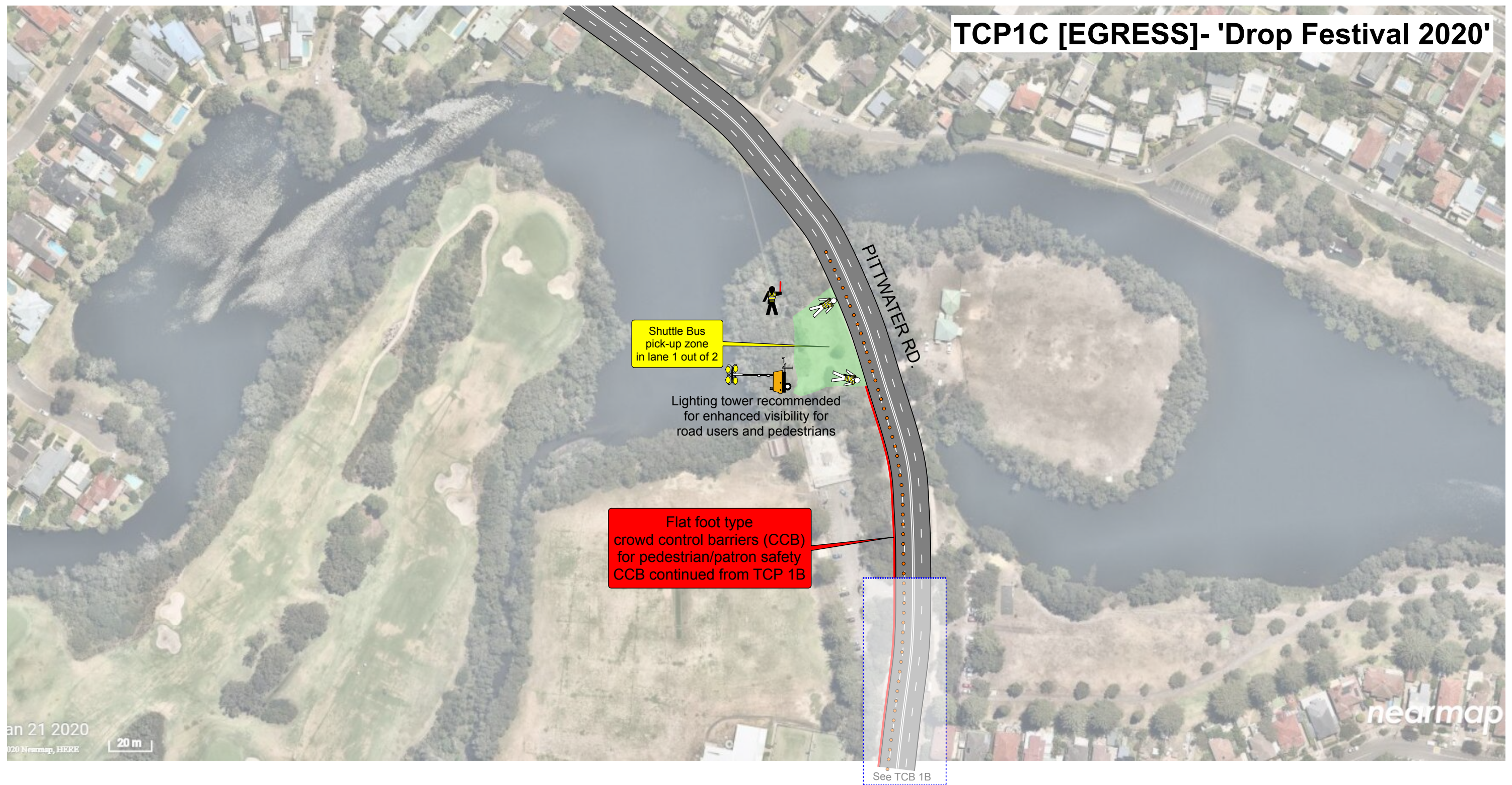
Expiry Date:
28/06/2021

This card is not a proof of identity.

1. TCP duration: SAT, 14 MAR 2020, 21:30-23:00 hrs (egress),
2. Lane 1/2 closed to regular traffic in NB direction and reserved for shuttle buses.
Lane closure to be supported by a barrier board and Lane Closed sign as drawn,
3. Merge taper length = 47m, with two T5-5 signs,
4. Traffic Controller (TC2) to wave general traffic away from the shuttle bus lane using a flashing wand,
5. Security/Crowd Controllers to pro-actively assist with deterring patrons from jaywalking,
6. Flat foot type crowd control barriers to be deployed to delineate crowds from the road (with openings in line with shuttle bus doors),
6. This TCP to be provided to all shuttle bus drivers for briefing and orientation.

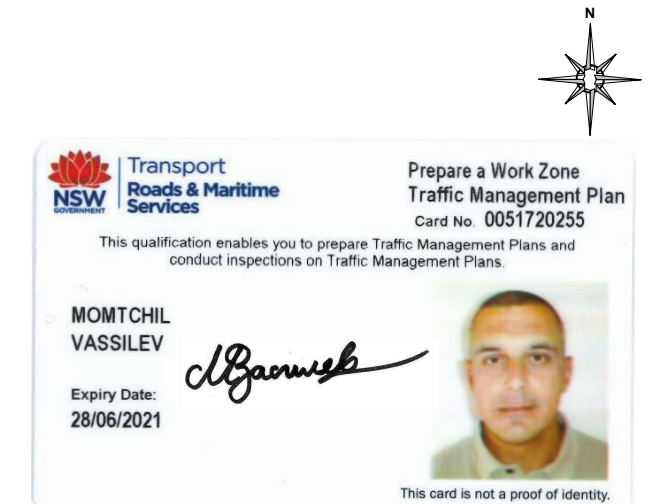
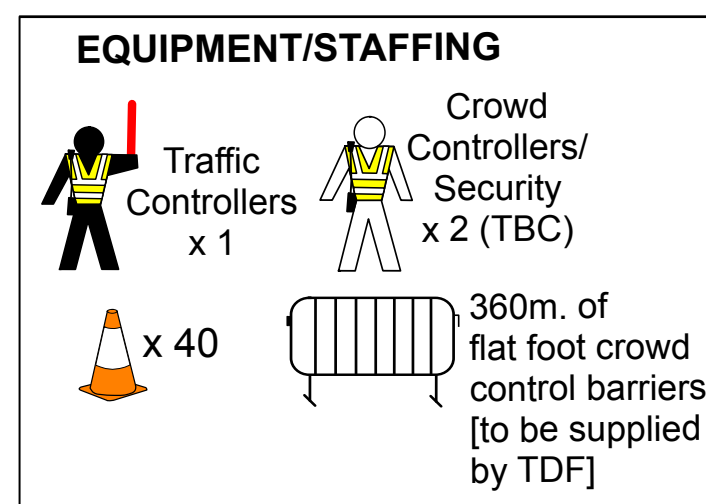


TCP1C [EGRESS]- 'Drop Festival 2020'



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For A3 colour print. Some details omitted for clarity. References: TCAWS Technical Manual (July, 2018) and AS1742 (series).

1. TCP duration: SAT, 14 MAR 2020, 21:30-23:00 hrs (egress),
2. Lane 1/2 closed to regular traffic in NB direction and reserved for shuttle buses.
3. Traffic Controller (TC2) to wave general traffic away from the shuttle bus lane using a flashing wand,
4. Security/Crowd Controllers to pro-actively assist with deterring patrons from jaywalking,
5. Flat foot type crowd control barriers to be deployed to delineate crowds from the road (with openings in line with shuttle bus doors),
6. This TCP to be provided to all shuttle bus drivers for briefing and orientation.



TCP2- 'Drop Festival 2020'



Drawn by Momtchil Vassilev. © ACESGroup 2020 Commercial in Confidence.
NTS. For A3 colour print. Some details omitted for clarity.

References: TCAWS Technical Manual (July, 2018) and AS1742 (series).

OPERATIONAL NOTES:

1. TCP duration: SAT, 14 MAR 2020, 12:30-23:00 hrs,
2. Traffic Controller (TC3) to manage set-down/pick-up area in Airport style with no more than 1 min kerb time allowed,
3. Advance warning signs to be displayed as indicated,
4. No parking signs to be erected at least 10hrs. before event day, and complemented with T-top bollards to ensure clear kerb space for the operation on the day.

EQUIPMENT/STAFFING

SPECIAL EVENT TRAFFIC CONTROL

x 1

PICK UP & SET DOWN AREA

x 2

R9-301

x 1

R5-40 (L)

x 1

R5-40

x 1

R5-40 (R)

x 1

x 10



Traffic Controller

x 1



Transport
Roads & Maritime
Services

Prepare a Work Zone
Traffic Management Plan

Card No. 0051720255

This qualification enables you to prepare Traffic Management Plans and
conduct inspections on Traffic Management Plans.

MOMTCHIL
VASSILEV

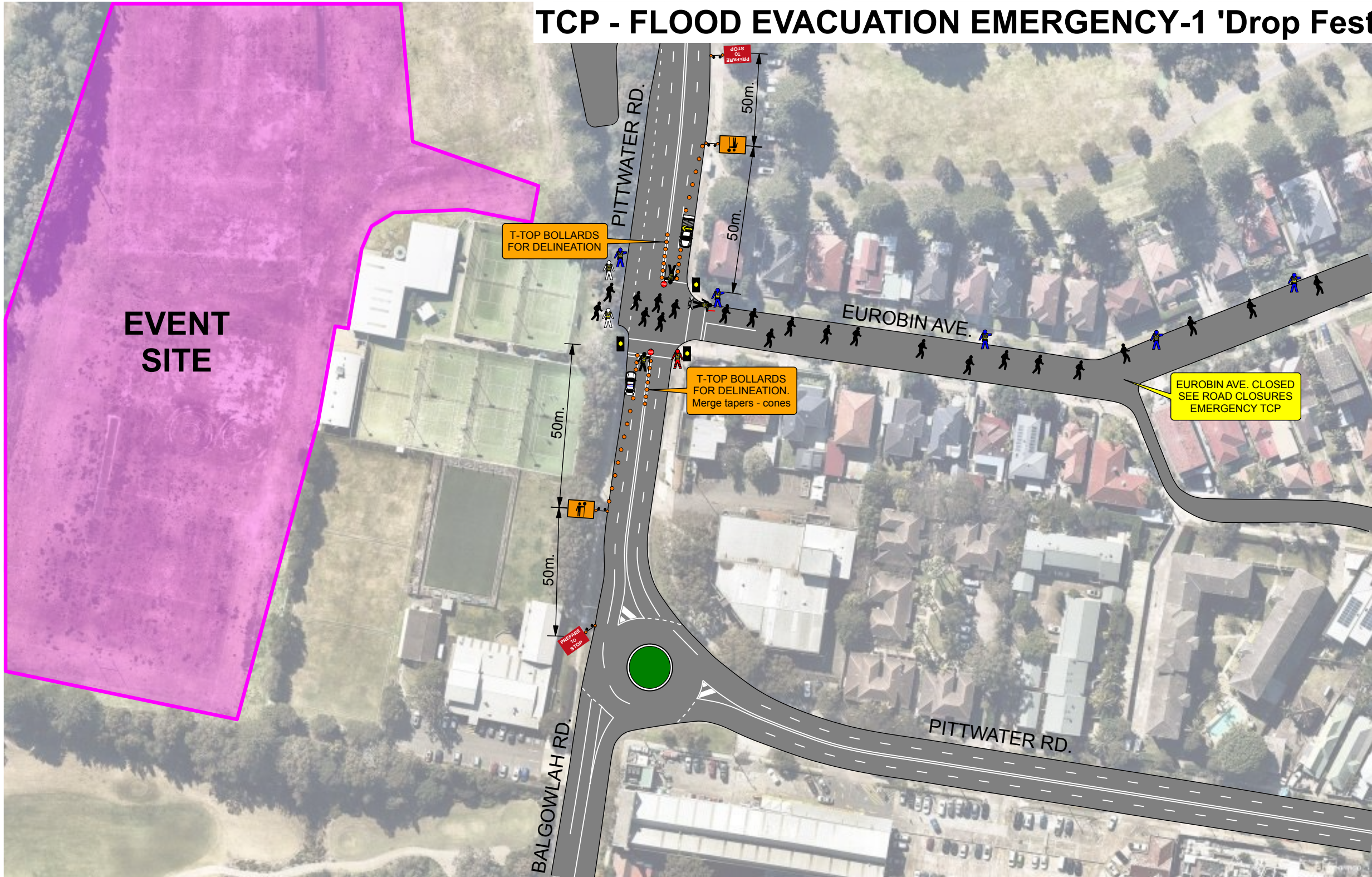
Expiry Date:
28/06/2021





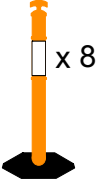
This card is not a proof of identity.

TCP - FLOOD EVACUATION EMERGENCY-1 'Drop Festival 2020'



- Drawn by Momtchil Vassilev. © ACESGroup 2020 Commercial in Confidence. NTS.
For A3 colour print. Some details omitted for clarity. References: TCAWS Technical Manual (July, 2018) and AS1742 (series).
1. Emergency TCP duration: ON CALL (projected lead-up time for implementation = 20min),
 2. Traffic Signals to be set to flashing yellow,
 3. Traffic Controllers on STOP/SLOW duty to maintain vehicle vs. pedestrian phases of equal split = 2 min each phase, unless instructed otherwise,
 4. Event security to halt pedestrians at footpaths when vehicle SLOW phase about to start,
 5. NSW Police to direct evacuees (event security to direct evacuees only in the immediate vicinity of the event licensed area; traffic controllers to control vehicular traffic),
 6. Traffic Supervisor to monitor STOP/SLOW phasing for any vehicle queuing and direct phase adjustments as/if required,
 7. Eurobin Ave. to be closed as per flood evacuation plan (see document: TCP_Flood-Emergency-Road-Closures-Summary-Area-1_TDF_Drop-Festival-2020).

EQUIPMENT/STAFFING

 Police Vehicle x 1	 Police [to direct evacuees] x 1	 T1-34 x 2	 Traffic Supervisor
 Traffic Control Vehicle x 1	 x 30	 T1-18 x 2	 Traffic Controllers STOP/SLOW x 2
	 x 8	 Traffic Controller Road Closure x 1	 Crowd Controllers/ Security

 Transport
Roads & Maritime
Services

Prepare a Work Zone
Traffic Management Plan
Card No. 0051720255

This qualification enables you to prepare Traffic Management Plans and conduct inspections on Traffic Management Plans.

MOMTCHIL VASSILEV

Expiry Date:
28/06/2021

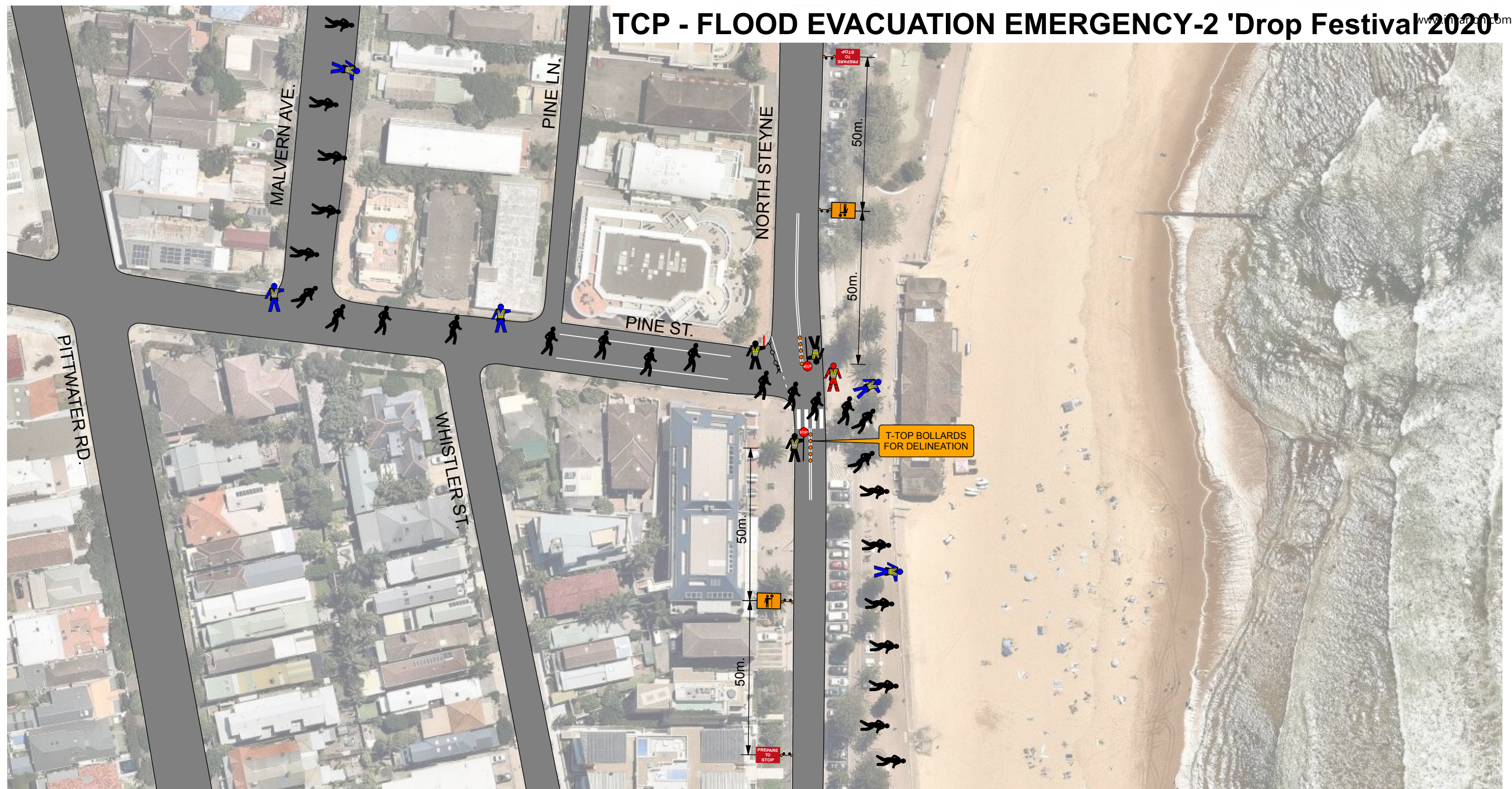




This card is not a proof of identity.



TCP - FLOOD EVACUATION EMERGENCY-2 'Drop Festival 2020'



Drawn by Momtchil Vassilev. © ACESGroup 2020 Commercial in Confidence. NTS.

For A3 colour print. Some details omitted for clarity. References: TCAWS Technical Manual (July, 2018) and AS1742 (series).

1. Emergency TCP duration: ON CALL (projected lead-up time for implementation = 20min),
2. Traffic Controllers on STOP/SLOW duty to maintain vehicle vs. pedestrian phases of equal split = 2 min each phase, unless instructed otherwise,
3. Traffic Controllers to be cautious when allowing vehicular traffic through in the context of the zebra type crossing i.e. do not direct road users in a manner that could encourage them to run over the zebra while pedestrians are actively using it as per existing conditions/road design,
4. NSW Police to direct evacuees (traffic controllers to only control vehicular traffic),
5. Traffic Supervisor to monitor STOP/SLOW phasing for any vehicle queuing and direct phase adjustments as/if required,
7. Malvern Ave. and Pine St. to be closed as per flood evacuation plan (see document: TCP_Flood-Emergency-Road-Closures-Summary-Area-1_TDF_Drop-Festival-2020).

EQUIPMENT/STAFFING



Police
[to direct
evacuees]



x 2
T1-34

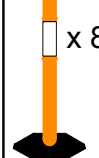


Traffic
Supervisor



x 2

T1-18



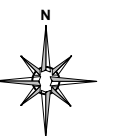
x 30



Traffic
Controller
Road Closure
x 1



Traffic
Controllers
STOP/SLOW
x 2



Prepare a Work Zone
Traffic Management Plan
Card No. 0051720255

This qualification enables you to prepare Traffic Management Plans and conduct inspections on Traffic Management Plans.

MOMTCHIL
VASSILEV

Expiry Date:
28/06/2021

M. Vassilev



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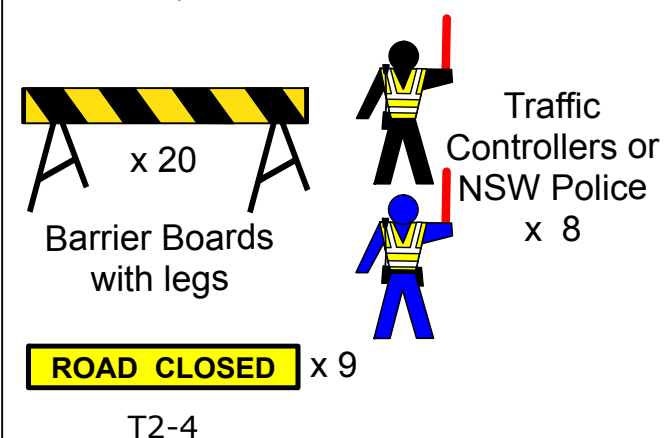
TCP - FLOOD EVACUATION EMERGENCY-ROAD CLOSURES SUMMARY AREA 1 'Drop Festival 2020'



Drawn by Momtchil Vassilev. © ACESGroup 2020 Commercial in Confidence. NTS. For A3 colour print. Some details omitted for clarity. References: TCAWS Technical Manual (July, 2018) and AS1742 (series).

1. Emergency TCP duration: ON CALL (projected lead-up time for implementation = 1hr),
2. No turning lanes affected,
3. Road closures to be implemented using barriers boards with T2-4 'ROAD CLOSED' stickers. Advance warning signs may be omitted if the nature of the emergency does not allow adequate time for implementation,
4. Traffic Controllers, or NSW Police, on point to wave road users along detours,
5. Security to monitor evacuee movements for any vehicles exiting private premises that are within the emergency road closure envelope,
6. NSW Police to assist with road closures where required (if road users are aggressive towards traffic controllers or persist to pass the road closure), or if evacuation timing challenges road closure implementation.

EQUIPMENT/STAFFING



NSW Transport Roads & Maritime Services

Prepare a Work Zone Traffic Management Plan
Card No. 0051720255

This qualification enables you to prepare Traffic Management Plans and conduct inspections on Traffic Management Plans.

MOMTCHIL VASSILEV

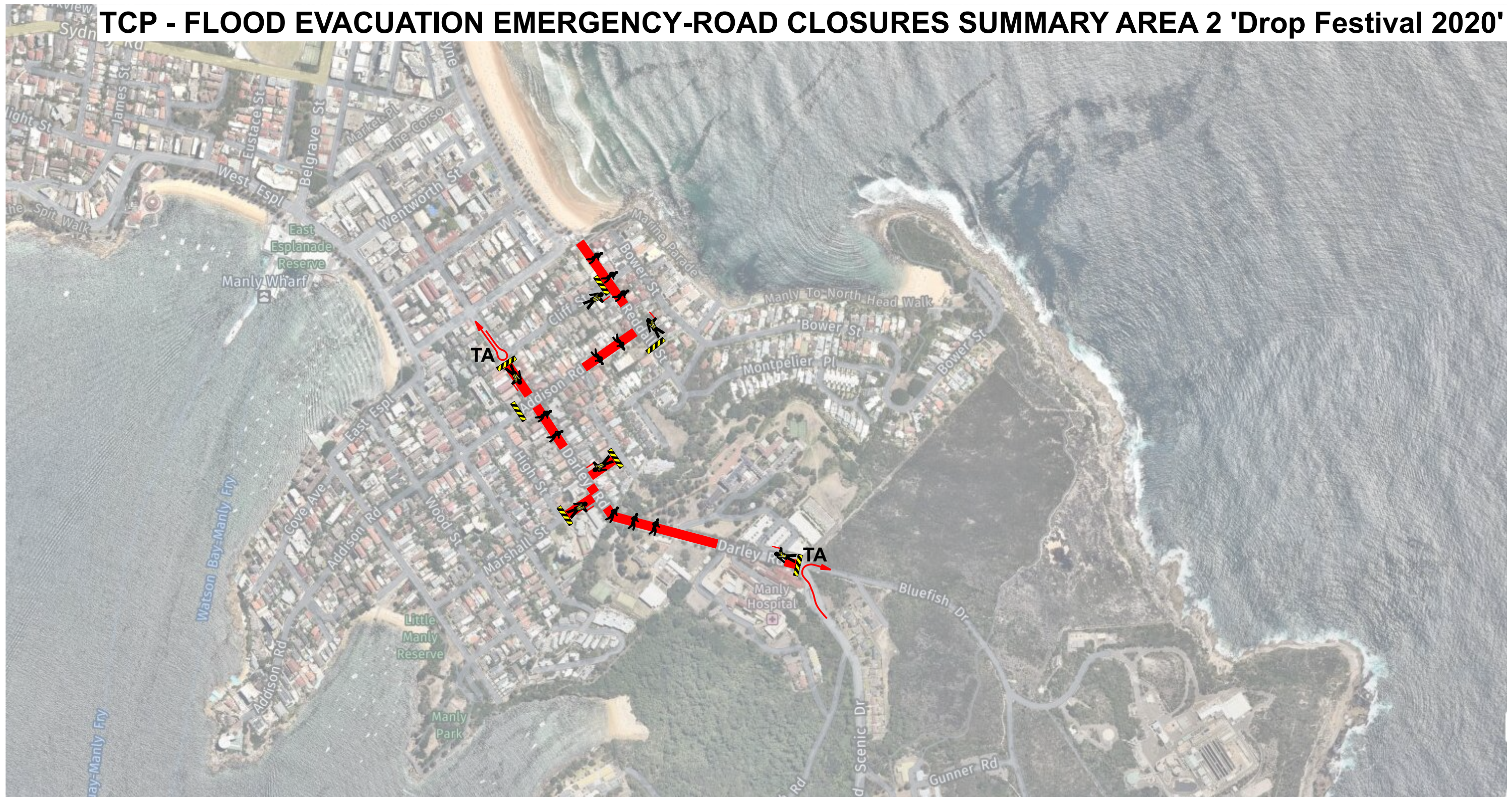
Expiry Date: 28/06/2021

[Signature]

[Photo]

This card is not a proof of identity.

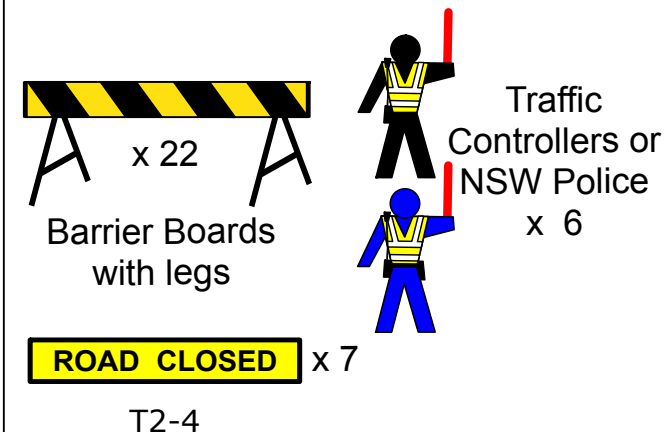
TCP - FLOOD EVACUATION EMERGENCY-ROAD CLOSURES SUMMARY AREA 2 'Drop Festival 2020'



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1. Emergency TCP duration: ON CALL (projected lead-up time for implementation = 1hr),
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EQUIPMENT/STAFFING



NSW Government Transport Roads & Maritime Services

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MOMTCHIL VASSILEV

Expiry Date: 28/06/2021

Signature

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