WOLLONGONG CITY COUNCIL

Traffic Committee Minutes of Meeting







MINUTES CITY OF WOLLONGONG TRAFFIC COMMITTEE

at 9.15 am

20 April 2021

RECOMMENDATION

In accordance with the powers delegated to Council by the Road Transport Act 2013 and the Roads Act 1993, as outlined in TfNSW (previously RMS) document 'A guide to the Delegation to Councils for the Regulation of Traffic – including the operation of Traffic Committees':

- 1 The remaining Recommendations of the City of Wollongong Traffic Committee (excluding all Temporary Road Closures which require adoption by full Council), be adopted.
- 2 Appropriate persons and Departments be advised of Council's decisions.

Author's Name	Author's Title	Date		
Rob Gaudiosi	Traffic Engineer	21 April 2021		
Andrew Byers	Traffic and Transport Unit Leader (Acting)	22 April 2021		
Isabelle Ghetti	Transport and Stormwater Services – Manager (Acting)	22 April 2021		
Trish McClure	Infrastructure Strategy and Planning – Manager	26 April 2021		
Jo Page	Director – Infrastructure and Works (Acting)	26 April 2021		
Name	Title	Date		
Greg Doyle	General Manager	27 April 2021		



Wollongong City Council

Infrastructure, Strategy and Planning Division Transport and Stormwater

The City of Wollongong Traffic Committee is not a Committee of Wollongong City Council however a Technical Committee of Transport for New South Wales (TfNSW). The Committee operates under the authority conferred to Council by TfNSW under the Transport Administration Act 1988. Council has resolved to manage the Traffic Committee under a Charter which sets out the membership, timelines for the preparation of the Agenda and the distribution of Minutes, in accordance with TfNSW document 'A guide to the delegation to councils for the regulation of traffic' (including the operation of Traffic Committees.)

Council has been delegated certain powers, from TfNSW, with regard to traffic matters upon its local roads. A condition of this delegation is that Council must consider the Traffic Committee recommendations.

There are four permanent members of the Traffic Committee, each of whom has a single vote only.

- The members are representatives of the NSW Police Force, Transport for New South Wales, the Local State Member of Parliament (for the location of the issue to be voted upon), and a representative of Wollongong City Council.
- If TfNSW or NSW Police Force disagrees with any Traffic Committee recommendation, or Council's
 resolution on any Traffic Committee recommendation, that member may lodge an appeal with the
 Regional Traffic Committee for determination. The appeal must be lodged in writing within 14 days of
 Council's resolution. Any action relative to any issue under appeal must cease until the matter is
 determined. The Regional Traffic Committee is chaired by an independent chairperson and
 submissions and representations are welcomed from all interested parties.

IMPORTANT NOTE:

Council can only resolve that:

- 1 The Traffic Committee recommendation be adopted.
- 2 The Traffic Committee recommendation not be adopted.
- **3** The Traffic Committee reconsider this issue.



PRESENT						
Rob Gaudiosi - Chair	Wollongong City Council					
Isabelle Ghetti	Wollongong City Council					
Robyn Dorman	Wollongong City Council					
Mel Lausz – Road Safety Officer	Wollongong City Council					
Kyle Hasler	Wollongong City Council					
Senior Constable Elisabeth Catto	NSW Police					
John Granland	Premier Illawarra					
John Burns	Representing the Member for Keira and Member for Wollongong					
Jesse Fogg	Transport for NSW					



INDEX

PAGE NO. ITEM 1 STANDING AGENDA ITEMS 1.1 Acknowledgement of Country1 1.2 1.3 Declarations of Interest 1.4 1.5 GENERAL BUSINESS 2 2.1 WARRAWONG/BERKELEY Cowper Street and Flagstaff Road – Ward 3 1 DAPTO Billabong Avenue – Ward 3 1 2.2 TOWRADGI Towradgi Road – Ward 12 2.3 2.4 25 2.6 2.7 2.8 PRIMBEE Korrongulla Crescent – Ward 3......4 3 3.1 UNANDERRA Princes Highway – Ward 3 4 3.2 WOLLONGONG Court Lane – Ward 2 DESIGN MATTERS 4 4.1 4.2 BULLI Blackbutt Place, Southview Street, Beach Street and Beacon Avenue - Ward 1 6 4.3 BERKELEY Hooka Creek Road – Ward 3 4.4 4.5 4.6 4.7



1 STANDING AGENDA ITEMS

1.1 Welcome

1.2 Acknowledgement of Country

An Acknowledgement of Country was presented by Isabelle Ghetti.

1.3 Declarations of Interest

No conflicts of interest were declared.

1.4 Apologies

An apology was received and accepted by Amit Chowdhury, Andrew Byers, Les Dion.

1.5 Confirmation of Minutes

COMMITTEE'S RECOMMENDATION:

The Committee confirmed the previous minutes as an accurate record.

CARRIED UNANIMOUSLY

2 GENERAL BUSINESS

2.1 WARRAWONG/BERKELEY Cowper Street and Flagstaff Road – Ward 3

Cowper Street and Flagstaff Road, Warrawong/Berkeley – Installation of RRPMS

BACKGROUND

Council is reviewing the delineation along Flagstaff Road Berkeley and Cowper Street Warrawong. On review, the delineation manual requires a minimum of 6000v/d to install RRPMs along the centreline. From George Street Berkeley to First Avenue South in Warrawong there is an average of 7800v/d.

CONSULTATION

No consultation is required.

COMMITTEE'S RECOMMENDATION:

Install RRPM's along the centreline at 12m spacing, initially around the curves.

CARRIED UNANIMOUSLY

2.2 DAPTO Billabong Avenue – Ward 3

Billabong Avenue, Dapto - Disability Parking

BACKGROUND

Council has been contacted by a person who lives at 25 Billabong Avenue, Dapto, requesting a disability parking space. The occupant has accessibility issues and has a purpose-built kerb ramp which was approved by Council. They have said the kerb ramp is sometimes blocked and carers cannot utilise it. A disability parking space will greatly assist this person accessing their property.



The resident has been consulted with.

COMMITTEE'S RECOMMENDATION:

Install a 7m disability parking space starting from the kerb ramp and continuing 7m south.

CARRIED UNANIMOUSLY

2.3 TOWRADGI Towradgi Road - Ward 1

Towradgi Road, Towradgi - Carpark Access

BACKGROUND

There are currently four on-street car spaces located between the entry and exit driveway of the Towradgi Road carpark at the eastern end of Towradgi Road. When drivers exit the carpark, vehicles parked close to the driveway reduce sight distance when looking west. It is proposed to remove one (1) car space to open up sight lines and assist when leaving the car space.

CONSULTATION

No consultation is required.

COMMITTEE'S RECOMMENDATION:

Install No Stopping restrictions 6m west from the exit driveway.

CARRIED UNANIMOUSLY

2.4 WOLLONGONG Swan Street – Ward 2

Swan Street, Wollongong – Cemetery Access

BACKGROUND

Traffic has received an internal request to review the restrictions adjacent to the Wollongong cemetery access 90m east of Auburn Street. The issue is truck drivers require access to the site to carry out work and vehicles are parked on Swan Street close to the driveway.

CONSULTATION

No consultation is required.

COMMITTEE'S RECOMMENDATION:

Install No Stopping restrictions 3m each side of the driveway (including the driveway) by way of continuous yellow line.

CARRIED UNANIMOUSLY

2.5 FAIRY MEADOW Vereker and Bassett Street – Ward 2

Vereker and Bassett Street, Fairy Meadow – Intersection Restrictions

BACKGROUND

The school principal of Mt Ousley Public School has contacted Traffic after a resident has raised concerns



regarding parking along Basset Street. Bassett Street is a narrow road 6.5m wide with parking permitted on both sides and within close proximity to the school. It was noted on site that there is mainly local traffic on Bassett Street that creates a slow-moving environment during school zone times. Intersection changes would improve safety and not impede on the current pick up and drop off practices.

CONSULTATION

No consultation is required.

PROPOSAL

Install No Stopping restrictions at the intersection of Bassett Street and Vereker Street by way of continuous yellow line.

CARRIED UNANIMOUSLY

2.6 BULLI Panmills Drive - Ward 1

Panmills Drive, Bulli – No Stopping Restrictions

BACKGROUND

A resident has contacted Council regarding a narrow curve near 34 Panmills Drive that has sight distance issues when drivers park on the inside of the curve. There could be significant improvement if some parking was removed inside the curve to provide sight distance. This would retain the majority of parking in a low traffic residential environment.

CONSULTATION

Consultation with resident at number 34 Panmills Drive is required.

COMMITTEE'S RECOMMENDATION:

Install approximately 15m of No Stopping restrictions along the inside of the curve on 34 Panmills Drive by way of continuous yellow line.

CARRIED UNANIMOUSLY

2.7 DAPTO Moran Avenue and Brook Street – Ward 3

Moran Avenue and Brook Street, Dapto – Adjustment of Hold Line

BACKGROUND

A resident of Brook Street has had ongoing concerns that drivers fail to give way at the intersection of Brook Street and Moran Avenue. It was noted that drivers stop well before the kerb line where sight distance is poor, as this currently lines up with the edge of the pedestrian refuge. It is proposed that the hold line be relocated in line with Brook Street kerb line on the north side to increase sight lines.

CONSULTATION

No consultation is required.

COMMITTEE'S RECOMMENDATION:

Additional investigation is required. Item may be tabled at a future meeting.

CARRIED UNANIMOUSLY



2.8 PRIMBEE Korrongulla Crescent – Ward 3

Korrongulla Crescent, Primbee – Install School Parking Restrictions

BACKGROUND

The Principal of Primbee Public School has requested restrictions outside their driveway as well as provision for pick up and drop off on Korrongulla Crescent. The existing No Parking on Korrongulla Crescent is provided adjacent to a driveway where parents wait for children and children exit the school. Therefore, this is proposed to be converted to No Stopping. It was also requested to install a section of pick up and drop off starting at the new No Stopping (left arrow) post and extending for 7 spaces east. This will ensure the spaces are available during school zone times for pick up and drop off and children are less likely to cross the road.

CONSULTATION

No consultation is required.

COMMITTEE'S RECOMMENDATION:

- Convert the existing No Parking signs outside the school gate / driveway to No Stopping on Korrongulla Crescent
- Install 40m of No Parking timed 8am to 9.30am and 2.30pm to 4pm School Days east of the new No Stopping (left arrow) sign on Korrongulla Crescent

CARRIED UNANIMOUSLY

3 REGULATION OF TRAFFIC

3.1 UNANDERRA Princes Highway – Ward 3

Princes Highway, Unanderra – Level Crossing Road Closure 7 June 2021 to 2 July 2021

BACKGROUND

Sydney Trains have an upcoming rail possession in June which will require the full closure of the Princes Highway, Unanderra between Orangegrove Avenue and Nolan Street for track reconditioning works to be completed on the level crossing. The closure is required from 21:00 Friday night 18 June continuously through to 05:00 Monday 21 June 2021.

There is also a requirement for Pre & Post works which will be limited to rail corridor access. During the pre and post works staging there will be a requirement for brief intermittent stoppages of southbound traffic at the rail corridor site access gate. These works are proposed to occur between 09:00 – 16:00 Monday 7 June – Friday 18 June for pre works and Monday 21 June – Friday 2 July for post works.

The scope of works involves track reconditioning of the main Illawarra line. The existing concrete sleepers and track will be replaced. The asphalt road surface adjacent to and across the level crossing will also be re-instated. Residents within the closure area will be provided access at all times. A lengthy Traffic Management Plan was submitted, of which the Traffic Controls Plan (TCP) have been attached (pages 26 to 33).

CONSULTATION

Consultation with affected residents and bus services is a condition of approval for the applicant.

COMMITTEE'S RECOMMENDATION:

The submitted Construction Traffic Management Plans for the various stages of work, as noted below, be approved in accordance with Council's <u>Standard Conditions for Road Closures</u>.

• The road closure of the Princes Highway between Orangegrove Avenue and Nolan Street between 9pm Friday 18 June to Monday 5am 21 June.



• The pre and post work intermittent southbound traffic stoppages from 7 June to 18 June and 21 June to 2 July between 9am and 4pm.

Council and Premier Illawarra to clarify with the applicant the length of time of each intermittent stoppage for the southbound traffic.

CARRIED UNANIMOUSLY

3.2 WOLLONGONG Court Lane – Ward 2

Court Lane, Wollongong – Excavation of Road Way for Electrical Works

BACKGROUND

The applicant has requested Court Lane be closed to the public for two days between 1 July 2021 and 30 July 2021, for the hours of 7am to 4.30pm. Court Lane will be accessible for residents during this period. The scope of works includes an open cut road from pit to pit at 124 Court Lane, Wollongong. Additionally, trench and install six (6) electrical heavy-duty conduits.

CONSULTATION

Consultation with affected residents and businesses is a condition of approval for the applicant.

COMMITTEE'S RECOMMENDATION:

The proposed road closure for two consecutive nominated days in the week commencing 12 July 2021, for the hours of 7am to 4.30pm, for excavation of the road way at Court Lane be approved subject to the submitted Traffic Control Plan and Council's <u>Standard Conditions for Road Closures</u>. The applicant must contact Wollongong Police – details to be provided to applicant.

CARRIED UNANIMOUSLY

4 DESIGN MATTERS

4.1 KEMBLA GRANGE Darkes Road – Ward 3

Darkes Road, Kembla Grange - Sanctuary Views Stage 4 – DA-2020-989 – CS-2021/1

BACKGROUND

As a requirement of the development consent the developer is required to submit a signs and lines plan for Council approval.

The subdivision is located between Darkes Road and West Dapto Road and forms part of a larger 3 staged subdivision approved under DA-2018/104. The previous three stages have been completed and the land and roads registered.

The 16 lot subdivision includes a new road connecting to Darkes Road and three extensions of existing roads and associated intersections which connect to the completed subdivision.

The signs and lines plan has been prepared by Craig and Rhodes.

CONSULTATION

The road design and layout has been prepared and approved as part of the development application assessment. The plans are designed in accordance with AUSTROADS Guide to Road Design, Council's Development Control Plan and Council's Subdivision Policy.

Consultation and notification of the development is undertaken during the development application assessment.



Consultation is also a requirement of the design process.

COMMITTEE'S RECOMMENDATION:

Additional investigation is required. Item will be tabled at a future meeting.

CARRIED UNANIMOUSLY

4.2 BULLI Blackbutt Place, Southview Street, Beach Street and Beacon Avenue – Ward 1

Blackbutt Place, Southview Street, Beach Street and Beacon Avenue, Bulli – Proposed Sharrow Pavement Marking

BACKGROUND

As part of the east-west cycling connections in Bulli on Blackbutt Place, Southview Street, Beach Street and Beacon Avenue, Council is proposing on-road sharrow pavement markings.

CONSULTATION

Consultation is a requirement of the design process.

COMMITTEE'S RECOMMENDATION:

Plans 6996_SK11_1, 6996_SK12_1 and 6996_SK13_1 be approved.

CARRIED UNANIMOUSLY

4.3 BERKELEY Hooka Creek Road – Ward 3

Hooka Creek Road, Berkeley - Proposed Sharrows, Line marking and Warning Signage

BACKGROUND

As a part of construction for the on-road in-lane cycleway in Hooka Creek Road, Berkeley, Council is proposing sharrows, line marking and warning signage.

CONSULTATION

Consultation is a requirement of the design process.

COMMITTEE'S RECOMMENDATION:

Plan 7016_A be approved.

CARRIED UNANIMOUSLY

4.4 NORTH WOLLONGONG Squires Way - Ward 1

Squires Way from Elliots Road to Puckey Avenue, North Wollongong – Proposed Signage/Line marking and Kerb

BACKGROUND

Road upgrades incorporating the Western kerb between Elliotts Road and Puckey Avenue have been completed previously by Council. Further improvements to Squires Way are beneficial to the community due to its increasing use as an alternate route for Northern Suburbs residents accessing Wollongong City and the future developments at the innovation campus, which will include a new Northern entry onto Squires Way. The next logical stage is to



complete the missing kerb between Elliotts Road and Puckey Avenue and to widen this portion of road to dual lanes in each direction.

CONSULTATION

Consultation is a requirement of the design process.

COMMITTEE'S RECOMMENDATION:

Plan 6936_CO3_B be approved with the following amendments: the turn arrows in the plan, shown prior to merging, are to be altered to the standard merging arrow. The black and white merge right sign should be installed at the merge point (refer to AS 1742).

CARRIED UNANIMOUSLY

4.5 MOUNT KEIRA Mount Keira Road – Ward 2

Intersection of Mount Keira Road and Spring Street, Mount Keira – Proposed Roundabout, Blisters and Signage

BACKGROUND

Mt Keira Road has had a number of out-of-control crashes recorded along its length. This intersection sees a number of loss of control crashes and the project is being funded under the NSW Government Safer Roads Program. Mount Keira Road and Spring Street are both used as a bus route, so a semi-mountable roundabout is proposed as the most appropriate solution for improving safety at this intersection. Mount Keira Road is a popular on-road cycle route, so bicycle safety has been addressed in the design. The proposed design consists of:

- Semi-mountable roundabout
- Kerb blisters
- Regrading of road surface to improve crossfalls
- Signage
- Line marking
- Tree trimming to improve sight lines

CONSULTATION

Consultation is a requirement of the design process.

COMMITTEE'S RECOMMENDATION:

Additional investigation is required. Item will be tabled at a future meeting.

CARRIED UNANIMOUSLY

4.6 WOLLONGONG Mercury Street - Ward 2

Intersection of Mercury Street and Greenacre Road, Wollongong – Proposed Roundabout, Kerb Extensions, Blisters and Signage

BACKGROUND

Mercury Street is a collector road running between Foley Street, Throsby Drive and Crown Street, connecting the northern and western suburbs of Wollongong with the CBD and Hospital precinct. This creates a substantial number of turning conflicts at the existing give-way controlled T-intersection of Greenacre Road. The project is being funded under the NSW Government Safer Roads Program to address the current crash pattern and improve safety of pedestrians in this area. Mercury Street is used as a bus route, so a semi-mountable roundabout is proposed as the most appropriate solution for improving safety at this intersection. The proposed design consists of:



- Semi-mountable roundabout
- Kerb extensions
- Kerb blisters
- Kerb ramps
- Regrading of road surface to improve crossfalls
- Signage
- Line marking
- Relocation of existing southbound bus stop

CONSULTATION

Consultation is a requirement of the design process.

COMMITTEE'S RECOMMENDATION:

Additional investigation is required. Item will be tabled at a future meeting.

CARRIED UNANIMOUSLY

4.7 WOLLONGONG Denison Street – Ward 2

Denison Street, Wollongong – Road Safety Upgrades Including a Roundabout and Multiple Kerb Blisters with Kerb Ramps

BACKGROUND

Denison Street provides an alternate route for traffic outside of the CBD. The main issues on this street are vehicle speed and safe pedestrian crossing locations. Grant funding has been obtained for the safety upgrades of Denison Street under the NSW Government Safer Roads Program. To address the current crash patterns and improve safety in the area a semi-mountable roundabout is proposed at the intersection of Denison Street and Loftus Street. Kerb blisters with kerb ramps are proposed near the Hercules Street intersection and on the south western side of the existing Robinson Street/Victoria Street roundabout to address pedestrian safety. The proposed design consists of:

- Semi-mountable roundabout
- Kerb extensions
- Kerb blisters
- Kerb ramps
- Minor regrading of road surface at roundabout to improve crossfalls
- Signage
- Line marking

CONSULTATION

Consultation is a requirement of the design process.

COMMITTEE'S RECOMMENDATION:

Additional investigation is required. Item will be tabled at a future meeting.

CARRIED UNANIMOUSLY

The meeting closed at 10:15am.

The next meeting of the City of Wollongong Traffic Committee will be held on 11 May at 9:15am.

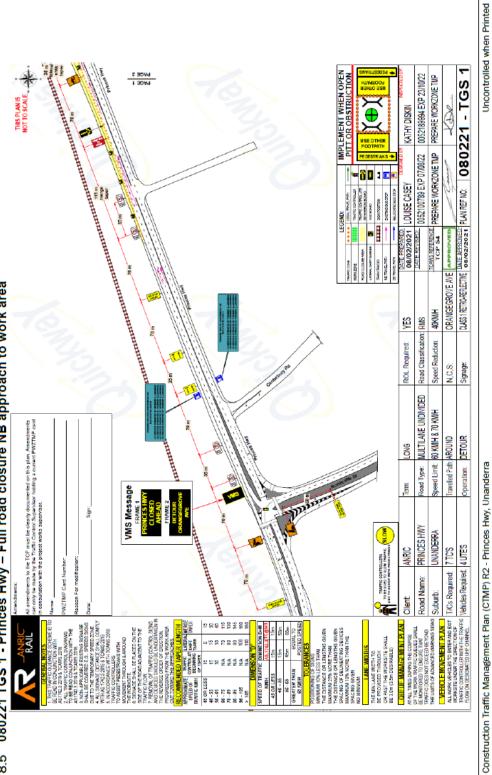




v

wollongong

080221 TGS 1 - Princes Hwy - Full road closure NB approach to work area <mark>8.5</mark>



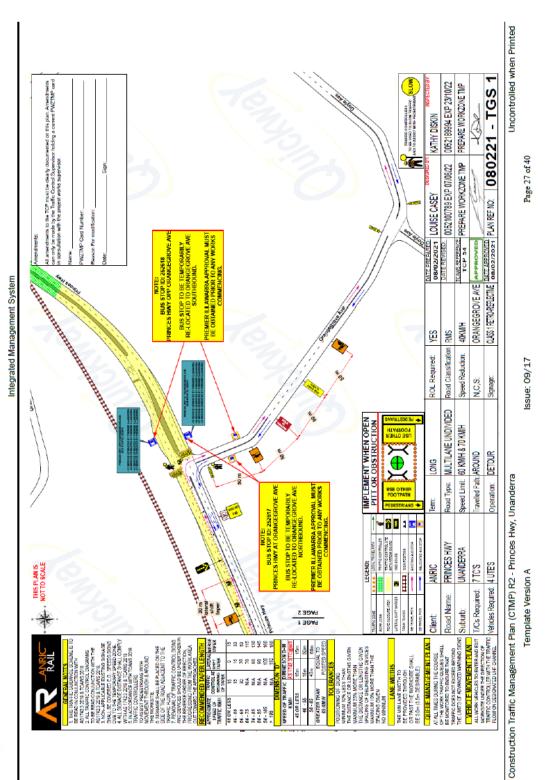
Princes Highway, Unanderra – Level Crossing Road Closure Construction Traffic Management Plan – Page 1 of 8

Minutes of City of Wollongong Traffic Committee

Page 26 of 40

lssue: 09/17

Template Version A



Princes Highway, Unanderra – Level Crossing Road Closure Construction Traffic Management Plan – Page 2 of 8

V

wollongong



wollongong

8.6 080221 TGS 2 - Princes Hwy - Full road closure SB approach to work area

						,	Uncontrolled when Printed	
		KATHY DISKIN	0052189994 EXP 23/10/22	PREPARE WORKZONE TMP	- A	221 - TGS 2	Uncontrolle	-
3		LOUISE CASEY	0052100789 EXP 07/08/22	TICP 54 PREPARE WORKZONE TMP	Crow	PLAN REF NO: 080221		
_		DATE PREPARED: 08/02/2021	DATE REVISED.	TCP 54	APPROVED	DATE APPROVED 08/02/2021		
	Solution Soluti	ed: YES	cation: RMS	ion: 40KM/H	NOLAN ST	CLASS 1 RETRO-REFLECTIVE		,
	READER TO A CONTRACT OF A CONT	ROL Required:	IDED Road classification: RMS	Speed Reduction:	N,C,S:	Sgnage:		
		DNC	MULTILANE UNDIVIDED	C 60 KWH & 70 KMH	ravelled Path, AROUND	DETOUR		
	As clairy forumentation this point Antiothered As a previous. As a previous. Big. Big. Big. Big. Big. Big. Big. Big	Tem	Road Type:	Speed Limit:	Travelled Pa	Operation:	R2 - Princes Hwy, Unanderra	
l V	Programmer and the project we have to the first	ANRIC	me: PRINCES HWY	UNANDERRA	uired: 7TC'S	quired: 4 UTES		
	Amolonent: Amolonent: Amolonent: Amolonent: Amolonential Amolonenti	VT PLAN URSE Client:	ES SHALL Road Name:	RING SIGNS Suburb:	T/Cs Required:	THE TRAFFIC Vehicles Required:	ent Plan (CTMF	Townships of the
1000221 12000	Перевональная и представите и представ	AT ALL TIMES DURING THE COURSE	OF THE WORK TRAFFIC QUEUES SHALL BE MONTOPHED TO ENSURE THAT TRAFFIC DOES NOT EXCEED BEYOND	THE UMTS OF ADVANCED WARNING SIGNS	ALL WORK VEHICLES TO ENTER AND EXIT WORKSTELINDER THE DIRECTION OF	TRAFFIC CONTROLLER WITH THE TRAFFIC FLOW ON DESIGNATED LIFF CHANNEL	Construction Traffic Management Plan (CTMP)	ł
0.0							Construction Ti	

Princes Highway, Unanderra – Level Crossing Road Closure Construction Traffic Management Plan – Page 3 of 8

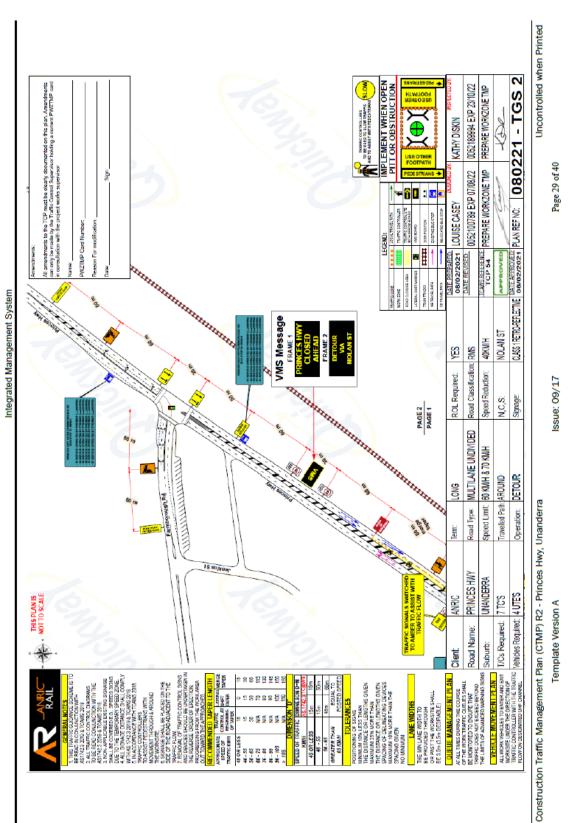
Minutes of City of Wollongong Traffic Committee

Page 28 of 40

lssue: 09/17

Template Version A

wollongong



Princes Highway, Unanderra – Level Crossing Road Closure Construction Traffic Management Plan – Page 4 of 8



8.7 080221 TGS 3 - Princes Hwy - Detour Route



Uncontrolled when Printed

Page 30 of 40

lssue: 09/17

Construction Traffic Management Plan (CTMP) R2 - Princes Hwy, Unanderra

Template Version A

- TGS 3

080221

PLAN REF NO:

Ř

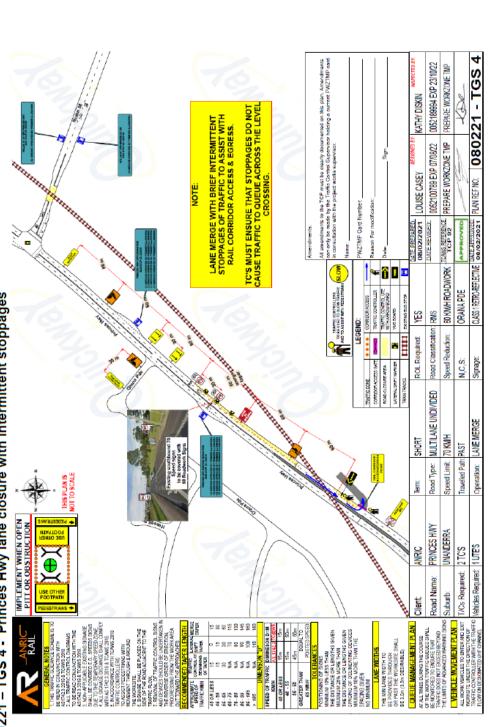


Princes Highway, Unanderra – Level Crossing Road Closure Construction Traffic Management Plan – Page 5 of 8



wollongong

8.8 080221 – TGS 4 - Princes Hwy lane closure with intermittent stoppages



Princes Highway, Unanderra – Level Crossing Road Closure Construction Traffic Management Plan – Page 6 of 8

Minutes of City of Wollongong Traffic Committee

Uncontrolled when Printed

Page 31 of 40

lssue: 09/17

Construction Traffic Management Plan (CTMP) R2 - Princes Hwy, Unanderra

Template Version A

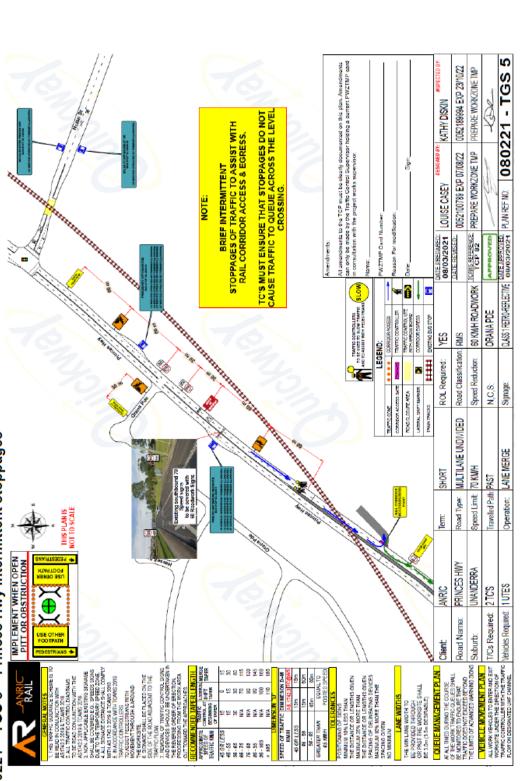


Integrated Management System

V

wollongong

8.9 080221 – TGS 5 - Princes Hwy intermittent stoppages



Construction Traffic Management Plan (CTMP) R2 - Princes Hwy, Unanderra Template Version A

Princes Highway, Unanderra – Level Crossing Road Closure Construction Traffic Management Plan – Page 7 of 8

Uncontrolled when Printed

Page 32 of 40

lssue: 09/17

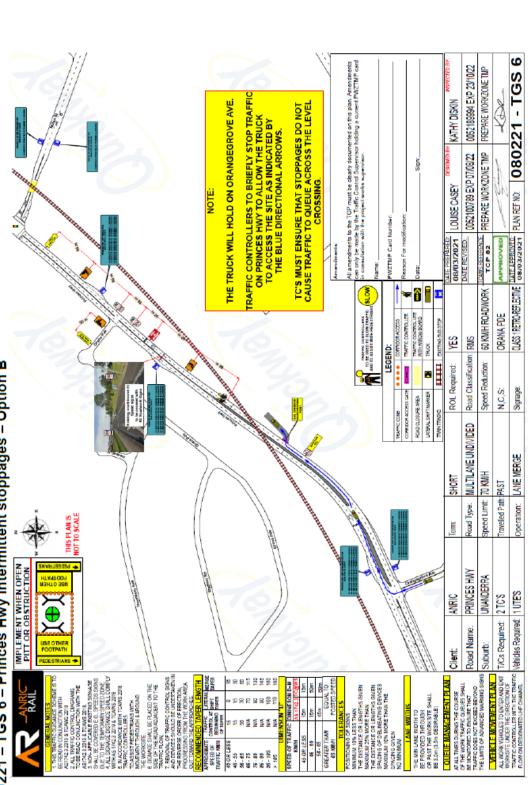


Integrated Management System

V

wollongong





Page 33 of 40 lssue: 09/17

Construction Traffic Management Plan (CTMP) R2 - Princes Hwy, Unanderra Template Version A

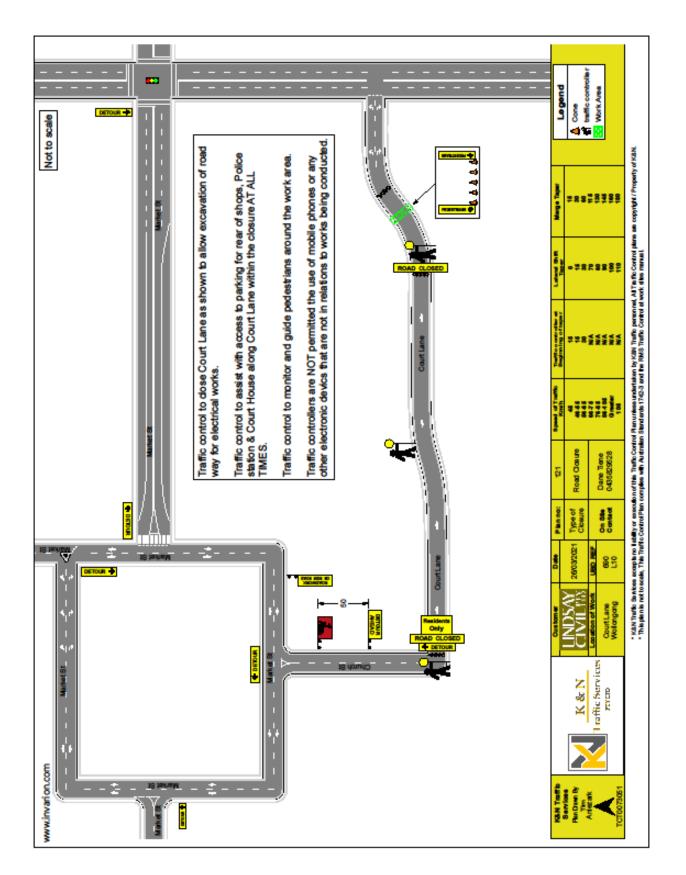
Uncontrolled when Printed

Princes Highway, Unanderra - Level Crossing Road Closure Construction Traffic Management Plan - Page 8 of 8

20 April 2021



Court Lane, Wollongong - Traffic Control Plan

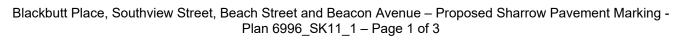


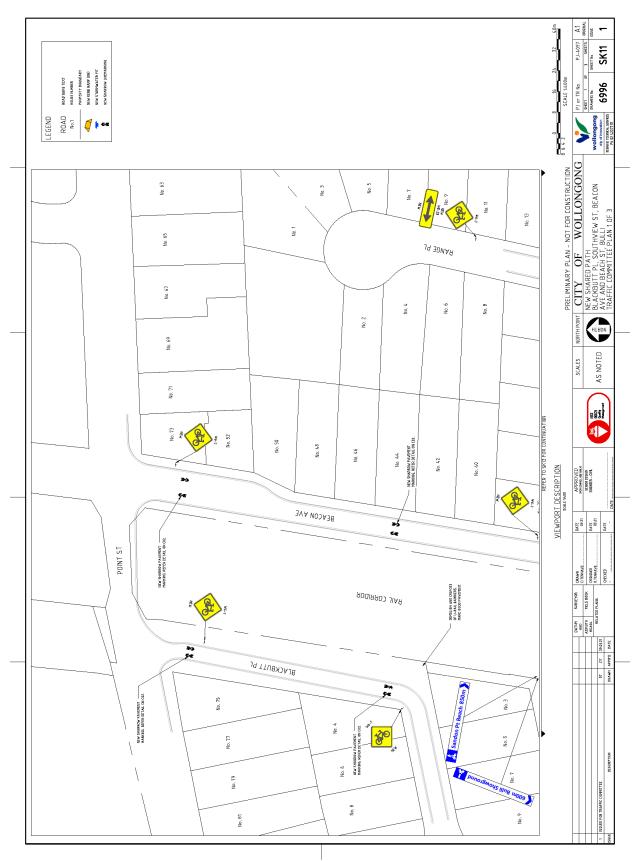


SUBDIVISION WORKS CERTIFICATE **S** Γ • DANKES RO 5 à Contra la contra 6 24 10 11 337 12 12 ♦ 8 Ę BUBDINEN OF LOT 348 WITHIN REORDERED LOT 552 D.P.1252255 8 100 and 100 an $\overline{\mathbf{3}}$ ROAD No.11 87 ÿ 8 ROAD No.10 8 401 PLAN rout use 10 2 STREET NOW 197 ş ÷ Ę. 뛽 F,oN GAOR 810 112 8 8 Ş 1000 10 <u>10</u> n In $\frac{1}{2}$ AN INC. NO 2.0N GAOR ş 8 200 8 82 2 TRUCK 8 4 101 TROOM IN Transferrations Transferration AMP. LEGEND 111 EQN II ON GYON đ

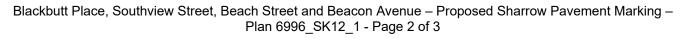
Darkes Road, Kembla Grange - Sanctuary Views Stage 4 - Plan 1799C-CC-S4-0601

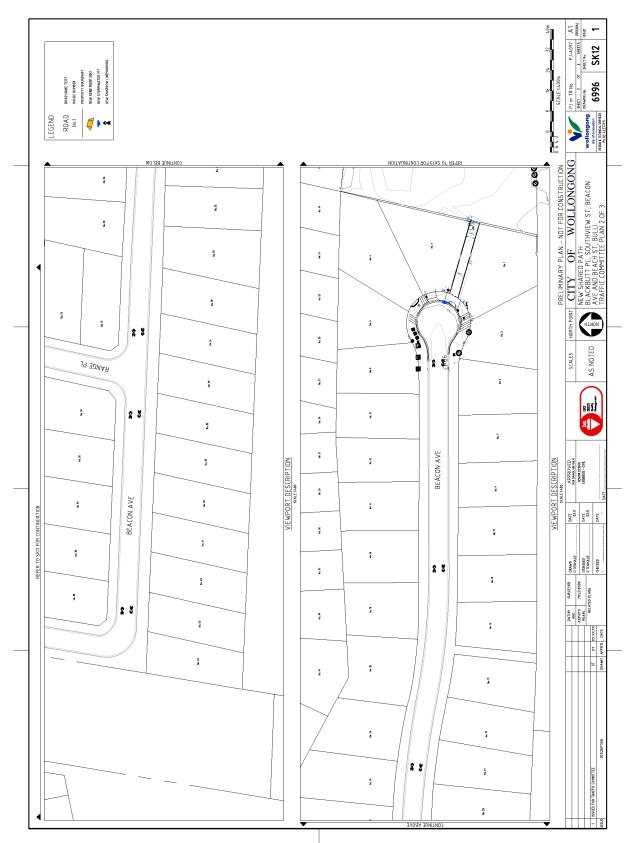
wollongong





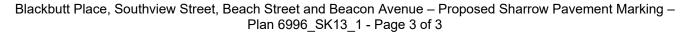
wollongong

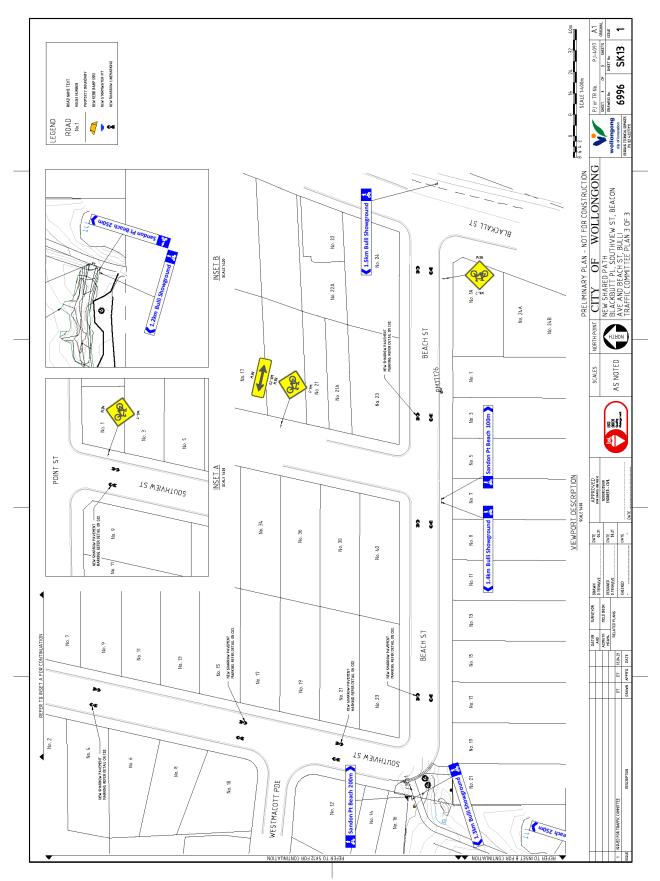




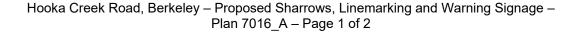
wollongong

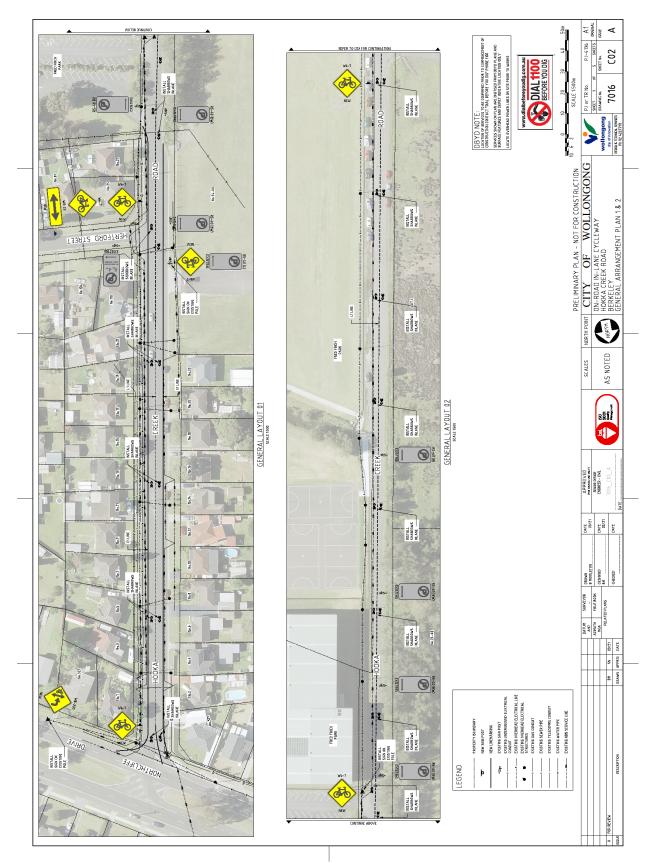






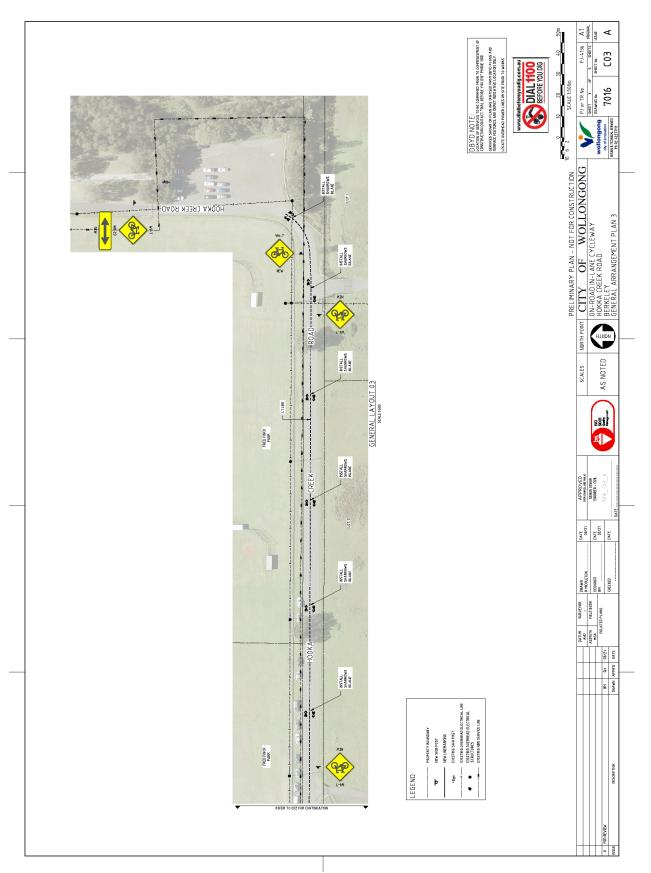






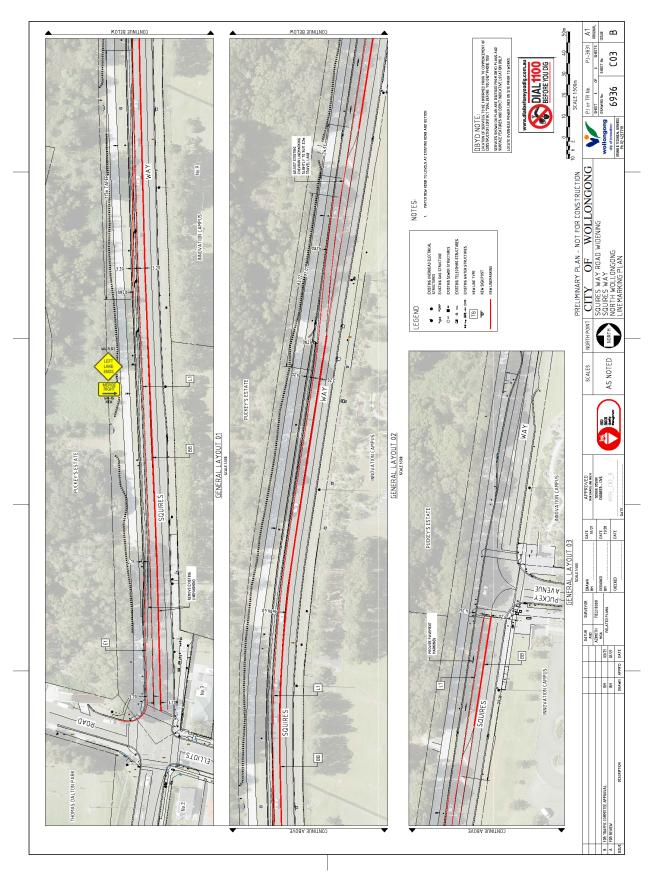


Hooka Creek Road, Berkeley – Proposed Sharrows, Linemarking and Warning Signage – Plan 7016_A – Page 2 of 2

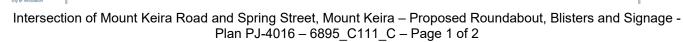


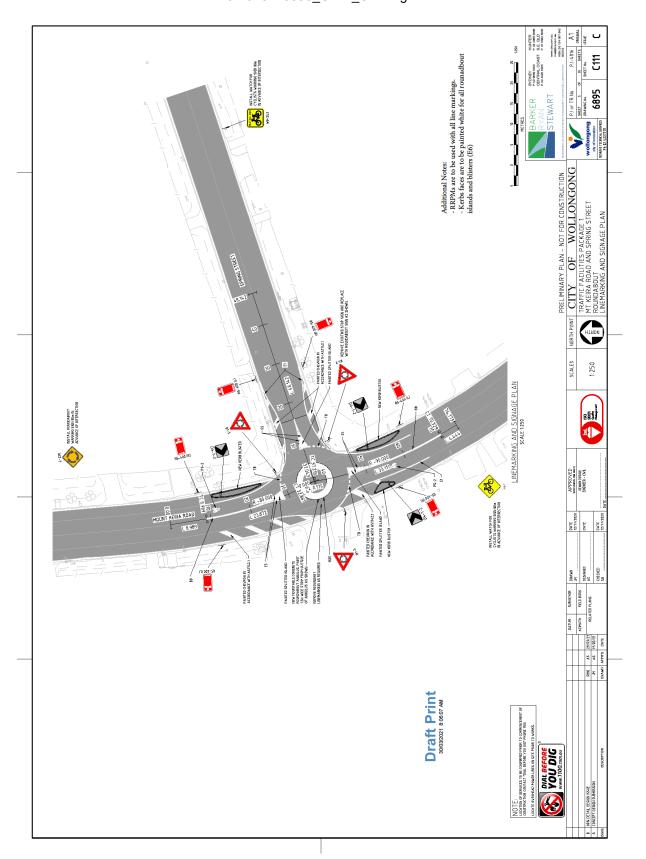


Squires Way from Elliots Road to Puckey Avenue, North Wollongong – Proposed Signage/Linemarking and Kerb – Plan 6936_CO3_B

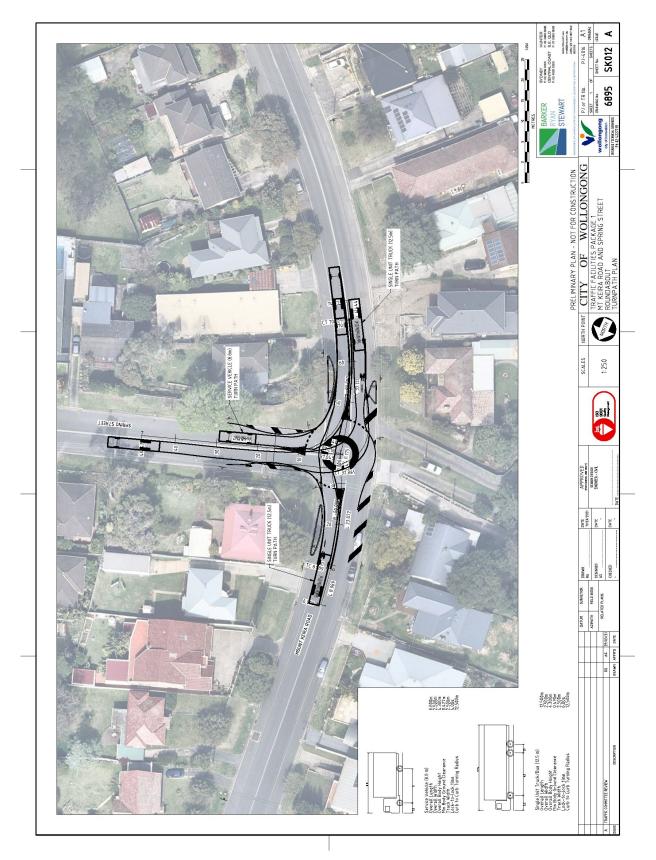


wollongong



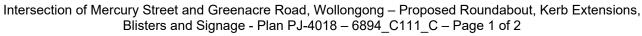


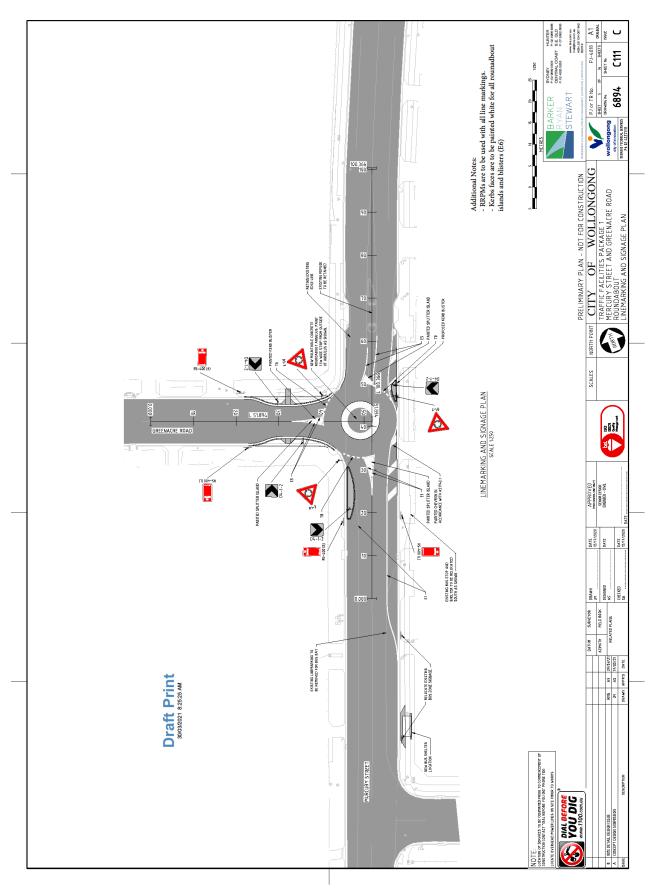




Intersection of Mount Keira Road and Spring Street, Mount Keira – Proposed Roundabout, Blisters and Signage -Plan PJ-4016 – 6895_SK012_A – Page 2 of 2

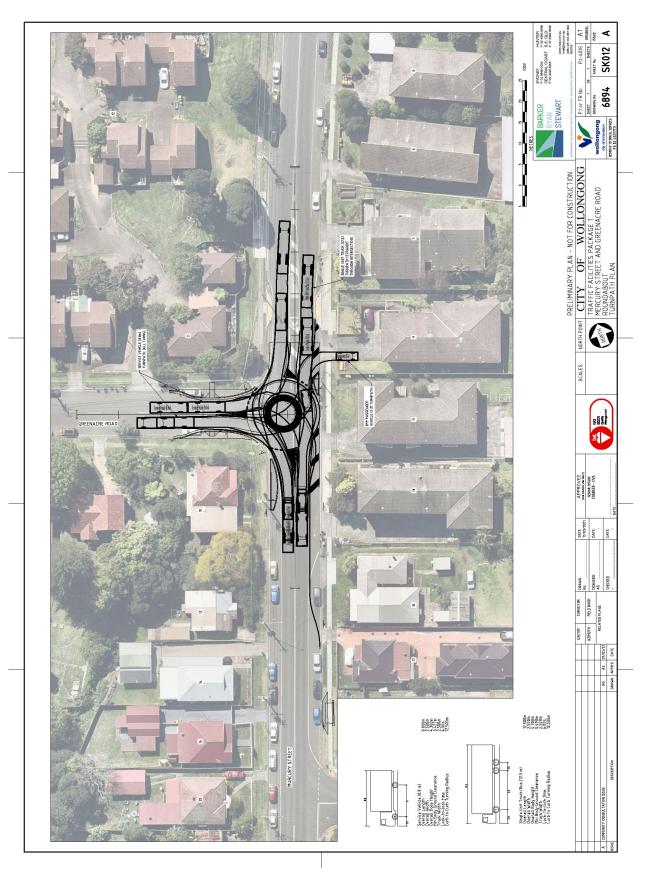






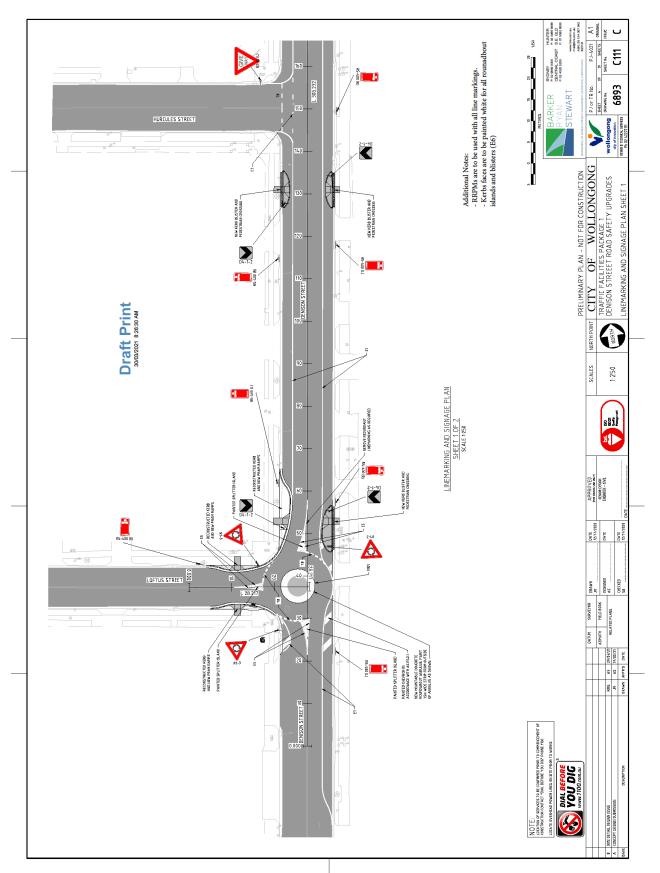


Intersection of Mercury Street and Greenacre Road, Wollongong – Proposed Roundabout, Kerb Extensions, Blisters and Signage - Plan PJ-4018 – 6894_SK012_A – Page 2 of 2

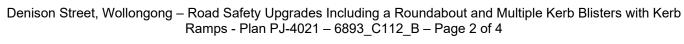


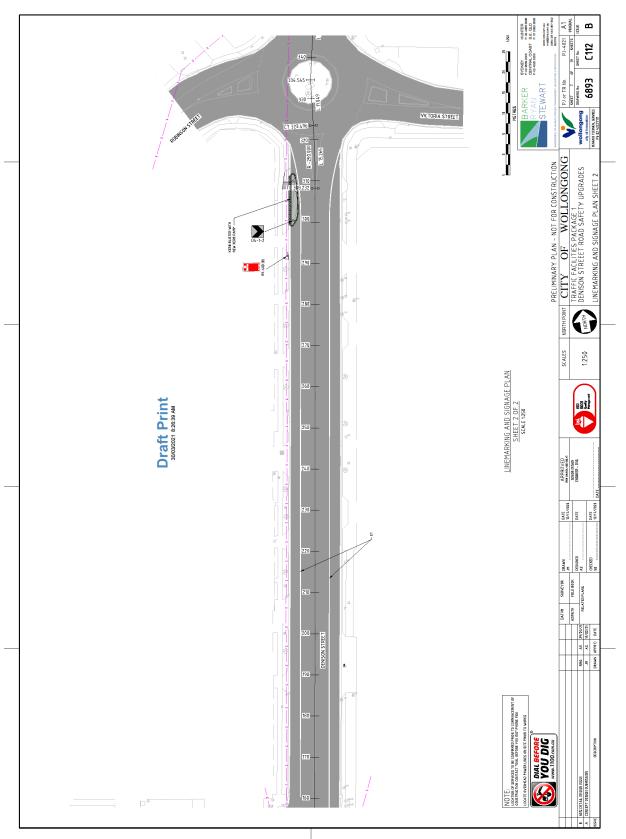
wollongong











wollongong









