

VICROADS

MEMORANDUM OF AUTHORISATION
TO ERECT, DISPLAY, PLACE, REMOVE OR ALTER TRAFFIC CONTROL DEVICES

DATE RECEIVED 6.7.11

FORM 1

O.D. NUMBER 869998

ACTION OFFICER

RTTI NUMBER 83484

APPLICATION
Pursuant to Regulations under Part 2 – Installation of Traffic Control Devices – of the Road Safety (Traffic Management) Regulations 2009, I/we hereby apply for authorisation to erect, display, place, remove or alter (as the case may be) the Traffic Control Device(s) as specified herein.

I/We also agree and acknowledge that:

- The Traffic Control Devices will be removed before the "Expiry (Removal) Date" unless a further authorisation has been granted;
- Accurate records of actual usage will be kept in a recoverable document (eg. diary);
- The attached plans are a true and accurate reflection of the base information and proposed treatment(s); and
- The treatment(s) as shown on the plan(s) are in accordance with the Worksite Safety Traffic Management - Code of Practice.

| | | | |
|---|----------------------------|-------------------------------------|---------------|
| 1. APPLICATION DATE: | 6/07/2011 | VICROADS / COUNCIL CONTACT DETAILS: | |
| APPLICANT DETAILS | | 8. VICROADS / COUNCIL CONTACT: | N/A |
| 2. NAME: | Frank Farrell | 9. VICROADS CONTRACT / PROJECT NO: | N/A |
| 3. COMPANY: | Diona Pty Ltd | CONTRACTOR DETAILS | |
| 4. PH NUMBER: | (02) 9679 2111 | 10. CONTRACTOR: | Diona Pty Ltd |
| 5. FAX NUMBER: | (02) 9679 2144 | 11. ON SITE CONTACT: | Frank Farrell |
| 6. EMAIL: | Frank.Farrell@diona.com.au | 12. ON SITE CONTACT MOB: | 0409 857 855 |
| 7. SIGNATURE: | | TRAFFIC MANAGEMENT COMPANY DETAILS | |
| Please do not alter the format of the MoA Application form. | | 13. TRAFFIC MANAGEMENT COMPANY: | Diona Pty Ltd |
| Please note that ALL fields must be completed in order to process your MoA application. | | 14. ON SITE CONTACT: | Frank Farrell |
| | | 15. ON SITE CONTACT MOB: | 0409 857 855 |

16. Have the following been applied for and approved? (Please tick the appropriate boxes).

| | YES | N/A | EXEMPT | Permit / App Number |
|--|-------------------------------------|-------------------------------------|--------------------------|---------------------|
| PLANNING PERMIT (Council) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| ROAD OPENING PERMIT (Council) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| ROAD RESERVE USE PERMIT - Consent for Works (VicRoads) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | AC3985A |
| NOTIFICATION OF PROPOSED WORKS (VicRoads) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

DESCRIPTION OF WORK / EVENT

17. TYPE OF WORK / EVENT: Trenching and Laying of 300mm Dia Gas Main

18. SCOPE OF WORK: Diona Pty Ltd have been selected to construct a new transmission pipeline from the existing Multinet Lilydale Regulator Station on the north side of the Maroondah Highway at its intersection with Victoria Road (Melways ref. 38 A6). It will then run in a northerly direction along Victoria Road for approximately 10 km between Lilydale and Yarra Glen. It will cross the Yarra River at Spadoni's Reserve and continue along Glenview Road to connect to the APA Group Yarra Glen City Gate. The trench width will be 600mm and cover to 300mm Dia pipe will be min. 1200mm.

18a. LANE CLOSURE DETAILS: Bicycle Lane/Single Carriageway Lane LHS & RHS

18b. SPEED REDUCTION: Varies > 40KM/Hr

18c. DIRECTION: North Bound along Victoria Road (Yarra Ranges Council)

18d. TIME DELAY: 2mins

19. IS THIS APPLICATION A REPEAT OF ONE PREVIOUSLY AUTHORISED?: No

IF YES, THE VICROADS REF NUMBER IS/WAS: N/A

20. MAJOR CONTROL DEVICE(S): Traffic Mgt Plan

21. MINOR CONTROL DEVICE(S): Traffic Mgt Plan

22. MAJOR CONTROL DEVICE(S) FOR AFTERCARE: N/A

23. MINOR CONTROL DEVICE(S) FOR AFTERCARE: N/A

LOCATION DETAILS

24. AREA / TOWN / SUBURB: Lilydale

25. DECLARED ROAD NAME: Victoria Road

26. LOCAL ROAD NAME: Victoria Road

27. MUNICIPALITY: Yarra Ranges Council

28. VCSD REF. Edition: N/A

29. MELWAY Ref. Edition: 38 A6

30. NEAREST INTERSECTING ROAD OR CHAINAGE: Pipeline starts at Jct of Maroondah Hwy an Victoria Road

31. OTHER LOCATION DETAILS: Pipeline finishes at Yarra Glen

EXPECTED DISPLAY DATES / TIMES

32. DAYS: Monday Tuesday Wednesday Thursday Friday Saturday Sunday

33. ERECTION DATE: (i.e. dd/mm/yyyy) 21/07/2011

34. EXPIRY (REMOVAL) DATE: (i.e. dd/mm/yyyy) 15/01/2012

35. DAILY DISPLAY TIMES: (i.e. 9:30am to 3:30pm) 7:00am-6:00pm

36. DISPLAY TIMES (AFTER CARE): (i.e. 3:30pm to 9:30am) N/A

37. PERMANENT DEVICES TO BE CHANGED OR COVERED: Any conflicting speed signage to be covered during works

AUTHORISATION (VicRoads Internal Use Only)

As a VicRoads officer with the delegated power, I hereby grant authority to the use of Traffic Control Devices as specified above. Date: 12/7/11

Signature: **DEV VAGEL**
Team Leader
Traffic Management
Title: VicRoads

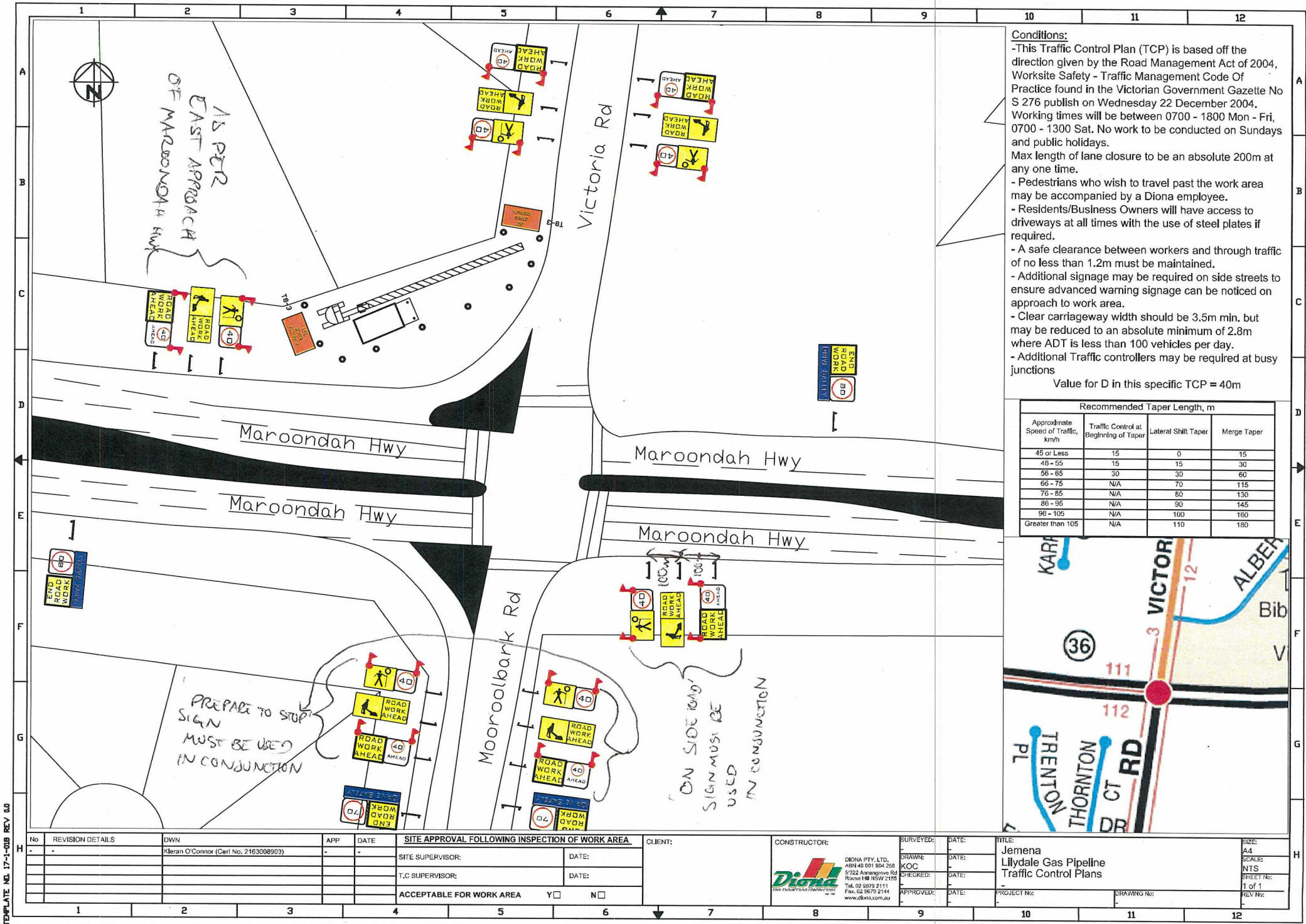
Authorised copies to:

- Contractor / Applicant
- Police Traffic Management Unit
- VicRoads file
- Project file

Date:

APPROVED SUBJECT TO COUNCIL REQUIREMENTS

PLEASE NOTE CHANGES TO TMP (SIGN ADDITIONS)
(MAROONDAH HWY & MOOROOD-BARK RD)

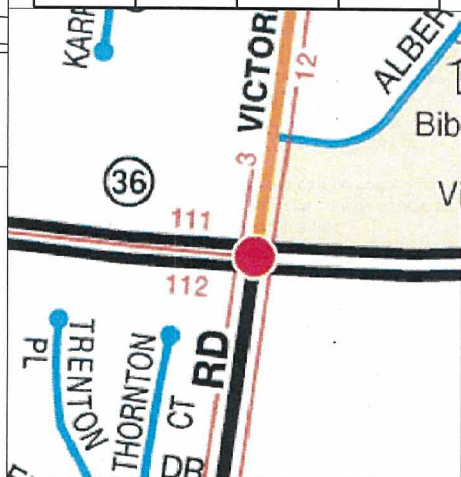


Conditions:

- This Traffic Control Plan (TCP) is based off the direction given by the Road Management Act of 2004, Worksite Safety - Traffic Management Code Of Practice found in the Victorian Government Gazette No S 276 publish on Wednesday 22 December 2004. Working times will be between 0700 - 1800 Mon - Fri, 0700 - 1300 Sat. No work to be conducted on Sundays and public holidays.
- Max length of lane closure to be an absolute 200m at any one time.
- Pedestrians who wish to travel past the work area may be accompanied by a Diona employee.
- Residents/Business Owners will have access to driveways at all times with the use of steel plates if required.
- A safe clearance between workers and through traffic of no less than 1.2m must be maintained.
- Additional signage may be required on side streets to ensure advanced warning signage can be noticed on approach to work area.
- Clear carriageway width should be 3.5m min. but may be reduced to an absolute minimum of 2.8m where ADT is less than 100 vehicles per day.
- Additional Traffic controllers may be required at busy junctions

Value for D in this specific TCP = 40m

| Approximate Speed of Traffic, km/h | Recommended Taper Length, m | | |
|------------------------------------|---------------------------------------|---------------------|-------------|
| | Traffic Control at Beginning of Taper | Lateral Shift Taper | Merge Taper |
| 45 or Less | 15 | 0 | 15 |
| 46 - 55 | 15 | 15 | 30 |
| 56 - 65 | 30 | 30 | 60 |
| 66 - 75 | N/A | 70 | 115 |
| 76 - 85 | N/A | 80 | 130 |
| 86 - 95 | N/A | 90 | 145 |
| 96 - 105 | N/A | 100 | 160 |
| Greater than 105 | N/A | 110 | 180 |



| | | | | | | | | | | | | |
|----|------------------|---------------------------------------|-----|------|---|---|---------|--|-----------|-------|--|-----------|
| No | REVISION DETAILS | DWN | APP | DATE | SITE APPROVAL FOLLOWING INSPECTION OF WORK AREA | | CLIENT: | CONSTRUCTOR: | SURVEYED: | DATE: | TITLE: | SIZE: |
| - | | Kieran O'Connor (Carl No. 2163008903) | - | - | SITE SUPERVISOR: | DATE: | | DIONA PTY. LTD. ABN 48 001 924 259 5/322 Annangrove Rd Ruscoe Hill NSW 2155 Tel. 02 9679 2111 Fax. 02 9679 2144 www.diona.com.au | DRAWN: | DATE: | Jemena Lilydale Gas Pipeline Traffic Control Plans | A4 |
| | | | | | T.O SUPERVISOR: | DATE: | | KOC | CHECKED: | DATE: | | SCALE: |
| | | | | | ACCEPTABLE FOR WORK AREA | Y <input type="checkbox"/> N <input type="checkbox"/> | | | APPROVED: | DATE: | PROJECT No: | NTS |
| | | | | | | | | | | | DRAWING No: | SHEET No: |
| | | | | | | | | | | | | 1 of 1 |
| | | | | | | | | | | | | REV No: |

RISK ASSESSMENT for TRAFFIC MANAGEMENT PLANS QD482851

MOA QD # 869998

| FACTOR | SCORE | |
|---|-------|----|
| Possible Delay (use SCATS for assessment) | | |
| Almost Certain | 10 | |
| Likely | 5 | |
| Unlikely | 1 | 1 |
| Speed Reduction | | |
| 20kph Reduction | 2 | |
| 40kph Reduction | 4 | 4 |
| 60kph Reduction | 8 | |
| Site Safety Factors | | |
| Tram/Bus Route | 5 | 3 |
| Major Freight Route | 3 | 3 |
| Bicycle Route | 3 | |
| Near Schools/Shopping Centres - from 8am to 10pm Only | 4 | |
| Road Geometry - hilly, winding (i.e. poor sight distance) | 2 | |
| Night Works | 5 | |
| Changed Road Conditions - Chicane, moving traffic to other side of median | 5 | |
| Within 10km radius of Melb - Clearways | 5 | |
| Within 1km radius of Dandenong | 5 | |
| Within 1km radius of Boxhill | 5 | |
| Within 1km radius of Ringwood | 5 | |
| Within 1km radius of Frankston | 5 | |
| TOTAL SCORE | | 11 |

Memorandum of Authorisation

This Memorandum of Authorisation only applies to the temporary use of Traffic Control Items (both major and minor), as defined in the Road Regulations (Traffic Management) 2009 – it is not a permit that authorises works within the road reserve (Consent for Works). If works are undertaken by any person (including traffic management companies) without having obtained the consent of the coordinating road authority (or otherwise being exempt from the requirements to obtain consent), then the person will be guilty of an offence and liable to a fine.

- 1) The traffic management may only be undertaken on the dates and times set out in the consent. No restriction to traffic flow is permitted outside of this period. Normal traffic flow will be restored after each work session.
- 2) VicRoads Traffic Management Centre (TMC) is to be advised on 13 11 70 immediately before the traffic management is installed and then again immediately after it is completely removed quoting the above reference number.
- 3) Approval for the works shall be obtained from the relevant Council(s).
- 4) All emergency services are to be notified of the works and altered traffic conditions in advance.
- 5) Written approval is required from any public transport authorities that may be affected prior to the commencement of the traffic management.
- 6) Written notification must be sent to all property occupiers affected by the works at least 48 hours prior to commencement of the works. Continuing access shall be provided for all properties, unless alternative arrangements acceptable to the occupiers are made.
- 7) Any lawful direction/s of members of the Victoria Police, authorised local Municipal Council/s and VicRoads Officers must be complied with at all times.
- 8) Traffic management are to be prepared in accordance with “Code of Practice – Worksite Safety Traffic Management” and AS 1742.3 -2002 Part 3 Traffic control devices for works on roads. The set out of the traffic management on site may be adjusted to take into account site conditions but should meet the minimum requirements of the standards and codes.
- 9) The traffic management is conducted in a manner that minimises inconvenience to other road users. If traffic congestion becomes excessive at anytime, the contractor must undertake measures to ease congestion.
- 10) The Contractor shall ensure that there is no conflict between the existing speed limit signs and the work site speed limit signs during the work period. All existing signs within the work area must be covered during work times.
- 11) Any support vehicle or equipment engaged in the works must not occupy, restrict or otherwise affect the remaining traffic lanes.
- 12) No sign or other structure is to be attached to any road furniture, structure, pole, tree, etc. and no structure prop, sign or other item is to be erected unless written approval is obtained from the relevant authority.
- 13) To the satisfaction of, and at no cost to VicRoads, the contractor shall be responsible for reinstating any VicRoads’ assets that may be removed, modified or damaged.
- 14) There must be Public Liability insurance cover for the type of work proposed with an indemnity of not less than Ten Million Dollars (\$10,000,000), including full indemnity for VicRoads against any claim laid against it either by members of the public or persons engaged in any activities associated with the traffic diversion who, as a result of the diversion, suffer personal injury, property damage or financial loss.
- 15) VicRoads does not accept any responsibility for accidents, damage or injury to property, participants or third parties that may arise out of this event.
- 16) VicRoads reserves the right to amend or revoke the MoA at any time.
- 17) A copy of this letter (with the relevant MoA and TMP’s) must be easily available onsite for the viewing of any government authority.

Yours sincerely

DEV VAGEL
TEAM LEADER TRAFFIC MANAGEMENT
VICROADS METRO SOUTH EAST REGION
Phone: 9881 8709
Email: mse_mail@roads.vic.gov.au