

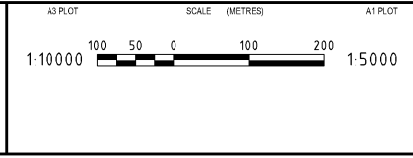
- LEGEND**
-  NCA DESIGNATED LAND
 -  STROMLO FOREST PARK
 -  RESIDENTIAL RZ1 SUBURBAN
 -  RESIDENTIAL RZ4 MEDIUM DENSITY
 -  RESIDENTIAL RZ5 HIGH DENSITY
 -  COMMERCIAL CZ1 CORE
 -  COMMERCIAL CZ4 LOCAL CENTRE
 -  URBAN OPEN SPACES PRZ1
 -  TAMS LAND
 -  S21 BOUNDARY
 -  DESIGNATED LAND BOUNDARY

MOLONGLO 2 GROUP CENTRE
BULK EARTHWORKS STAGE 1
SITE REFER INDESCO
5091-05 DRAWING SERIES
FOR DETAILS.

FILE: H:\C:\000\13107\drawings\13107-006-BOUNDARY PLAN.dwg 31st-Apr-2014 2:48PM USER: Tim de Pui

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
A	TDP	LAG			11/03/14
B	TDP				09/04/14
C					
D					
E					
F					

AMENDMENT DETAILS	
ROAD 5 NOTE ADDED	



WAE No. _____
PROJECT No. _____

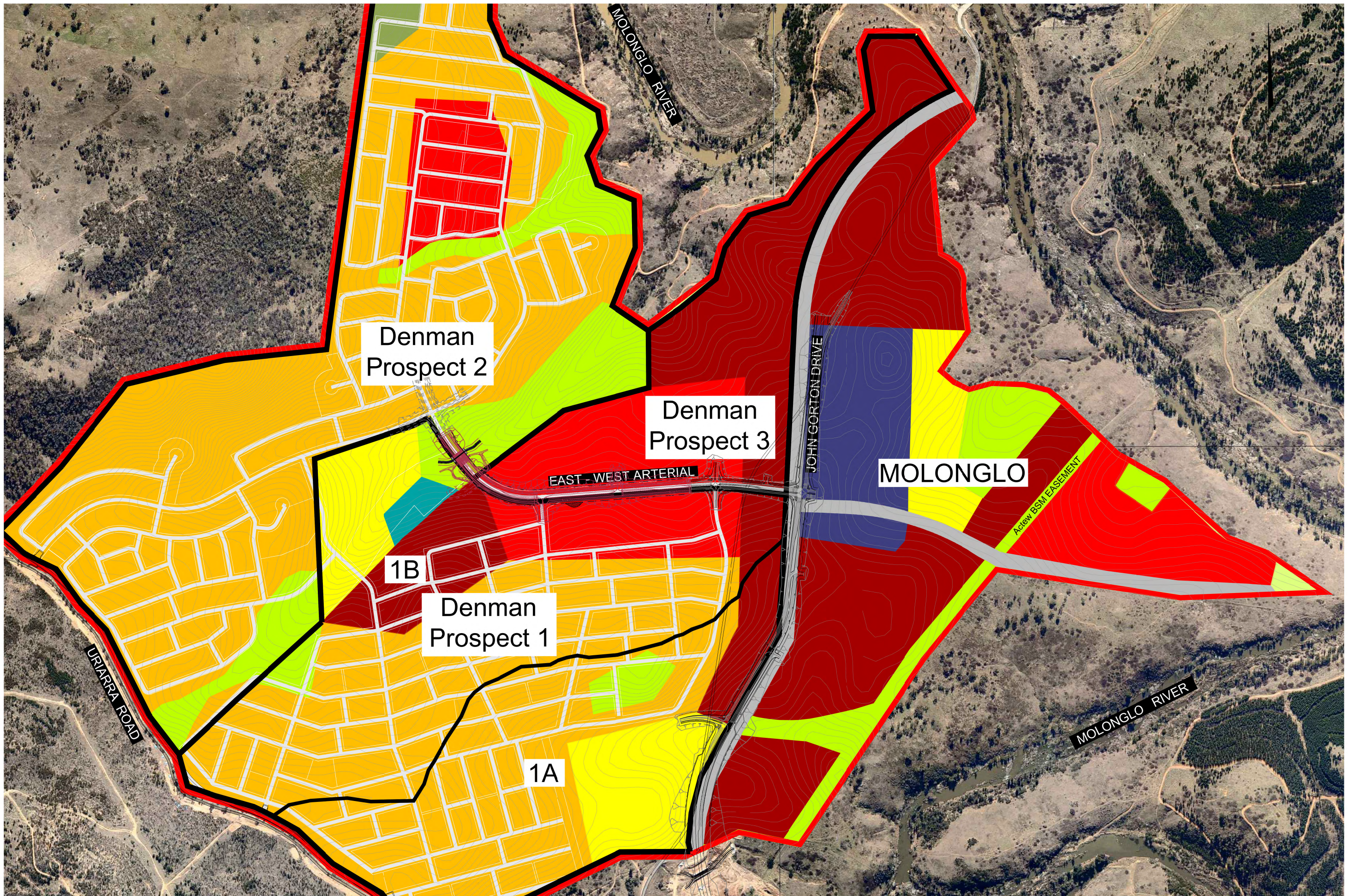


CLIENT ACT Government
Economic Development

PROJECT EAST WEST ARTERIAL
STAGE 2



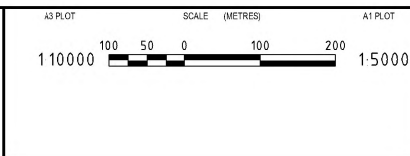
DRAWING TITLE BOUNDARY AND ZONING PLAN	
DRAWING NUMBER C13107-006+	AMEND. A



FILE: H:\C13000\C13107\drawing\C13107-007-DENMAN PROSPECT.dwg 11th-Mar-2014 2:47PM USER: leonard.griffiths
 Xref's: X-EXKERB-C13107 X-A1-C13107 X-DESIGN-C13107 X-RDNAME-C13107 X-SURVEY-C13107 X-EXCONT-C13107

ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
A					11/03/14
B					
C					
D					
E					
F					

AMENDMENT DETAILS	



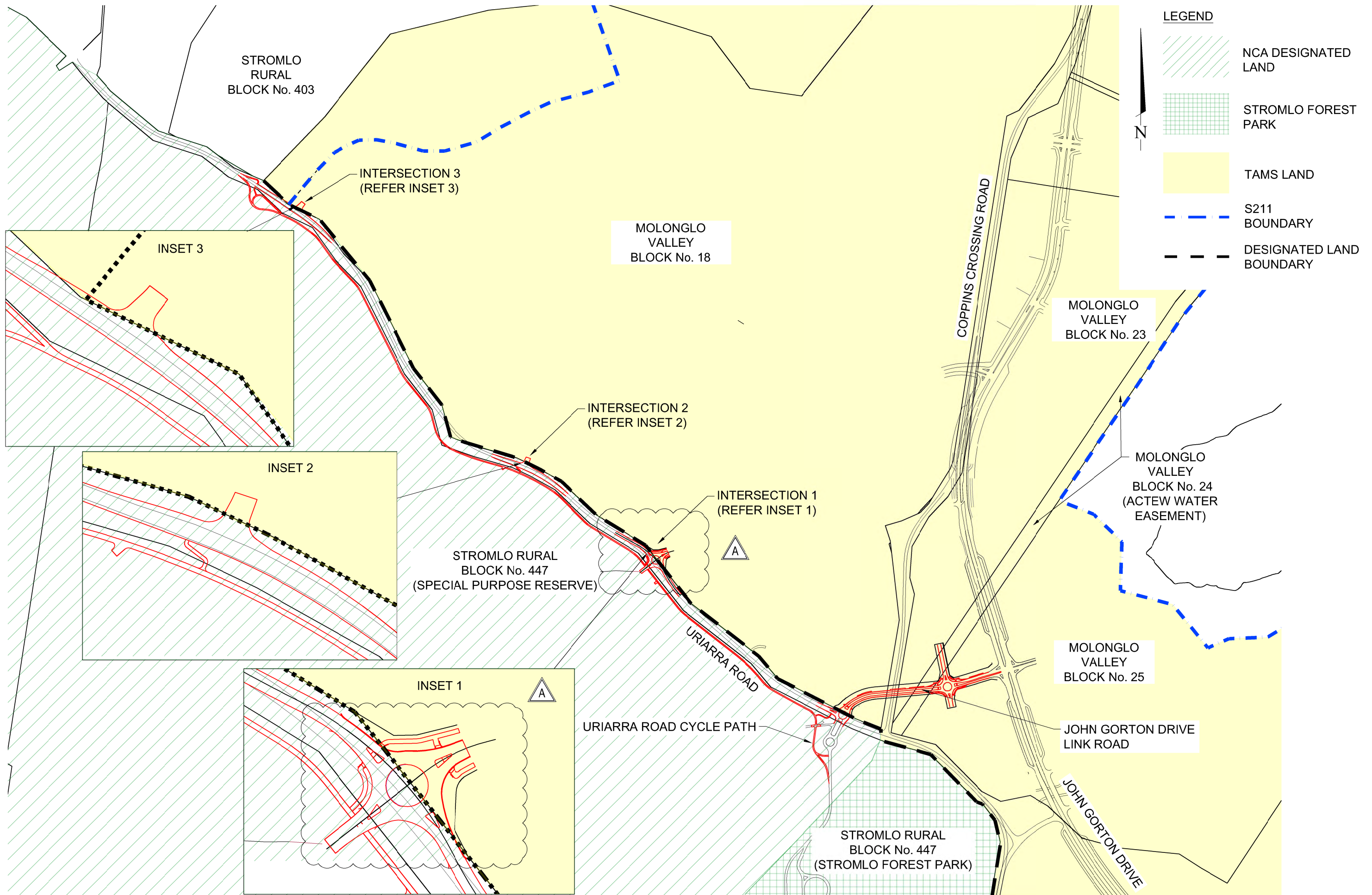
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CLIENT: ACT Government Economic Development
 PROJECT: EAST WEST ARTERIAL STAGE 2



DRAWING TITLE: DENMAN PROSPECT STAGING PLAN
 DRAWING NUMBER: C13107-007+
 AMEND.

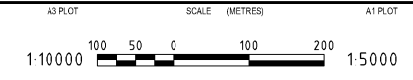


LEGEND

-  NCA DESIGNATED LAND
-  STROMLO FOREST PARK
-  TAMS LAND
-  S21 BOUNDARY
-  DESIGNATED LAND BOUNDARY

FILE: H:\11000\11000\Drawings\11000-004-BOUNDARY AND APPROVALS.dwg 3/10/14 11:37AM USER: Tim de Puit
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FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE	AMENDMENT DETAILS
A	TDP	VVB	JHM	JHM	18/12/12	
B	JKM	JKM	JHM	JHM	03/10/14	INTERSECTION 1 CHANGED TO A ROUNDABOUT
C						
D						
E						
F						



WAE No. _____
PROJECT No. _____



CLIENT: ACT Government Economic Development, ACT Government Environment and Sustainable Development, ACT Government Treasury

PROJECT: URIARRA ROAD INTERSECTIONS AND LINK ROAD FROM JOHN GORTON DRIVE

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DRAWING TITLE BOUNDARY & APPROVALS PLAN	
DRAWING NUMBER C11150-004+	AMEND. A



ACT
Government

Territory and Municipal Services

Mr Neil Hughes
ACT Procurement Solutions
Territory & Municipal Services
Dame Pattie Menzies North Building
Dickson ACT 2602

Dear Mr Hughes,


**ROADS ACT DESIGN APPROVAL
JOHN GORTON DRIVE, STAGE 1D (INCLUDING HOLDENS CREEK BRIDGE)**

Roads ACT provide design approval for the proposed construction of John Gorton Drive, Stage 1D project including the Holdens Creek Bridge near Coombs and Wright in central Canberra.

Roads ACT Design Approval is based on the documentation produced and presented by GHD including all civil works, landscaping, street lighting, bridge design and temporary traffic management concept plans as defined on the attached drawings schedule.

Approval is granted on the basis that Roads ACT consider significant consultation has been undertaken with the required, service providers as well as internal agencies within the ACT Government.

Roads ACT confirm that Shared Services Procurement will be submitting this documentation for DA on behalf of the Economic Development Directorate.


Ben McHugh
A/G Manager – Major Capital Works
Roads Act

October 2011

Scott Chancellor

From: McHugh, Ben <Ben.McHugh@act.gov.au>
Sent: Friday, 3 October 2014 8:11 AM
To: Oxborrow, Stuart
Cc: Beljic, Miloje; Dragos, Jonathon; [REDACTED]; Hillman, John
Subject: RE: FW: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review

Good Morning Stuart,

Apologies for the delay in providing this correspondence.

On behalf of Roads ACT I endorse the amendment to the design for intersection Number 1 forming part of the Uriarra Intersections project to provide a fourth leg to the roundabout to service a future accommodation site.

The endorsement is based upon the revised plans provided to Roads ACT for review and the comments being addressed.

Regards

Ben

Ben McHugh

Senior Manager | Major Capital Works

Directorate of Territory & Municipal Services - Roads ACT
Level 7, Macarthur House - 12 Wattle Street, Lyneham ACT 2602
Locked Bag 2000 Civic Square - ACT 2600
Ph: (02) 6207 2738 Mobile: [REDACTED] Facsimile: (02) 6207 6872
ACT Government Homepage: www.act.gov.au

From: Oxborrow, Stuart
Sent: Friday, 26 September 2014 10:40 AM
To: McHugh, Ben
Cc: Beljic, Miloje; Dragos, Jonathon; [REDACTED]
Subject: FW: FW: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review

Hi Ben,

Based on the comments below from Jon Dragos and John Tillman, can you please provide a statement for inclusion with our amended DA and WA submissions that RoadsACT agree in principle with the Intersection 1 roundabout layout.

Thanks,

Stuart Oxborrow
Senior Program Engineer

Phone 02 6207 4502

Infrastructure and Capital Works

Chief Minister, Treasury and Economic Development Directorate | ACT Government

Level 6, TransACT House, 470 Northbourne Avenue Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 | www.economicdevelopment.act.gov.au

 Please consider the environment before printing this e-mail.

From: Jon Dragos [mailto: [REDACTED]]
Sent: Friday, 26 September 2014 9:07 AM
To: Oxborrow, Stuart
Subject: Fwd: FW: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review

Please see the email below from John Hillman.

----- Forwarded message -----

From: Hillman, John <John.Hillman@act.gov.au>
Date: Thu, Sep 25, 2014 at 4:13 PM
Subject: RE: FW: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review
To: "Dragos, Jonathon" <Jonathon.Dragos@act.gov.au>
Cc: "Beljic, Miloje" <Miloje.Beljic@act.gov.au>, "McHugh, Ben" <Ben.McHugh@act.gov.au>, Jon Dragos [REDACTED] >

Jon

As discussed I have not made comments on this intersection plan, but on review I do not have an issue with the comments/responses received

John

John Hillman

Project Officer | Major Capital Works

Directorate of Territory & Municipal Services - Roads ACT

Level 7, Macarthur House - 12 Wattle Street, Lyneham ACT 2602

Locked Bag 2000 Civic Square - ACT 2600

john.hillman@act.gov.au

Ph: (02) 6207 5771 Mobile [REDACTED]

From: Jon Dragos [mailto: [REDACTED]]
Sent: Thursday, 25 September 2014 3:10 PM
To: Hillman, John
Cc: Dragos, Jonathon; Beljic, Miloje; McHugh, Ben; Oxborrow, Stuart
Subject: Re: FW: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review

Hi John,

Attached is the comments register for the comments Roads ACT provided for Uriarra Rd Intersection No. 1 Reconfiguration DA Amendment. It contains responses from Browns and further notes from me.

If Roads ACT are happy with the responses, please provide an email to Stuart Oxborrow stating that Roads ACT agree with or accept the design, as this is required by EDD in order to obtain the DA Amendment.

My internal work number is now [REDACTED].

Regards,

Jonathon Dragos

On Thu, Sep 25, 2014 at 10:23 AM, Oxborrow, Stuart <Stuart.Oxborrow@act.gov.au> wrote:

Jon,

Can you also please review the replies from Browns below to the RoadsACT comments on the Uriarra Road intersection No.1 redesign. Please discuss these with John Hillman at RoadsACT to attempt to close out as many of these issues prior to tomorrow's meeting.

Thanks,

Stuart Oxborrow


Senior Program Engineer

Phone 02 6207 4502

Infrastructure and Capital Works

Chief Minister, Treasury and Economic Development Directorate | ACT Government

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From: James Mason [mailto:[REDACTED][@brownconsulting.com.au](mailto:[REDACTED]@brownconsulting.com.au)]
Sent: Monday, 22 September 2014 10:23 AM
To: Oxborrow, Stuart

Cc: Beljic, Miloje; Tim de Puit

Subject: RE: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review

Stuart,

We have completed the Uriarra Road roundabout design and are now looking at the amendment to the DA and Works Approval.

Are Roads ACT satisfied with the responses provided to their comments?

Regards

James Mason | Senior Project Manager - Roads and Traffic

Brown Consulting (ACT) Pty Ltd

BROWN

GPO Box 261, Canberra, ACT , 2601
Level 6,121 Marcus Clarke Street, Canberra City,
ACT, 2601

Smart Consulting

t. 02 6211 7100

e. [REDACTED] [@brownconsulting.com.au](mailto:[REDACTED]@brownconsulting.com.au)

www.brownconsulting.com.au

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Read the latest edition of [In Focus](#), Brown Consulting's national newsletter.

From: James Mason

Sent: Friday, 12 September 2014 5:08 PM

To: 'Oxborrow, Stuart'

Cc: Beljic, Miloje; Tim de Puit

Subject: RE: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review

Stuart,

Our responses follow:

1. Dot point 1 – Signage on Uriarra Road is OK

2. Dot point 2 – On-road cycling through the roundabout is not preferred (as well as being unprecedented) and will require a complete roundabout redesign
3. Dot point 3 – Hump for vehicles is not a good solution as this will compromise cover to the 600mm watermain. Green paint on cycle path is acceptable for delineation
4. Dot point 4 – Advice required from AECOM
5. Dot point 5 – Advice required from AECOM
6. Dot point 6 – Realignment of the cycle path would require a complete cycle path redesign
7. Dot point 7 – Traffic marshals are envisaged to be required for cycling events

Regards

James Mason | Senior Project Manager - Roads and Traffic
Brown Consulting (ACT) Pty Ltd

BROWN

GPO Box 261, Canberra, ACT , 2601
Level 6,121 Marcus Clarke Street, Canberra City,
ACT, 2601

Smart Consulting

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e. [REDACTED]@brownconsulting.com.au

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Read the latest edition of [In Focus](#), Brown Consulting's national newsletter.

From: Oxborrow, Stuart [<mailto:Stuart.Oxborrow@act.gov.au>]

Sent: Friday, 12 September 2014 4:38 PM

To: James Mason

Cc: Beljic, Miloje

Subject: FW: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review

James,

Can you please comment and/or address on the queries raised by RoadsACT regarding Intersection No.1.

This may need a meeting to resolve.

Regards,

Stuart Oxborrow


Senior Program Engineer

Phone 02 6207 4502

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Chief Minister, Treasury and Economic Development Directorate | ACT Government

Level 6, TransACT House, 470 Northbourne Avenue Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 | www.economicdevelopment.act.gov.au

 Please consider the environment before printing this e-mail.

From: Dragos, Jonathon
Sent: Friday, 12 September 2014 3:17 PM
To: Oxborrow, Stuart
Cc: Hillman, John; McHugh, Ben
Subject: RE: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review

Hi Stuart,

Roads ACT have no objections to the type of intersection which has been chosen, that being a 4-way roundabout. However, Roads ACT have some comments regarding on-road cycling and the large shared path crossing adjacent to this roundabout. Please see below:

- Please provide signage on Uriarra Rd to indicate that there is a shared cycle path crossing on side road. Can possibly use C29 and W6-1.
- Due to the fact that many training/recreational cyclists use Uriarra Rd, Roads ACT would prefer to adopt the on-road cycle path treatment through the roundabout which is seen in DS13 - Pedestrian and Cycle Facilities - Supplement Drawings (Sheet DS13-08). Please see Design Standards for Urban Infrastructure on TAMS website (attached also)
- Not much detail is shown regarding the cross section and levels of the shared path through Road 4. As this shared path will be a heavily used training and recreational route for

cyclists and may even be used for cycling races, Roads ACT would prefer to adopt a completely smooth transition for cyclists crossing Road 4 on the Shared Path. This should be achievable as there is no kerb along Road 4 at this point. Roads ACT would also prefer that the Shared path crossing pavement be “raised” for vehicles travelling along Road 4 (I.e. a hump for vehicles crossing the shared path along Road 4). If this raised crossing is not feasible, a crossing with a different coloured pavement will provide a similar benefit.

- Will Road 4 be used to service any large events which typically occur in the Stromlo Forest Park area?
- What are the anticipated traffic volumes for Road 4? How about if any large events occur?
- If traffic volumes are quite large, causing queues on the roundabout, a possibility may be to move the shared path alignment to be further away from the intersection to allow more vehicles to queue safely along Road 4 (between the roundabout and the shared path crossing).
- If large events occur, causing extreme traffic volumes on Road 4, other measures may be required to control vehicle and cyclist traffic flows, such as traffic marshals. Please consider this also.

If you have any questions, please ask Ben McHugh or John Hillman.

Regards,

Jonathon Dragos

Major Capital Works

Directorate of Territory & Municipal Services · Roads ACT

Level 7, Macarthur House · 12 Wattle Street, Lyneham ACT 2602

Locked Bag 2000 Civic Square · ACT 2600

Ph: (02) 6205 2265 Facsimile: (02) 6207 6872

ACT Government Homepage: www.act.gov.au

From: McHugh, Ben
Sent: Tuesday, 9 September 2014 10:11 AM
To: Dragos, Jonathon
Cc: Hillman, John
Subject: FW: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review

Hi Jon,

Can you please brief both John Hillman and I on the changes to the design at this intersection before I approve.

Thanks

Ben

From: Oxborrow, Stuart
Sent: Friday, 5 September 2014 4:07 PM
To: McHugh, Ben
Cc: Beljic, Miloje
Subject: FW: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review

Ben,

Further to the email trail below, please find attached a link to the draft DA drawings for the amended intersection No.1 on Uriarra Road. We are currently seeking a DA and WA amendment for this intersection from EPD and NCA, and both have requested confirmation from key stakeholders (RoadsACT, LDA and Stromlo Forest Park) that they support the proposal.

Can you please confirm that RoadsACT has no objection to the works proceeding, for inclusion with our DA and WA submissions. A formal Design Acceptance submission will be submitted shortly.

Regards,

Stuart Oxborrow

Senior Program Engineer

Phone 02 6207 4502

Infrastructure and Capital Works

Chief Minister, Treasury and Economic Development Directorate | ACT Government

 Please consider the environment before printing this e-mail.

From: Oxborrow, Stuart
Sent: Friday, 27 June 2014 10:54 AM
To: Dragos, Jonathon
Cc: McHugh, Ben; McGrath, Michael; Beljic, Miloje
Subject: RE: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review

Jonathon / Ben,

Thanks for the comments. We will forward them to Browns for incorporation.

We propose to ask Browns to continue with the design of Option 2, the 4 lane roundabout, with the ultimate intention of asking Woden's to built it as part of their current contract works. We will keep you informed of the design as it progresses. Note also that a DA amendment will also need to be submitted.

Thanks,

Stuart

From: Dragos, Jonathon
Sent: Friday, 27 June 2014 9:03 AM
To: Oxborrow, Stuart
Cc: McHugh, Ben
Subject: Uriarra Road Intersection No 1 Reconfiguration - Final Report - Roads ACT Review

Stuart,

Please see below for the comments from Roads ACT on the Uriarra Road Intersection No 1 Reconfiguration – Feasibility Summary Report by Brown Consulting:

Report Review Comments:

- 7.1: For a T priority control intersection and a 4 way priority control intersection, an on-road cyclist must cross traffic in order to make a right turn. This may present a hazard for these cyclists trying to make a right turn and may impact the Intersection Safety Analysis (7.1).
- Within 7.4, a comment was made regarding the fact that experienced cyclists will use the general traffic lane through the roundabout intersection, even if an off-road connection is provided. This may also impact the Intersection Safety Analysis (7.1).

A general comment which will not impact the outcome of the report:

- For a vehicle exiting Uriarra Road and turning into the access road to Stromlo Forrest Park, a driver will exit the intersection, then immediately be faced with a cyclist path crossing. This may present a hazard to the crossing cyclists and so the road surface may need to be graded to force drivers to slow down.

Regards

Jonathon Dragos

Major Capital Works

Directorate of Territory & Municipal Services · Roads ACT

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