



Sikh Temple Operations

Traffic Management Plan

5 June 2015

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Contents

1. Introduction	4
2. Site	4
3. Traffic Management.....	5
3.1 Traffic Control	5
3.2 Pedestrian & Cyclists	6
3.3 Parking	6
3.4 Heavy Vehicles	6
Appendices	8

List of Figures

Figure 1 - 895 Kidman Way, Lot 1 DP 1096030	4
Figure 2 - Griffith's Road Train and B-Double Network	7

1. Introduction

The Traffic Management Plan relates to the ongoing operation of the sikh temple at Farm 895 Kidman Way (Lot 1 DP 1096030) until the completion of the roadworks required as part of Development Application 147/2009.

2. Site

The proposed development is located at Farm 895 Kidman Way (Lot 1 DP 1096030) Griffith.

The subject allotment is located on the corner of Kidman Way and Rae Road.



Figure 1 - 895 Kidman Way, Lot 1 DP 1096030

Kidman Way is a two (2) lane, two (2) way bitumen sealed road, with kerb and gutter located along eastern side of the road stretching the frontage of Griffith Homemakers Centre. Kidman Way is classified as an “Arterial road” as specified on *Council’s Road Hierarchy Plan*. Kidman Way has a speed limit of 60km/h between Willandra Avenue and Stafford Road and a speed limit of 80km/h between Stafford Road and Hanwood.

Council conducted traffic counts along Kidman Way in two locations between July and August 2013. The results of the traffic counts are detailed below:

- The first location was between the Willandra Avenue and Stafford Road. The average daily traffic count for that period was 6,641 vehicles per day. The average traffic count on a Saturday between 12:00pm and 3:00pm during this period was 1,628 vehicles.
- The second location was between Yambil Street and Canal Street. The average daily traffic count for that period was 5,522 vehicles per day. The average traffic count on a Saturday between 12:00pm and 3:00pm during this period was 1,298 vehicles.

Rae Road is a two (2) lane, two (2) way gravel road. Rae Road is classified as an “Access road” as specified on *Council’s Road Hierarchy Plan*. Rae Road has a speed limit of 100km/h.

Rae Road is to be upgraded to a two (2) lane, two (way) bitumen sealed road between Kidman Way and the access to the sikh temple as part of Development Application 147/2009. The completion of the construction works will not be completed before Saturday 18 July 2015, the date of the procession.

3. Traffic Management

The development is for the construction of a new sikh temple. The temple will significantly increase the passenger vehicle traffic generated by the site. Generally the temple generates a minimal amount of traffic during the week, with weekly services held on Saturday afternoons and a Sunday service held monthly. The services attract between 200 and 300 people.

The roadworks associated with the construction of the sikh temple, as required by DA 147/2009, have not progressed past the preliminary stages. Therefore the surrounding road network cannot properly service the traffic generated by the development. The impact upon the surrounding road network will be minimised by the implementation of the traffic management plan until the works are complete.

Traffic controls and warning signage shall be erected in accordance with the RMS’ Guide to Traffic Control at Worksites and AS 1742.3 (2009) - *Manual of uniform traffic control devices - Traffic control for works on roads* to manage the special event traffic and the general public. The traffic control measures proposed are detailed below in addition to the associated traffic control plans attached in the appendices.

3.1 Traffic Control

The traffic control arrangements surrounding the site are already in place, as per the attached traffic control plan prepared by Snowy Works. These measures will remain until the roadworks associated with the development are complete. The below traffic control shall be implemented to complement Snowy Works’ existing measures.

Rae Road shall be closed between Kidman Way and the access to the sikh temple. All access to the temple will be via Walla Avenue and Rae Road.

Rae Road is approximately five and a half (5.5) metres wide between Kidman Way and Watkins Avenue. To minimise the risk along the road, the speed limit of Rae Road will be reduced to 60km/h.

A water supply culvert exists along Rae Road approximately thirty (30) metres from the intersection with Watkins Avenue. The culvert will be restricted to one lane, signage reflecting this will be installed in accordance with AS 1742.3 (2009) - *Manual of uniform traffic control devices - Traffic control for works on roads*.

A No Stopping zone will be installed along both sides of the Kidman Way, extending from Thorne Road to 120 metres north of Rae Road. The restriction has been imposed to discourage patrons of the temple from parking on Kidman Way to access the development.

Traffic control plans, attached, have been prepared by Griffith City Council's Engineering Department, detailing the traffic control measures to be installed for the event. The plan conforms to the requirements of AS 1742.3 and the RMS' Guide to Traffic Control at Worksites.

The traffic control measures will be implemented and taken down by accredited individuals who have completed the two day Traffic Control for Worksites course. Provisions to ensure that the signs are not altered or removed during the day will be established.

3.2 Pedestrian & Cyclists

Pedestrian and cyclist access will be minimally affected by the traffic control arrangements.

3.3 Parking

The sikh temple carpark has approximately 60 parking spaces. The existing parking facilities will be able to cater for the traffic generated by the ongoing use of the development.

3.4 Heavy Vehicles

Kidman Way forms part of Griffith's B-Double and Road Train networks and provides access to the Griffith Intermodal Freight Terminal via Jondaryan Avenue and Tranter Place for b-double vehicles and is the only access into Griffith for road train vehicles. Heavy vehicle access will not be affected by the traffic management plan.

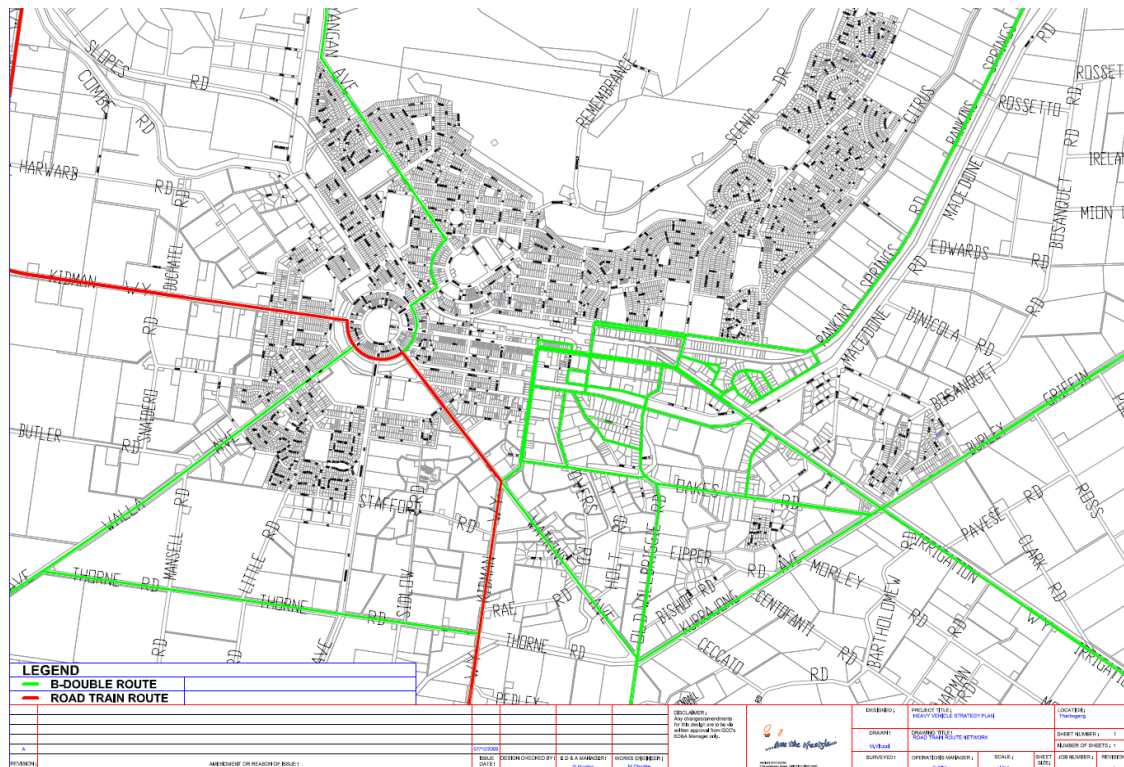
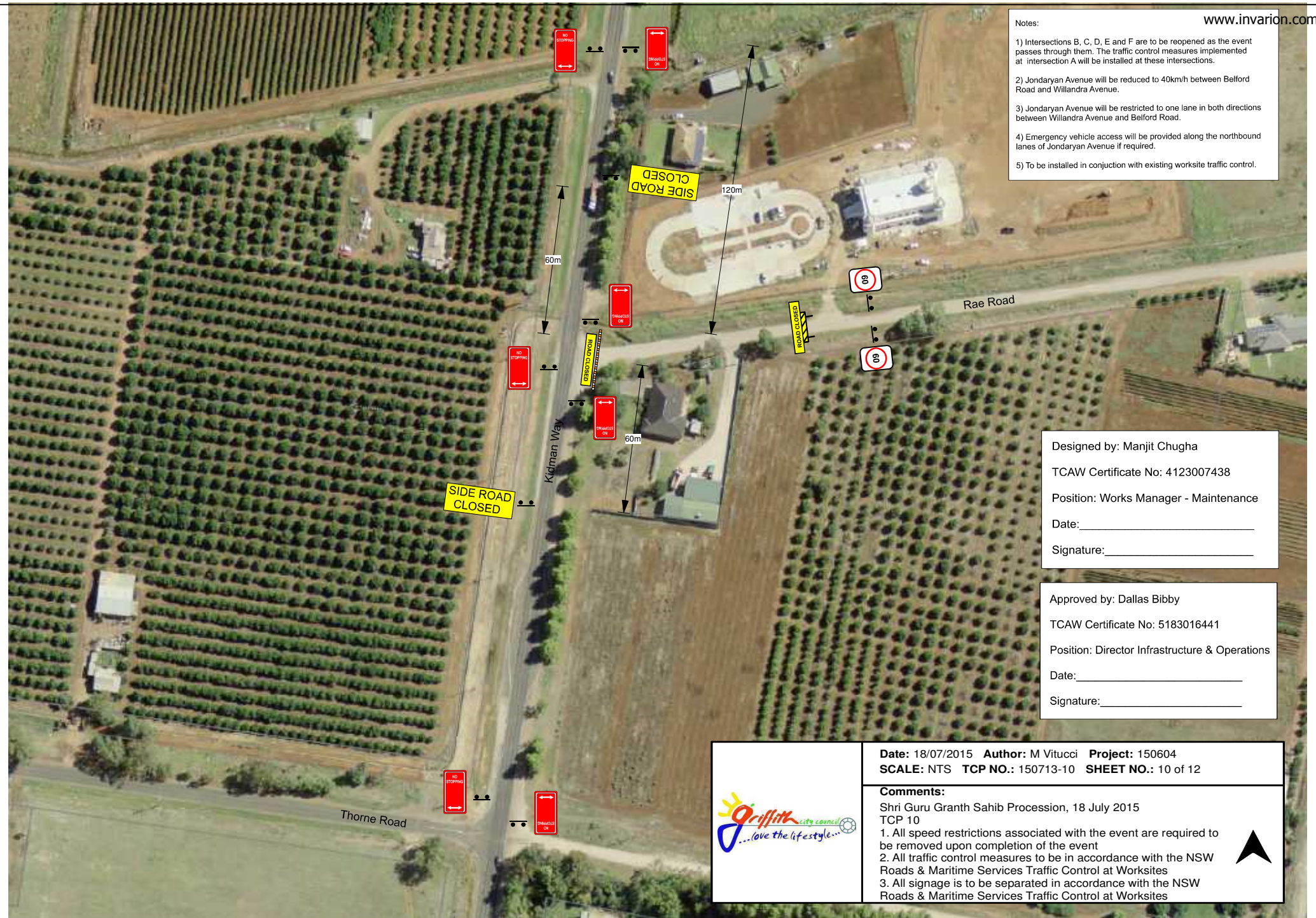


Figure 2 - Griffith's Road Train and B-Double Network

Appendices

Notes:

- 1) Intersections B, C, D, E and F are to be reopened as the event passes through them. The traffic control measures implemented at intersection A will be installed at these intersections.
- 2) Jondaryn Avenue will be reduced to 40km/h between Belford Road and Willandra Avenue.
- 3) Jondaryn Avenue will be restricted to one lane in both directions between Willandra Avenue and Belford Road.
- 4) Emergency vehicle access will be provided along the northbound lanes of Jondaryn Avenue if required.
- 5) To be installed in conjunction with existing worksite traffic control.



Designed by: Manjit Chugha

TCAW Certificate No: 4123007438

Position: Works Manager - Maintenance

Date: _____

Signature: _____

Approved by: Dallas Bibby

TCAW Certificate No: 5183016441

Position: Director Infrastructure & Operations

Date: _____

Signature: _____

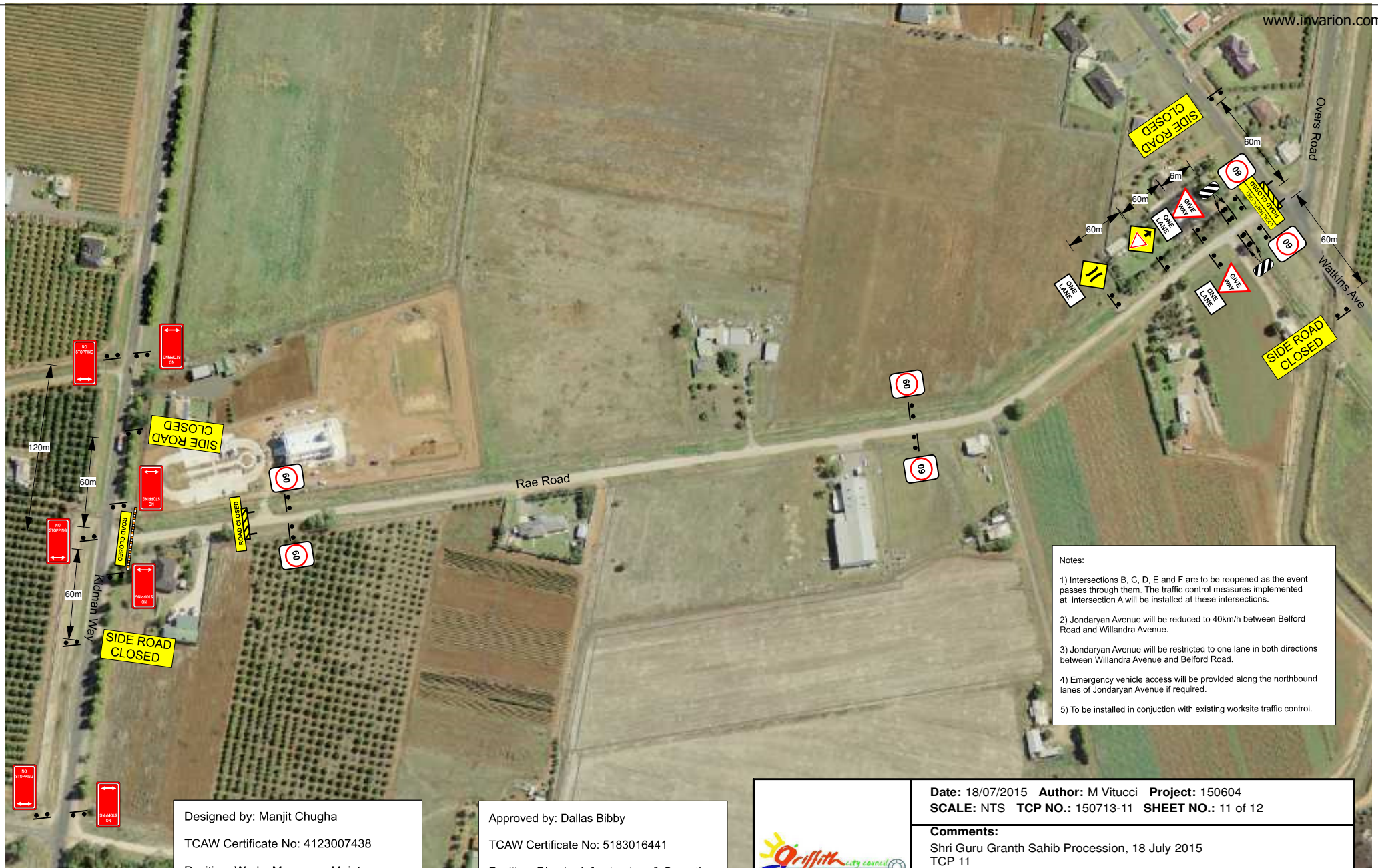
Date: 18/07/2015 **Author:** M Vitucci **Project:** 150604
SCALE: NTS **TCP NO.:** 150713-10 **SHEET NO.:** 10 of 12

Comments:

Shri Guru Granth Sahib Procession, 18 July 2015
 TCP 10

1. All speed restrictions associated with the event are required to be removed upon completion of the event
2. All traffic control measures to be in accordance with the NSW Roads & Maritime Services Traffic Control at Worksites
3. All signage is to be separated in accordance with the NSW Roads & Maritime Services Traffic Control at Worksites





Notes:

- 1) Intersections B, C, D, E and F are to be reopened as the event passes through them. The traffic control measures implemented at intersection A will be installed at these intersections.
- 2) Jondaryan Avenue will be reduced to 40km/h between Belford Road and Willandra Avenue.
- 3) Jondaryan Avenue will be restricted to one lane in both directions between Willandra Avenue and Belford Road.
- 4) Emergency vehicle access will be provided along the northbound lanes of Jondaryan Avenue if required.
- 5) To be installed in conjunction with existing worksite traffic control.

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Date: 18/07/2015 Author: M Vitucci Project: 150604

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