

Cabbage Tree Road Sand Quarry

Welcome to **Edition 6** of the Cabbage Tree Road Sand Quarry Newsletter. The purpose of this newsletter is to provide the community with updates on how the project is progressing. As you may have noticed, internal construction works have been progressing and we appreciate your patience and understanding during this period.

Williamstown Sand Syndicate (WSS) have now finalised design approval with the Roads and Maritime Service (RMS) for the intersection on Cabbage Tree Road.

Internal construction works are nearing completion with the majority of the bulk earthworks and road building activities anticipated to be completed by the end of November 2019. Facility establishment including the weighbridge, office installation, storage shed, and services will continue at a lesser scale from the 2nd December 2019 until the opening of the quarry.

INTERSECTION CONSTRUCTION & PROPERTY ACCESS

Intersection construction works are anticipated to commence from Monday 2nd December 2019. WSS has appointed Robson Civil as the contractor to construct the intersection. Robson has extensive experience in constructing similar projects throughout the Hunter and Central Coast regions.

The construction of the intersection will occur as per the RMS approved management plans, traffic control and design specifications with periodic RMS Surveillance Office inspections.

The approved traffic control plan will be enforced for the duration of the project (RMS - Road Occupancy Licence), a copy of the traffic control plan is attached to this newsletter for your information, the main controls of this plan are;

- Reduced speed from 90kph to 60kph in both directions for the extent of the work-zone for the duration of the project;
- Lane separation using concrete barriers.
- Concrete barriers located on the east-bound existing shoulder for the extent of the work-zone; and

- Interim (as required) stop go traffic control for both east and west-bound travel lanes.
- Closure of the east-bound road shoulder in the area of the intersection.
- Construction warning signage
- As intersection construction nears completion, short term (approx. 1 day) temporary east-bound lane closure will be required to cut-in the intersection. This would be managed by traffic controllers, using a contra-flow on the west bound lane.

Despite these controls, during the works, it will be important for residents and visitors of properties opposite the works to preferably access theses from the west bound lane as there will be no shoulder available for vehicles to overtake turning traffic (Note traffic will be slowed to 60kph).

It is anticipated the intersection construction will be completed by late February 2020.

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP)

Under the Project's Conditions of Development Consent, WSS must consult with landowners adjacent to the proposed intersection to minimise the effects of its construction on residents. The previous newsletter in August 2019 informed of a copy of the CEMP is available to any interested resident for review (see contacts below), and to provide input into controls. Feedback has been received from stakeholders including DPIE and captured in the CEMP where applicable. WSS encourage ongoing feedback to ensure construction activities are completed with minimal disruption to the surrounding community.

KEY CONSTRUCTION CONTROLS

Vibration

Given the setback of properties from Cabbage Tree Road, vibration impacts causing structural damage is considered unlikely. Regardless, landowners within 300 m of the intersection (and quarrying area) are entitled to make a written request for WSS to

engage an independent qualified person to undertake a baseline condition assessment of the structures on their property. In the event of damage, suspected by the landowner to be caused by quarry construction activities, the landowner may request further assessment of any damage and if caused by the quarry agree for WSS to repair that damage. The properties within 300 m of the intersection and quarry include numbers; 464, 458, 457, 452, 451, 447, 444, 441, 435, 431, 425, 415, 409, 407, 397, 393, 383, 379, 375, 373, 365, 363, 350, 343, 340 and 336 Cabbage Tree Road, Williamstown. If you would like to have your property inspected, please contact Jonathan on the details below. For those that have requested a survey, an appointment will be arranged directly with you in the coming fortnight to undertake the inspection.

Noise

Construction will be undertaken during standard industry construction hours of 7 am to 6 pm Monday to Friday, 8 am to 1 pm on Saturdays with no works occurring on Sunday or a Public Holiday. The noise assessment anticipates that some properties may be noise affected (background plus 10 dB) for some portion of the works, and that the worst case construction noise impact is predicted to be 62 dB(A), but no dwelling is predicted to be highly noise affected (75 dB(A) or higher). Noise monitoring will be undertaken during construction to assess noise levels.

Dust

Standard dust controls will be applied during construction (e.g. minimise disturbance area, water cart, stabilise bare sand areas as soon as feasible). Further, an air quality monitoring network has been installed to provide a real-time measurement of air quality and the ability to proactively respond to any increasing dust levels from construction to minimise impacts on nearby residents.

ACCESSING THE SITE AND YOUR SAFETY

WSS would like to remind the community that the property on which the quarrying is occurring is both a construction site and operating quarry. For your safety, **no unauthorised access is permitted on the land**. If you would like to access the site, please contact the quarry manager, who will, where possible, assist with your request.

COMMUNITY CONSULTATIVE COMMITTEE

The DPIE appointed John Turner as the Independent Chair Person for the Cabbage Tree Road Quarry Community Consultative Committee (CCC). The members of the CCC have now been selected based on registrations of interest. For more about the CCC please contact John at harcourt2204@hotmail.com.

QUARRY MANAGER

Paul Bourne has been appointed the role of Quarry Manager at WSS. Paul brings with him many years of sand quarrying experience within the local area.

To make a complaint or find out more about the construction activities occurring onsite contact Paul on 0402 648 079. This number is the dedicated quarry complaints and information number.

CONTACT US

If you have any comments or would like more information, or have any questions or feedback relating to the Cabbage Tree Road Project, please contact:

Jonathan Berry (Kleinfelder Australia Pty Ltd)

P: 02 4949 5200 (business hours)

M: 0421 440 139

E: jberry@kleinfelder.com

ROBSON CIVIL SITE CONTACT

Phil Bador – Site Manager

P: 02 4949 1300

M: 0439 609 339

ABOUT WILLIAMTOWN SAND

Williamtown Sand Syndicate Pty Ltd is a Newcastle based privately funded investment business utilising local employees, contractors, consultants, resources and suppliers of services to undertake this project.

Client: **ROBSON**
CIVIL PROJECTS
Contact: Brent Matthews
PH: 0477 027 660

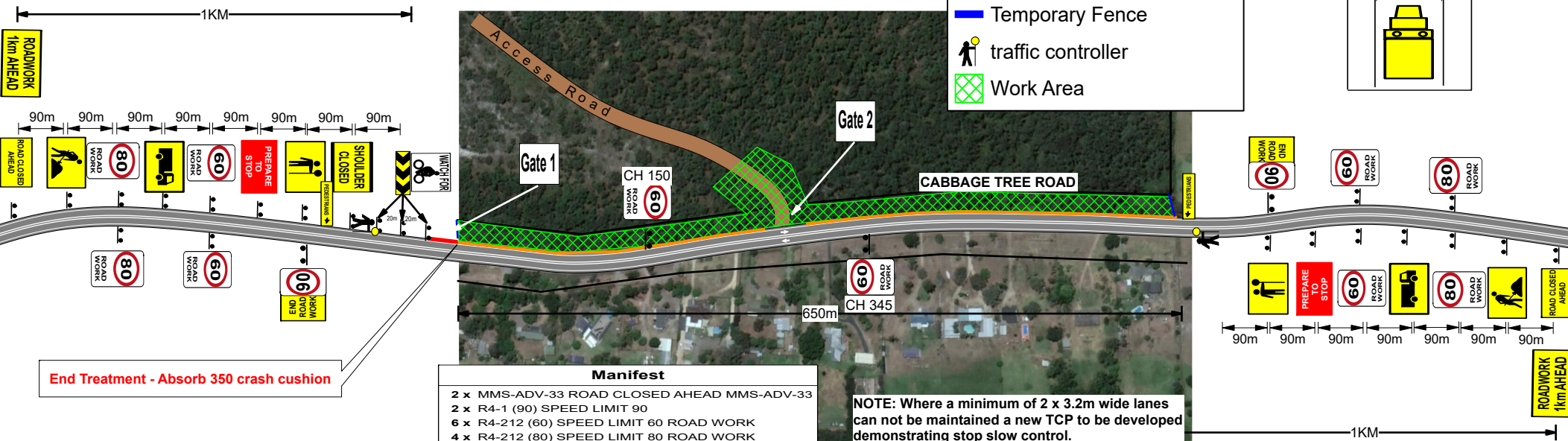
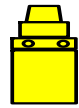
DAY WORKS - SHOULDER CLOSED WITH BRIEF STOPS AS REQUIRED

Legend

- Property Boundry
- RMS Approved Jersey kerb
- Temporary Fence
- traffic controller
- Work Area



Minimum travel
lanes = 3.2m



End Treatment - Absorb 350 crash cushion

Manifest

- 2 x MMS-ADV-33 ROAD CLOSED AHEAD MMS-ADV-33
- 2 x R4-1 (90) SPEED LIMIT 90
- 6 x R4-212 (60) SPEED LIMIT 60 ROAD WORK
- 4 x R4-212 (80) SPEED LIMIT 80 ROAD WORK
- 1 x RMS Approved Jersey kerb
- 26 x sign single
- 2 x T1-16 ROADWORK 1km AHEAD
- 2 x T1-18 prepare to stop
- 2 x T1-200-2 TRAFFIC CONTROLLER AHEAD
- 2 x T1-5-2 WORKERS AHEAD NSW
- 2 x T2-17A end road work
- 2 x T2-25 TRUCKS
- 1 x T5-4 HAZARD WARNING MARKER
- 1 x T8-2L pedestrians (L)
- 1 x T8-2R pedestrians (R)
- 2 x traffic controller
- 1 x Watch for Cyclist

Coast Traffic Solutions (CTS) takes no responsibility for the accuracy installation or maintenance of this Traffic Control Plan (TCP) to the site specific needs of the work and CTS can not be held liable in any way whatsoever in relation to any loss incurred in relation to the use of this TCP and CTS is released from any and all liability where no CTS staff are engaged on site.



TCP 1 - Cabbage Tree Rd - Williamtown - Shoulder Closed - Long Term

Date: 18/11/2019 **Scale:** NOT TO SCALE **Revision:** 0

Comments:

1. SCOPE OF WORKS: Traffic management during Long term road construction & associated works.
 2. Day Works: All appropriate PPE to be worn.
 3. PEDESTRIANS: Ensure pedestrian signage is clearly posted and surface on temporary walk way smooth and with out obstacles.
 4. CERTIFIED TRAFFIC CONTROLLERS: All signage & equipment as per this TCP are to be positioned by holder of a current traffic controller Yellow Card.
 5. TCP No 1: Based on TCP 42 from the TCWS manual.
 6. SCHEDULE OF WORKS: TBA by Robson Projects.
 7. NOTE: When workers are not on site the worker symbolic signs will be removed or covered
- GENERAL NOTES: This plan is to be read in conjunction with:
 * TRAFFIC CONTROL AT WORKS SITES MANUAL 27-07-2018 - VERSION No 5
 * None applicable existing signs to be covered.

Modified by:

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Date:

Sign:

Certified by:

Red Card No:

Date:

/ /201

Sign:

Plan drawn by

Nigel Bolton

Phone

0412 444 156



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NIGEL
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Expiry Date:
12/01/2021

Card No: 0049082211



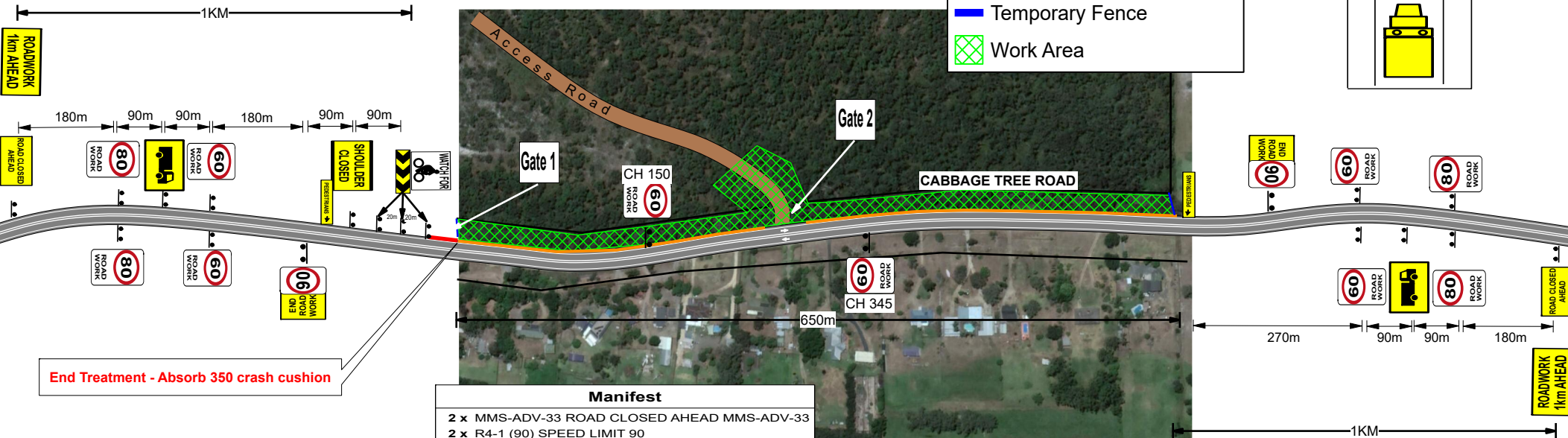
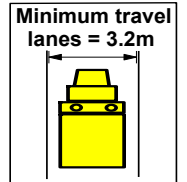
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Client: **ROBSON**
CIVIL PROJECTS
Contact: Brent Matthews
PH: 0477 027 660

OUT OF HOURS - SHOULDER CLOSED

Legend

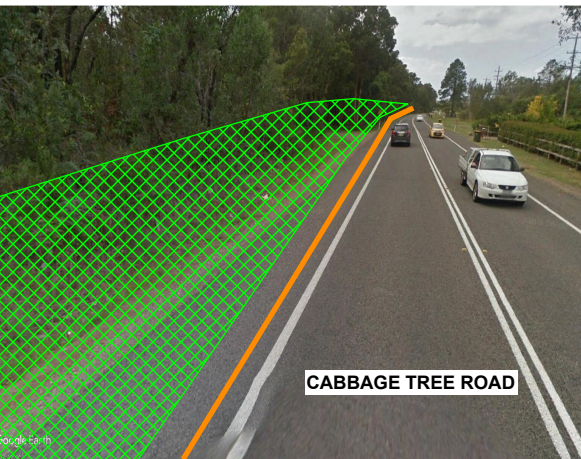
- Property Boundry
- RMS Approved Jersey kerb
- Temporary Fence
- Work Area



Manifest

- 2 x MMS-ADV-33 ROAD CLOSED AHEAD MMS-ADV-33
- 2 x R4-1 (90) SPEED LIMIT 90
- 6 x R4-212 (60) SPEED LIMIT 60 ROAD WORK
- 4 x R4-212 (80) SPEED LIMIT 80 ROAD WORK
- 1 x RMS Approved Jersey kerb
- 20 x sign single
- 2 x T1-16 ROADWORK 1km AHEAD
- 2 x T2-17A end road work
- 2 x T2-25 TRUCKS
- 1 x T5-4 HAZARD WARNING MARKER
- 1 x T8-2L pedestrians (L)
- 1 x T8-2R pedestrians (R)
- 1 x Watch for Cyclist

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TCP 2 - Cabbage Tree Rd - Williamtown - Shoulder Closed - OUT OF HOURS

Date: 20/11/2019 Scale: NOT TO SCALE Revision: 0

Comments:

1. SCOPE OF WORKS: Traffic management OUT OF HOURS Long term road construction & associated works.
2. Day Works: All appropriate PPE to be worn.
3. PEDESTRIANS: Ensure pedestrian signage is clearly posted and surface on temporary walk way smooth and with out obstacles.
4. CERTIFIED TRAFFIC CONTROLLERS: All signage & equipment as per this TCP are to be positioned by holder of a current traffic controller Yellow Card.
5. TCP No 2: Based on TCP 42 from the TCWS manual.
6. SCHEDULE OF WORKS: TBA by Robson Projects.
7. NOTE: When workers are not on site the worker symbolic signs will be removed or covered

GENERAL NOTES: This plan is to be read in conjunction with:

- * TRAFFIC CONTROL AT WORKS SITES MANUAL 27-07-2018 - VERSION No 5
- * None applicable existing signs to be covered.

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Red Card No:

Date:

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Plan drawn by

Nigel Bolton

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0412 444 156

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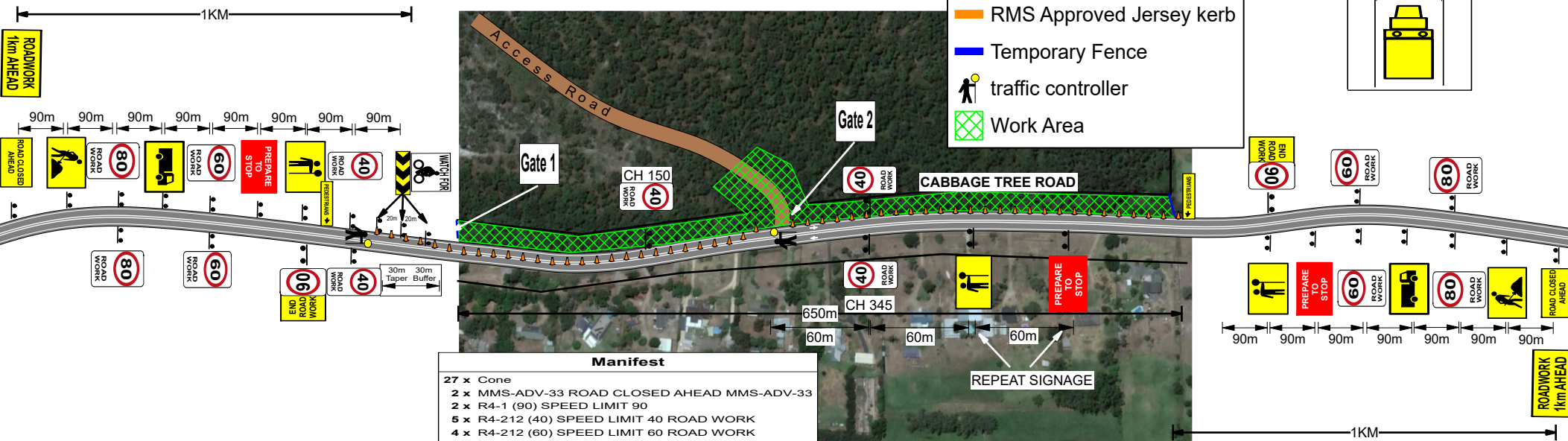
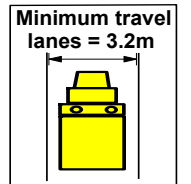


Client: **ROBSON**
CIVIL PROJECTS
Contact: Brent Matthews
PH: 0477 027 660

DAY WORKS - Stop Slow Control - Western end of works

Legend

- Cone
- Property Boundary
- RMS Approved Jersey kerb
- Temporary Fence
- traffic controller
- Work Area



Manifest

- 27 x Cone
- 2 x MMS-ADV-33 ROAD CLOSED AHEAD MMS-ADV-33
- 2 x R4-1 (90) SPEED LIMIT 90
- 5 x R4-212 (40) SPEED LIMIT 40 ROAD WORK
- 4 x R4-212 (60) SPEED LIMIT 60 ROAD WORK
- 4 x R4-212 (80) SPEED LIMIT 80 ROAD WORK
- 1 x RMS Approved Jersey kerb
- 30 x sign single
- 2 x T1-16 ROADWORK 1km AHEAD
- 3 x T1-18 prepare to stop
- 3 x T1-200-2 TRAFFIC CONTROLLER AHEAD
- 2 x T1-5-2 WORKERS AHEAD NSW
- 2 x T2-17A end road work
- 2 x T2-25 TRUCKS
- 1 x T5-4 HAZARD WARNING MARKER
- 1 x T8-2L pedestrians (L)
- 1 x T8-2R pedestrians (R)
- 2 x traffic controller
- 1 x Watch for Cyclist

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TCP 3 - Cabbage Tree Rd - Williamtown - Stop Slow Control

Date: 20/11/2019 Scale: NOT TO SCALE Revision: 0

Comments:

1. SCOPE OF WORKS: Traffic management during Long term road construction & associated works.
 2. Day Works: All appropriate PPE to be worn.
 3. PEDESTRIANS: Ensure pedestrian signage is clearly posted and surface on temporary walk way smooth and with out obstacles.
 4. CERTIFIED TRAFFIC CONTROLLERS: All signage & equipment as per this TCP are to be positioned by holder of a current traffic controller Yellow Card.
 5. TCP No 3: Based on TCP 83 from the TCWS manual.
 6. SCHEDULE OF WORKS: TBA by Robson Projects.
 7. NOTE: When workers are not on site the worker symbolic signs will be removed or covered
- GENERAL NOTES: This plan is to be read in conjunction with:
- * TRAFFIC CONTROL AT WORKS SITES MANUAL 27-07-2018 - VERSION No 5
 - * None applicable existing signs to be covered.

Modified by:

Red Card No:

Date:

Sign:

Certified by:

Red Card No:

Date:

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Sign:

Plan drawn by

Nigel Bolton

Phone

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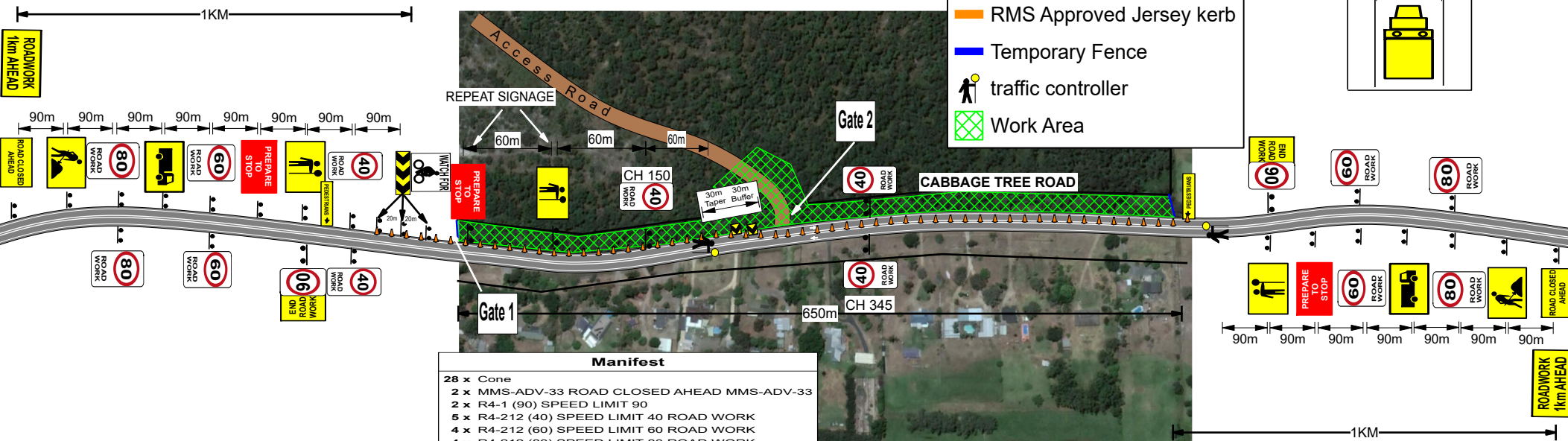
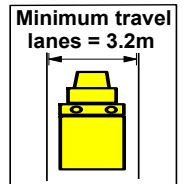
This card is not a proof of identity.

Client: **ROBSON**
CIVIL PROJECTS
Contact: Brent Matthews
PH: 0477 027 660

DAY WORKS - Stop Slow Control - Eastern end of works

Legend

-  Cone
-  Property Boundary
-  RMS Approved Jersey kerb
-  Temporary Fence
-  traffic controller
-  Work Area



Manifest

- 28 x Cone
- 2 x MMS-ADV-33 ROAD CLOSED AHEAD MMS-ADV-33
- 2 x R4-1 (90) SPEED LIMIT 90
- 5 x R4-212 (40) SPEED LIMIT 40 ROAD WORK
- 4 x R4-212 (60) SPEED LIMIT 60 ROAD WORK
- 4 x R4-212 (80) SPEED LIMIT 80 ROAD WORK
- 1 x RMS Approved Jersey kerb
- 30 x sign single
- 2 x T1-16 ROADWORK 1km AHEAD
- 3 x T1-18 prepare to stop
- 3 x T1-200-2 TRAFFIC CONTROLLER AHEAD
- 2 x T1-5-2 WORKERS AHEAD NSW
- 2 x T2-17A end road work
- 2 x T2-25 TRUCKS
- 1 x T5-4 HAZARD WARNING MARKER
- 2 x T5-5 T5-5 single chevron
- 1 x T8-2L pedestrians (L)
- 1 x T8-2R pedestrians (R)
- 2 x traffic controller
- 1 x Watch for Cyclist

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TCP 4 - Cabbage Tree Rd - Williamtown - Stop Slow Control

Date: 20/11/2019 Scale: NOT TO SCALE Revision: 0

Comments:

1. SCOPE OF WORKS: Traffic management during Long term road construction & associated works.
 2. Day Works: All appropriate PPE to be worn.
 3. PEDESTRIANS: Ensure pedestrian signage is clearly posted and surface on temporary walk way smooth and with out obstacles.
 4. CERTIFIED TRAFFIC CONTROLLERS: All signage & equipment as per this TCP are to be positioned by holder of a current traffic controller Yellow Card.
 5. TCP No 4: Based on TCP 83 from the TCWS manual.
 6. SCHEDULE OF WORKS: TBA by Robson Projects.
 7. NOTE: When workers are not on site the worker symbolic signs will be removed or covered
- GENERAL NOTES: This plan is to be read in conjunction with:
- * TRAFFIC CONTROL AT WORKS SITES MANUAL 27-07-2018 - VERSION No 5
 - * None applicable existing signs to be covered.

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Red Card No:

Date:

/ /201

Sign:

Plan drawn by

Nigel Bolton

Phone

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