ENGINEERING SERVICES REPORTS PRESENTED TO THE BLAYNEY SHIRE COUNCIL MEETING HELD ON MONDAY, 12 MARCH 2012



07) <u>BLAYNEY TO BATHURST (B2B) CYCLO SPORTIF</u> (Director Engineering)

RECOMMENDED:

- 1. That Council approve:
 - a. the Blayney to Bathurst (B2B) Cyclo Sportif event between Blayney, Millthorpe and Bathurst, on Sunday 22 April 2012. The events have been classified as Class 1 event and approved subject to conditions as detailed in the Director Engineering's report.
 - b. the temporary closure of local roads in Blayney and Millthorpe to facilitate the safe running of the event, as outlined in the Director of Engineering's report.

<u>REPORT</u>

Executive Summary

Council has received an application from Cycling New South Wales in conjunction with the Rotary Club of Bathurst Daybreak Incorporated to stage the Blayney to Bathurst (B2B) cycling event on Sunday 22 April 2012.

The Blayney Local Area Traffic Committee have considered the application, and the following report has been prepared for Council consideration.

Background Information

In previous years, two events have commenced in Carrington Park, Blayney and finished at the pit complex at Mount Panorama, Bathurst. The events consist of the following:-

- a) Long Course Class 1. An open road timed event conducted as a staggered mass start of approximately 800 riders seeded according to ability. This event starts at 8.30am.
- Short Course Class 1. An open road timed event conducted as a staggered mass start of approximately 800 riders seeded according to ability. This event starts at 10.00am.

In 2012, the Rotary Club of Bathurst Daybreak Incorporated propose to undertake an additional event, the:-

a) Extreme Course Class 1. An open road timed event conducted as a staggered mass start of approximately 400 riders seeded according to ability. This event starts at 8.30am. This traverses a course from Blayney to Millthorpe, through the Village via Blake, Pym and Victoria Streets, along Forest Reefs Road to Forest Reefs, along Tallwood and Carcoar Roads, returning to Blayney via Millthorpe, and then continues to Bathurst via the Long Course route.

As indicated on the attached map of the course, it was initially proposed to also undertake an Elite Race over the Extreme course, however at the request of Cycling NSW, the B2B organising committee has agreed to defer this to 2013.

The B2B Committee has advised that NSW Police have agreed to provide escort vehicles for the events. It is also proposed to have civilian motorcycle escorts.

The participants are required to comply with all road and traffic rules. The Marshals assigned to these events are not to control or affect the normal movement of traffic, but are to provide direction and assist in the running of the event.

Under the Roads and Traffic Authority "Guide to Traffic and Transport Management for Special Events" (version 3.4) dated 2 August 2006, the Long, Short and Extreme Course events are defined as Class 1 which requires the Traffic Committee's consideration. If the Committee agrees with the event proceeding a recommendation will be made to Council that the events proceed, subject to the following conditions.

- a. The Traffic Management Plan as submitted will be implemented, and the "Guide for Bicycle Road Races" NSW 1 January 2004, followed.
- b. Approval is to be obtained from Road and Maritime Services Traffic Operations Manager.
- c. All appropriate warning signage complying with AS1742, will be placed by persons qualified to do this, including "Cyclists Ahead" signs at intersections
- d. Escort vehicles to be leading and following the participants at all times.
- e. Approval is to be obtained from NSW Police, with all instructions given by Police obeyed.
- f. Council is to be provided with a copy of a \$20M Public Liability Insurance Policy indicating Blayney Shire Council's interests, with the date and location of the event.
- g. The Event Organiser is to notify all Emergency Services of the event including Blayney Hospital.
- h. The Event Organiser is to notify business proprietors and residents affected by the event at least 7 days prior to the event.
- i. The Event Organiser is to comply with the requirements of the "Guide to Traffic and Transport Management for Special Events" (version 3.4), 2 August 2006, for a Class 1 event.
- j. The Event Organiser is to notify Cadia Valley Operations of the event, and request that all employees and contractors of Cadia Valley Operations be notified of the event.

Road Closures

The Blayney 2 Bathurst event organising committee proposes to temporarily close the following streets on Sunday 22 April 2012:-

Blayney		Close	Open
Osman Street	Church – Ogilvy Street	6:00am	10:30am
Millthorpe			

This is Page No. 51 of the Business Paper of the Ordinary Council Meeting of Blayney Shire Council held on 12 March 2012

Blake Street	Park - Pym Street	8:30am	10:30am
Pym Street	Blake – Victoria Street	8:30am	10:30am
Victoria Street	Park Street – Glenorie Road	8:30am	10:30am

In order to manage vehicular parking in the streets of the Millthorpe Village it is proposed to install temporary barriers the day prior to the event.

Council's 2010-2015 Management Plan identifies the current fee for the advertising of the temporary road closure to be \$150.00 Inc GST. This has been incorporated into the costs considered in the report provided to the October 2011 ordinary meeting of Council.

BUDGET IMPLICATIONS

Nil.

POLICY IMPLICATIONS Nil.

Attachments

1 Blayney to Bathurst Information 4 Pages

08) <u>B DOUBLE ROUTE (25M) - MALLOWGROVE ROAD</u> (Operations Manager)

RECOMMENDED:

1. That the report of the Blayney Traffic Committee be received and Council refuse the application for B Double access along Mallowgrove Road.

<u>REPORT</u>

Background Information

Council has received an application for a 25m B-Double route from Hobbys Yards Road (MR390) to 339 Mallowgrove Road.

The applicant anticipates that only 1-2 trips per year would occur along this route.

MR390 is currently a gazetted B-Double route, with no current route available along the length of Mallowgrove Road.

Report

In accordance with the Roads and Maritime Services (RMS), "Guide to the delegation to councils for the regulation of traffic", Council referred the matter to the Blayney Traffic Committee for investigation and response.

Council utilises the *Route Assessment Guidelines for Restricted Access Vehicles* (The Guidelines), available from Roads and Maritime Services (RMS) to assess applications for Restricted Access Vehicles (RAVs).

The Guidelines provide a detailed assessment procedure to ensure that the proposed route provides a suitable level of safety to both the RAV, and the general road using public. Council needs to consider the current pavement width of the road, traffic volumes, and sight distance at intersections and terminals.

Currently Mallowgrove Road is constructed with a pavement width of 4.5m – 5.0m of gravel pavement. Whilst Council does not have any formal traffic counts on Mallwgrove Road, it is expected that the traffic volumes would be <100 Average Annual Daily Traffic (AADT).

Based on the traffic volumes, The Guidelines suggest a minimum pavement width of 5.5m on straight alignments, and the width on curves to be suitable for the swept path of the vehicle. No analysis was undertaken on the swept paths through the curves of Mallowgrove Road.

The Guidelines also require the proposed terminal(s) to be constructed to a standard suitable for the RAV that the application is made for. The terminal at the destination is considered suitable for b-doubles, with a large entry provided for the vehicles, and a suitable 'cattle grid' provided at the boundary.

It is noted that sight distance from the terminal is adequate to the north of the terminal, however is not considered adequate to the south of the terminal, particularly given the gravel surface of the road that necessitates a longer stopping sight distance.

It is therefore recommended that that the application for a 25m (4.6m high) B-Double route along Mallowgrove Road from MR390 to 339 Mallowgrove Road be refused due to the current pavement width, and the inadequate sight distance available at the terminal.

BUDGET IMPLICATIONS

Nil effect.

POLICY IMPLICATIONS Nil effect.

Attachments Nil **09**)

DISCOVER ORANGE - BICYCLE NSW DISCOVERY WEEKEND

(Director Engineering)

RECOMMENDED:

 That Council approve the Discover Orange Bicycle Weekend event on Blayney Shire Local Roads between Forest Reefs, Errowanbang, Neville, Blayney and Millthorpe, on Sunday 25 March 2012. The events have been classified as Class 1 event and approve subject to conditions as detailed in the Director Engineering's report.

<u>REPORT</u>

Executive Summary

Council has received an application from Bicycle NSW to stage the Discover Orange Bicycle Weekend cycling event over the weekend of 23 – 25 March 2012.

The Blayney Local Area Traffic Committee have considered the application, and the following report has been prepared for Council consideration.

Background Information

Bicycle New South Wales Inc. is a dynamic not-for-profit community organisation. It reportedly has a growing membership of over 11,500 and is committed to increasing bicycle safety and gaining improved cycling conditions

Bicycle NSW run a number of events and programs, including the Sydney Spring Cycle, Gear Up Girls Challenge, Safe Cycle workshops, and Discovery Long Weekends.

The Discover Orange weekend, is a regional weekend centred around Orange, and makes use of local accommodations options and amenities. The weekend will offer road rides of different lengths, mountain bike rides, discovery bike rides and classic road rides, with options for everyone.

Amongst the proposed rides are rides that will traverse the Blayney Shire, allowing participants to visit such locations as Blayney, Millthorpe, Carcoar and Forest Reefs.

Bicycle NSW is looking to adopt the Western Care Lodge as the event official charity.

The Control point of the event will be the Event Coordination Centre (ECC), to be located at the central hub for the event, Emus Rugby Park, Endeavour Oval, Woodward Road Orange.

As part of the Event Management Plan, Bicycle NSW advise that mail box drops will be undertaken on all routes, and through media releases to inform communities that may be affected by the event.

Two events will use Blayney State and Local Roads on Sunday 25 March 2012, including:

- a) Explorers Ride Class 1. A loop ride (65km) commencing at 8:00am at Endeavour Oval, participants travel from Orange to Forest Reefs via Forest Reefs Road, and then to Millthorpe before returning to Orange via Spring Hill, Lucknow and Huntley.
- b) Classic Road Ride Class 1. A loop ride (135km) commencing at 7:00am at Endeavour Oval, participants travel from Orange to Forest Reefs, Errowanbang, Mandurama (via Burnt Yards), Neville, Blayney (via Neville Road), and then to Millthorpe, before returning to Orange via Spring Hill, Lucknow and Huntley.

The two routes can be seen on the attached maps.

Bicycle NSW will be working with a first aid provider to provide all first aid and emergency medical needs for the event, with first aid crews stationed at major rest stops, including Forest Reefs Tavern, Blayney Public School and Millthorpe Public School

The participants are required to comply with all road and traffic rules. The Marshals assigned to these events will be located at critical intersections, and are not to control or affect the normal movement of traffic, but are to provide direction and assist in the running of the event.

Under the Roads and Traffic Authority "Guide to Traffic and Transport Management for Special Events" (version 3.4) dated 2 August 2006, the Explorers and Classic Road Ride events are defined as Class 1 which requires the Traffic Committee's consideration. If the Committee agrees with the event proceeding, a recommendation will be made to Council that the events proceed, subject to the following conditions.

- a. The Traffic Management Plan as submitted will be implemented, and the "Guide for Bicycle Road Races" NSW 1 January 2004, followed.
- b. Approval is to be obtained from Road and Maritime Services Traffic Operations Manager.
- c. All appropriate warning signage complying with AS1742, will be placed by persons qualified to do this, including "Cyclists Ahead" signs at intersections
- d. Escort vehicles to be leading and following the participants at all times.
- e. Approval is to be obtained from NSW Police, with all instructions given by Police obeyed.
- f. Council is to be provided with a copy of a \$20M Public Liability Insurance Policy indicating Blayney Shire Council's interests, with the date and location of the event.

- g. The Event Organiser is to notify all Emergency Services of the event including Blayney Hospital.
- h. The Event Organiser is to notify business proprietors and residents affected by the event at least 7 days prior to the event.
- i. The Event Organiser is to comply with the requirements of the "Guide to Traffic and Transport Management for Special Events" (version 3.4), 2 August 2006, for a Class 1 event.
- j. The Event Organiser is to notify Cadia Valley Operations of the event, and request that all employees and contractors of Cadia Valley Operations be notified of the event.

BUDGET IMPLICATIONS

Nil.

POLICY IMPLICATIONS

Nil.

Attachments

1 Discover Orange Maps 2 Pages

10) UPDATE ON GARLAND ROAD BRIDGE REPLACEMENT (Operations Manager)

RECOMMENDED:

1. That Council receive and note the progress on Garland Road Bridge replacement

<u>REPORT</u>

Executive Summary

Progress has been made towards to replacement of the Garland Bridge in the 2012/2013 financial year. Preliminary works have commenced as detailed below.

Background

Councillors may recall the report submitted in December 2011 regarding the condition of three (3) timber bridges within the shire, and approval of funding to replace Garland Road Bridge in the 2012/2013 financial year.

Report

Following the decision to replace Garland Road Bridge, Councils Engineering Staff have commenced the preliminary stages of the project to enable it to be completed early in the 2012/2013 financial year.

Due to the nature of the route that Garland Road provides, it was considered necessary to provide a heavy vehicle bypass around the bridge to ensure suitable access is maintained to properties along Garland Road once the 4 tonne load limit was imposed.

A gravel bypass with corrugated steel pipe was installed as a matter of priority in December 2012 to provide access for heavy vehicles, these works can also be used as the bypass for the bridge when construction on the replacement begins.

A Request For Quotation (RFQ) has been developed and distributed for the detail survey, hydraulic analysis and design to determine the required bridge location and height above Grubbenbun Creek.

These works will provide Council with suitable information to enable an informed decision to be made with regards to the bridge location and level to provide a safer route for motorists, and potentially reduced risk of the bridge overtopping with flows through Grubbenbun Creek.

Council will receive responses to the quotation by the 20 March 2012, with the successful consultant required to complete the works within 8 weeks of acceptance.

Engineering Staff have also been in contact with a potential supplier for timber bridge repairs and replacements. This supplier utilises glued laminated

(glulam) timber beams, with extensive treatment to ensure suitable rotting resistance. It is considered that with appropriate attention to the design to ensure that all timber beams have space available to 'breathe' then a 75 year design life can be obtained.

The timber bridge system provides suitable loading capacity for all general access vehicles up to 44 tonne mass, and could offer a saving on the construction costs of the bridge. Engineering Staff will continue to assess all available options for construction, with a focus on minimising capital expenditure, and whole of life costs of the proposed replacement bridge.

BUDGET IMPLICATIONS

Nil effect

POLICY IMPLICATIONS Nil effect

<u>Attachments</u> Nil

11) <u>UPDATE ON MACHINE GUIDANCE PURCHASE</u> (Operations Manager)

RECOMMENDED:

1. That Council receive and note the purchase of a GNSS machine guidance system for the Caterpillar 12M grader.

<u>REPORT</u>

Following extensive trials and consultation with Council's grader operators, the decision was taken to purchase the machine guidance system.

Councillors may recall the report submitted in December 2011 to gain funding approval for the purchase of a machine guidance system for Council's 12M Grader. Quotations had been undertaken, and at the time evaluation of purchasing was underway.

Following the decision to hire the machine guidance equipment with an option to purchase, Council Engineering and Operations Staff have been assessing the functionality of the equipment and the benefits it offers.

Based on the two (2) projects completed, and a third project 90% complete, the decision has been made to continue with the purchase of the machine guidance and survey equipment from C.R. Kennedy Survey Solutions.

The system has demonstrated significant staffing savings by greatly reducing, and in some instance removing entirely, the need for detailed set out on the construction jobs. Additionally, the results on the road obtained by utilising the equipment is considered acceptable with regards to the accuracy of the levels when grading, with visibly improved cross fall and crown on the roads constructed utilising this system.

It is considered that this technology will reduce the construction costs of Councils roads, allow better utilisation of professional and operational staff time, improve the safety of the motoring public, and also provide a savings in the ongoing maintenance of roads that will be constructed utilising this technology.

The total cost of purchase will be \$105,867 Inc GST, Councillors should note a saving of \$4,798 over the initial quoted price due to removing an optional software package. This will be funded from Council's Plant Reserve, and will be treated as an item of plant and hired out accordingly.

BUDGET IMPLICATIONS

As approved in December meeting

POLICY IMPLICATIONS Nil effect

Attachments Nil

ATTACHMENT NO: 1 - BLAYNEY TO BATHURST INFORMATION

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ITEM NO: 07

BLAYNEY SHIRE COUNCIL JUL 1 9 2011



ROTARY CLUB OF BATHURST DAYBREAK PO Box 1700, Bathurst NSW 2795



President Garry Taunton (02) 6332 8463

Secretary Debbie Schache (02) 6331 8120



12 July 2011

Mr Grant Baker Acting General Manager Blayney Shire Council PO Box 62 BLAYNEY NSW 2799

<u>RE: 2012 NAB Blayney to Bathurst (B2B) Cyclo Sportif Challenge</u> <u>National Series Road Cycling Race</u> <u>and weekend of cycling at Mount Panorama (the event)</u>

Dear Grant,

On behalf of the Rotary Club of Bathurst Daybreak Inc., I would like to express our appreciation to Blayney Shire Council for the ongoing support for our major annual fund raising event, being the nab B2B Cyclo Sportif Challenge.

For 2012 we would like to extend the event to the next level with the inclusion of an additional Extreme Challenge Cyclo Sportif and Elite Cycle Race, with a total distance of 170km.

The <u>attached</u> map shows the additional extended course which is entirely within the area of Blayney Shire Council.

For 2012, the weekend of Cycling will now include the following events:

Saturday 21 April 2012

NSW Hill Climb Championships (Mount Panorama) State Criterium Racing Carnival ("The Pit's" Mount Panorama)

110716-Blayney-Council-Req-Support

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Sunday 22 April 2012

20km Family Challenge Mount Panorama / Charles St	urt University
Nab B2B Cyclo Sportif Challenge Short Course	– 70 km
Nab B2B Cyclo Sportif Challenge Long Course	– 110 km
Nab B2B Cyclo Sportif Extreme Challenge	– 170km
Nab B2B ELITE RACE Extreme Course	– 170km

Monday through to Saturday (following these events)

Cycling NSW Junior Cycling Development Camp Mount Panorama and Bathurst / Blayney Region

The Organising Committee is working to raise the bar in the promotion of this event and also to raise the profile towards national status. To achieve this we will need further assistance from Council. It should be noted that with an expanded format will come additional growth of this event. Undoubtedly this will also provide an increasing economic benefit to the Blayney and Bathurst communities.

Accordingly, for the 2012 nab B2B Cyclo Sportif Challenge we once again request Blayney Shire Councils "in-kind" support.

Listed below are specific details of support required from Council to conduct our event in 2012:

Event Date Approval

We propose that the dates for the 2012 events are:

Saturday 21 April 2012 and Sunday 22 April 2012

Traffic Control Planning

We request that Blayney Shire Council take on a supportive role in the Traffic Control Planning and approval process.

B2B Cyclo Sportif Event Needs (Sunday 22 April 2012)

- Access to Carrington Park
- Access to power at the start of the event
- Road closures at Carrington Park and Milthorpe (as per Traffic Control plans)
- Provision of Traffic Control Services, both in Blayney and covering the Extreme Challenge extension to the event (as per the <u>attached</u> map).
- Access to the Swimming complex for event registration toilets, etc.

It would be greatly appreciated if you can forward this request to the relevant Departments within Council for consideration and, we hope, approval.

110716-Blayney-Council-Req-Support

2

ATTACHMENT NO: 1 - BLAYNEY TO BATHURST INFORMATION

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I would like to again thank Council in anticipation of Council's assistance in ultimately ' building this event into a national sporting event of significance for the Blayney/Bathurst Regions.

Yours faithfully

Garry Taunton

Made Garry Taunton

Rotary Club of Bathurst Daybreak Inc. nab B2B Cyclo Sportif Organising Committee

110716-Blayney-Council-Req-Support

3

ATTACHMENT NO: 1 - BLAYNEY TO BATHURST INFORMATION

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Route Sectors
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Sector	Sector Start Location	Sector End Location	Sector Duration	Sector Distance
А	Endeavour Oval – Woodward Road	Forest Road & Huntley Road	0700-1600	3.21km
В	Forest Road & Huntley Road	Forest Reefs Road, Long Swamp Road & Tallwood Road	0700-1100	18.79km
С	Forest Reefs Road, Long Swamp Road & Tallwood Road	Victoria Street, Park Street & Millthorpe Road	0730-1300	9.97km
G	Victoria Street, Park Street & Millthorpe Road	Beasley Road & Mitchell Highway	0745-1445	13.87km

ATTACHMENT NO: 1 - TRANSPORTATION ASSET MANAGEMENT PLAN

ITEM NO: 13



Route Sectors

Sector	Sector Start Location	Sector End Location	Sector Duration	Sector Distance
А	Endeavour Oval – Woodward Road	Forest Road & Huntley Road	0700-1600	3.21km
В	Forest Road & Huntley Road	Forest Reefs Road, Long Swamp Road & Tallwood Road	0700-1100	18.79km
С	Forest Reefs Road, Long Swamp Road & Tallwood Road	Beneree Flyers Creek Road, Carcoar Errowanbang Road & Burnt Yards Errowanb Road	0715-1145	14.15km
D	Beneree Flyers Creek Road, Carcoar Errowanbang Road & Burnt Yards Errowanb Road	Mandurama Neville Road & Blayney Shaw Neville Road	0745-1230	31.63km
E	Mandurama Neville Road & Blayney Shaw Neville Road	Barry Road & Martha Street (Mid- Western Highway)	0800-1300	24.32km
F	Barry Road & Martha Street (Mid-Western Highway)	Park Street, Victoria Street & Millthorpe Road	0830-1345	13.35km
G	Park Street, Victoria Street & Millthorpe Road	Beasley Road & Mitchell Highway	0745-1445	13.87km
н	Beasley Road & Mitchell Highway	Huntley Road & Forest Road	0800-1530	15.5km

ENVIRONMENTAL SERVICES REPORTS PRESENTED TO THE BLAYNEY SHIRE COUNCIL MEETING HELD ON MONDAY, 12 MARCH 2012



12) <u>PANUARA WASTE SERVICES</u> (Acting Director Environmental Services)

RECOMMENDED:

- 1. That Council note the report; and
- 2. That Council endorse the waste strategy for Panuara

<u>REPORT</u>

Council at present provides a skip bin for the removal of household garbage at Panuara this has been in operation for some time and Council meets the cost of this service and properties are levied the waste access small fee for use of the facility. A check of Council's records has failed to reveal either any development approval for a waste transfer station at the Panuara reserve or any license from the Department of Environment and Climate Change (EPA).

Following receipt of complaints and written advice from the Trustees of the Panuara Reseve on the state of the skip and recent site inspections have revealed that the skip bin is being abused with rubbish scattered around the area (see attached photos). The trustees have now requested that the skip bin be removed from the trustees ground due to the ongoing misuse of the skip bin.

Negotiations with J R Richards and Sons have resulted in a service being able to be provided on a weekly garbage service and a fortnightly recycling service for the eighteen (18) properties identified on the proposed route (See attachment proposed route).

The new garbage service works out approximately three times the cost of Councils normal domestic garbage service charge.

Newcrest have indicated that they would be approachable to funding part of any additional costs for such new garbage service for the Panuara area.

It would be prudent for Council to discontinue this unauthorised and unwanted skip bin service and declare the area a garbage service area and charge residents the Council domestic waste charge, with such service being commenced from 1 July 2012 after each of the properties identified be written to explaining the new service and Newcrest be approached for any shortfall in costs to Council in providing the new garbage service for the Panuara area.

BUDGET IMPLICATIONS

Nil

POLICY IMPLICATIONS Nil

Attachments

Nil







This is Page No. 72 of the Business Paper of the Ordinary Council Meeting of Blayney Shire Council held on 12 March 2012

panuara - Google Maps

Page 1 of 1



This is Page No. 73 of the Business Paper of the Ordinary Council Meeting of Blayney Shire Council held on 12 March 2012