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GUNGAHLIN TO CITY CORRIDOR TALKING POINTS

Date: 17 April 2014

Subject: Northbourne Avenue trees

- The Northbourne corridor is a tree lined boulevard that contains *Eucalyptus elata* trees in the central median and a mix of *Eucalyptus mannifera* and *Crataegus Smithiana* trees in the nature strips. The trees are regularly assessed by qualified arborists from Territory and Municipal Services (TAMS). Some of the trees in the median have a slow moving fungal disease that, over time, kills the trees.
- As part of the technical investigations being undertaken by the Capital Metro Agency, extensive work is underway to assess:
 - The current condition of the trees and their ability to be safe following construction work.
 - The preferred rail alignment within the corridor and how the current trees relate to this alignment from an operational safety and reliability perspective
 - The best species to use in this area if a change is required, with particular attention paid to the soil conditions, longevity, safety and alignment with local heritage and environmental policies.

KEY MESSAGES

- Northbourne Avenue will remain a tree-lined boulevard but no decisions have been made on the actual species or planting density.
- The planting records of the trees on the central median of Northbourne Avenue show that the trees have been replaced for health and amenity reasons approximately every 30 years since being first planted in 1921-22.
- Tree replacement along major corridors and in urban areas are a normal part of managing trees in high use areas.

BACKGROUND

- The trees on Northbourne Avenue between London Circuit and Flemington Road are on public unleased land and as such are not covered by the *Tree Protection Act, 2005*.
- Replanting of the existing *Eucalytpus elata*, (River Peppermint) trees in the central median commenced in 1983 under the guidance of the National Capital Development Commission.

MAINTENANCE WORK UNDERWAY

• Currently two trees on the Northbourne Avenue median between Flemington Road and London Circuit, are marked for non urgent removal. The removal of these trees is scheduled to be undertaken between May and July 2014.

KEY MILESTONES

 In the coming months, the ACT Government will engage with partner organisations and the community to identify the options and progress towards a preferred outcome that will be incorporated into the ultimate light rail system design.

STAKEHOLDERS

Northbourne Avenue is designated land and the National Capital Authority is a major stakeholder in decisions about corridor.

The Canberra community will be kept regularly informed about the project and specific meetings will be held with major resident groups and special interest groups as part of the development of the project.

Background/sensitivities

recently submitted an FOI in relation to the health, removal and maintenance of trees on Northbourne Avenue from 1 January 2012 until 28 February 2014. The FOI response was provided to on 10 April 2014. Information was also provided by TAMS in relation to a tree inventory report completed in 2010 which assessed trees along Northbourne Avenue and the Federal Highway. Trees were found to be in fair to good condition, however half of the trees have a useful life expectancy of less than 20 years and a high proportion were recommended for removal over time.

Action officer: Fleur Flanery, Director, City Services

Cleared by Fay Steward, Executive Director, Parks and City Services

Date: 17 April 2014

Cleared by Gary Byles, Director-General, TAMS



GUNGAHLIN TO CITY CORRIDOR TALKING POINTS

Date: 28 May 2014

Subject: Northbourne Avenue trees

- The Northbourne corridor is a tree lined boulevard that contains *Eucalyptus elata* trees in the central median and a mix of *Eucalyptus mannifera* and *Crataegus smithiana* trees in the nature strips. The trees are regularly assessed by qualified arborists from Territory and Municipal Services (TAMS). Some of the trees in the median have a slow moving fungal disease that has no cure and over time, kills the trees.
- As part of the technical investigations being undertaken by the Capital Metro Agency, extensive work is underway to assess the:
 - current condition of the trees and their ability to be safe following construction work.
 - o preferred rail alignment within the corridor and how the current trees relate to this alignment from an operational safety and reliability perspective
 - most appropriate species to use in this area if a change is required, with particular attention paid to the soil conditions, longevity, safety and alignment with local heritage and environmental policies.

KEY MESSAGES

- Northbourne Avenue will remain a tree-lined boulevard but no decisions have been made on the actual species or planting density.
- The planting records of the trees on the central median of Northbourne Avenue show that the trees have been replaced for health and amenity reasons approximately every 30 years since being first planted in 1921-22.
- Tree replacement along major corridors and in urban areas are a normal part of managing trees in high use areas.

BACKGROUND

- The trees on Northbourne Avenue between London Circuit and Flemington Road are on public unleased land and as such are not covered by the *Tree Protection Act, 2005*.
- Replanting of the existing *Eucalytpus elata*, (River Peppermint) trees in the central median commenced in 1983 under the guidance of the National Capital Development Commission.

MAINTENANCE WORK UNDERWAY

 Currently two trees on the Northbourne Avenue median between Flemington Road and London Circuit, are marked for non urgent removal. The removal of these trees is scheduled to be undertaken between May and July 2014.

KEY MILESTONES

 In the coming months, the ACT Government will engage with partner organisations and the community to identify the options and progress towards a preferred outcome that will be incorporated into the ultimate light rail system design.

STAKEHOLDERS

Northbourne Avenue is designated land and the National Capital Authority is a major stakeholder in decisions about corridor.

The Canberra community will be kept regularly informed about the project and specific meetings will be held with major resident groups and special interest groups as part of the development of the project.

Background/sensitivities

recently submitted an FOI in relation to the health, removal and maintenance of trees on Northbourne Avenue from 1 January 2012 until 28 February 2014. The FOI response was provided to on 10 April 2014. Information was also provided by TAMS in relation to a tree inventory report completed in 2010 which assessed trees along Northbourne Avenue and the Federal Highway. Trees were found to be in fair to good condition, however half of the trees have a useful life expectancy of less than 20 years and a high proportion were recommended for removal over time.

Action officer: Fleur Flanery, Director, City Services

Cleared by Fay Steward, Executive Director, Parks and City Services

Cleared by Paul Peters, Acting Director-General, TAMS

Date: 28 May 2014



GUNGAHLIN TO CITY CORRIDOR TALKING POINTS

Date: 13 June 2014

Subject: Northbourne Avenue trees

- The Northbourne corridor is a tree lined boulevard that contains *Eucalyptus elata* trees in the central median and a mix of *Eucalyptus mannifera* and *Crataegus smithiana* trees in the nature strips. The trees are regularly assessed by qualified arborists from Territory and Municipal Services (TAMS). Some of the trees in the median have a slow moving fungal disease that has no cure and over time, kills the trees.
- As part of the technical investigations being undertaken by the Capital Metro Agency, extensive work is underway to assess the:
 - current condition of the trees and their ability to be safe following construction work.
 - o preferred rail alignment within the corridor and how the current trees relate to this alignment from an operational safety and reliability perspective
 - o most appropriate species to use in this area if a change is required, with-particular attention paid to the soil conditions, longevity, safety and alignment with local heritage and environmental policies.

KEY MESSAGES

- Northbourne Avenue will remain a tree-lined boulevard but no decisions have been made on the actual species or planting density.
- The planting records of the trees on the central median of Northbourne Avenue show that the trees have been replaced for health and amenity reasons approximately every 30 years since being first planted in 1921-22.
- Tree replacement along major corridors and in urban areas are a normal part of managing trees in high use areas.

BACKGROUND

- The trees on Northbourne Avenue between London Circuit and Flemington Road are on public unleased land and as such are not covered by the *Tree Protection Act, 2005*.
- Replanting of the existing *Eucalytpus elata*, (River Peppermint) trees in the central median commenced in 1983 under the guidance of the National Capital Development Commission.

MAINTENANCE WORK UNDERWAY

 Currently two trees on the Northbourne Avenue median between Flemington Road and London Circuit, are marked for non urgent removal. The removal of these trees is scheduled to be undertaken before the end of July 2014.

KEY MILESTONES

• In the coming months, the ACT Government will engage with partner organisations and the community to identify the options and progress towards a preferred outcome that will be incorporated into the ultimate light rail system design.

STAKEHOLDERS

Northbourne Avenue is designated land and the National Capital Authority is a major stakeholder in decisions about corridor.

The Canberra community will be kept regularly informed about the project and specific meetings will be held with major resident groups and special interest groups as part of the development of the project.

Background/sensitivities

recently submitted an FOI in relation to the health, removal and maintenance of trees on Northbourne Avenue from 1 January 2012 until 28 February 2014. The FOI response was provided to on 10 April 2014. Information was also provided by TAMS in relation to a tree inventory report completed in 2010 which assessed trees along Northbourne Avenue and the Federal Highway. Trees were found to be in fair to good condition, however half of the trees have a useful life expectancy of less than 20 years and a high proportion were recommended for removal over time.

Action officer: Fleur Flanery, Director, City Services

Cleared by Fay Steward, Executive Director, Parks and City Services

Cleared by Paul Peters, Acting Director-General, TAMS

Date: 13 June 2014



GUNGAHLIN TO CITY CORRIDOR TALKING POINTS

Date: 5 September 2014

Subject: Northbourne Avenue trees

- The Northbourne corridor is a tree lined boulevard that contains Eucalyptus elata trees in
 the central median and a mix of Eucalyptus mannifera and Crataegus smithiana trees in the
 nature strips. The trees are regularly assessed by qualified arborists from Territory and
 Municipal Services (TAMS). Some of the trees in the median have a slow moving fungal
 disease that has no cure and over time, kills the trees.
- As part of the technical investigations undertaken by the Capital Metro Agency, extensive work was undertaken to assess the:
 - o current condition of the trees and their ability to be safe following construction work
 - o preferred rail alignment within the corridor and how the current trees relate to this alignment from an operational safety and reliability perspective
 - o most appropriate species to use in this area if a change is required, with particular attention paid to the soil conditions, longevity, safety and alignment with local heritage and environmental policies.

KEY MESSAGES

- Northbourne Avenue will remain a tree-lined boulevard but no decisions have been made on the actual species or planting density.
- The planting records of the trees on the central median of Northbourne Avenue show that the trees have been replaced for health and amenity reasons approximately every 30 years since being first planted in 1921-22.
- Tree replacement along major corridors and in urban areas are a normal part of managing trees in high use areas.

BACKGROUND

- The trees on Northbourne Avenue between London Circuit and Flemington Road are on public unleased land and as such are not covered by the *Tree Protection Act, 2005*.
- Replanting of the existing *Eucalytpus elata*, (River Peppermint) trees in the central median commenced in 1983 under the guidance of the National Capital Development Commission.

KEY MILESTONES

• In the coming months, the ACT_Government will engage with partner organisations and the community to identify the options and progress towards a preferred outcome that will be incorporated into the ultimate light rail system design.

STAKEHOLDERS

Northbourne Avenue is designated land and the National Capital Authority is a major stakeholder in decisions about corridor.

The Canberra community will be kept regularly informed about the project and specific meetings will be-held with major resident groups and special interest groups as part of the development of the project.

Background/sensitivities

submitted an FOI in relation to the health, removal and maintenance of trees on Northbourne Avenue from 1 January 2012 until 28 February 2014. The FOI response was provided to on 10 April 2014. Information was also provided by TAMS in relation to a tree inventory report completed in 2010 which assessed trees along Northbourne Avenue and the Federal Highway. Trees were found to be in fair to good condition, however half of the trees have a useful life expectancy of less than 20 years and a high proportion were recommended for removal over time.

Action officer: Fleur Flanery, Director, City Services

Cleared by Fay Steward, Executive Director, Parks and City Services

Cleared by Gary Byles, Director-General, TAMS

Date: 5 September 2014



GUNGAHLIN TO CITY CORRIDOR TALKING POINTS

Date: 18 December 2014

Subject: Northbourne Avenue trees

- The Northbourne corridor is a tree lined boulevard that contains River peppermint (Eucalyptus elata) trees in the central median and a mix of Red Spotted gum (Eucalyptus mannifera) and Red Mexican hawthorn (Crataegus 'Smithiana') trees in the nature strips.
- The trees are regularly assessed by qualified arborists from Territory and Municipal Services (TAMS).
- Some of the trees in the median have a slow moving fungal disease that has no cure and over time, kills the trees.
- Approximately 100 rot affected and unhealthy River peppermint trees in the median strip
 of Northbourne Avenue were removed in August 2011. Approximately 400 still remain,
 many of which have short to medium term viability.
- As part of the technical investigations undertaken by the Capital Metro Agency, extensive work was undertaken to assess the:
 - current condition of the trees and their ability to be safe following construction work
 - o preferred rail alignment within the corridor and how the current trees relate to this alignment from an operational safety and reliability perspective
 - o most appropriate species to use in this area if a change is required, with particular attention paid to the soil conditions, longevity, safety and alignment with local heritage and environmental policies.
- A detailed analysis completed by CMA has shown that the median alignment makes sense on a number of levels.
 - The project team looked at the pros and cons of locating the tracks in the median (centre of the road) or on either side of the road or within the road lanes.
- Through this investigation, the median alignment has been proposed as the preferred alignment for the following reasons:
 - It retains the current traffic capacity and it creates the least disruption to traffic;
 - It has less direct impact on access for businesses, facilities and residents on either side of the road;
 - When light rail operates in kerb lanes it can complicate the turning movements both into and out of each intersection and side street
 - There is already a wide median for the majority of the corridor, which provides significant construction and operation benefits
 - It removes the need to widen intersections that are already taking up a significant area (such as the intersection of Antill Street and Northbourne Avenue in Dickson);

- o It supports the ability to provide prioritisation for light rail services; and
- It aligns with the Griffin plans for Canberra which allowed wide medians for rail transport.

KEY-MESSAGES

- Northbourne Avenue will remain a tree-lined boulevard but no final decision has been made on the timing of the removals or the replacement species or planting density.
- A final decision is anticipated early in 2015.
- The planting records of the trees on the central median of Northbourne Avenue show that
 the trees have been replaced for health and amenity reasons approximately every 30 years
 since being first planted in 1921-22.
- Tree replacement along major corridors and in urban areas are a normal part of managing trees in high use areas.

BACKGROUND

- The trees on Northbourne Avenue between London Circuit and Flemington Road are on public unleased land and as such are not covered by the *Tree Protection Act, 2005*.
- Replanting of the existing River Peppermint trees in the central median commenced in 1983 under the guidance of the National Capital Development Commission.

KEY MILESTONES

• Early in 2015, the ACT Government will engage with partner organisations and the community to identify the options and progress towards a preferred outcome that will be incorporated into the ultimate light rail system design.

STAKEHOLDERS

Northbourne Avenue is designated land and the National Capital Authority is a major stakeholder in decisions about the corridor.

The Canberra community will be kept informed about the project and specific meetings will be held with major resident groups and special interest groups as part of the development of the project.

Background/sensitivities

submitted an FOI in relation to the health, removal and maintenance of trees on Northbourne Avenue from 1 January 2012 until 28 February 2014. The FOI response was provided to on 10 April 2014. Information was also provided by TAMS in relation to a tree inventory report completed in 2010 which assessed trees along Northbourne Avenue and the Federal Highway. Trees were found to be in fair to good condition, however half of the trees have a useful life expectancy of less than 20 years and a high proportion were recommended for removal over time.

Action officer: Fleur Flanery, Director, City Services

Cleared by Fay Steward, Executive Director, Parks and City Services

Cleared by Gary Byles, Director-General, TAMS

Date: 18 December 2014

Brice, Michael

From:

Kugathas, Kuga

Sent:

Thursday, 13 February 2014 10:03 AM

To:

Brice, Michael

Subject:

Tree issues related to Gungahlin to City light rail

Hi Michael

I would like to invite you and seek your advice on potential tree issues in the planning of light rail between Gungahlin and City.

ESDD, in the planning of light rail, identified the alignment along Flemington Road and Northbourne Avenue.

This project is one of the Government's high priority project. TAMS is a strong supporter of the project and collaborates with Capital Metro Agency to progress approval process efficiently and effectively.

We met recently with within TAMS executives, and committed to form working groups to progress on key issues.

ould like to invite you for the working group meeting, on the 20th of February at 10am.

In the mean time, I like to briefly discuss with you over the phone.

Looking forward to your contribution on this project.

Regards

Kuga

Kuga N Kugathas| Director, Planning and Design

ACT Government | Capital Metro

T GPO Box 158, Canberra ACT 2601 w.capitalmetro.act.gov.au

Please consider the environment before printing this e-mail.

Bruan, Nicole

From:

Flanery, Fleur

Sent:

Wednesday, 5 March 2014 5:50 PM

To:

Bulkeley, Luke

Subject:

RE: Partial Transfer - Mr Coe - Trees on Northbourne Ave - QON

Yes I am happy that additional information is supplied as it may save supplementary questions. I've edited

From: Bulkeley, Luke

Sent: Wednesday, 5 March 2014 4:54 PM

To: Flanery, Fleur

Subject: FW: Partial Transfer - Mr Coe - Trees on Northbourne Ave - OON

Fleur,

Mr Coe has asked two QONs, the answer to both is zero.

- How many regulated trees are located in the median on Northbourne Avenue between London Circuit and Flemington Road?
- 2. How many of these trees are marked for removal and in what time frame?

Rather than answer with a zero for both answers we could add extra info/context? Can I get your thoughts on whether you are happy to provide extra info on this matter please?

1. How many regulated trees are located in the median on Northbourne Avenue between London Circuit and Flemington Road?

Nil. The Northbourne Avenue median between Flemington Road and London Circuit is unleased land therefore the Tree Protection Act, 2005 does not apply as this legislation protects regulated trees on leased land and trees on the ACT Tree Register.

2. How many of these trees are marked for removal and in what time frame?

Currently two trees on Northbourne Avenue between Flemington Road and London Circuit, are marked for removal, under non urgent circumstances. The removal of these trees is scheduled to be undertaken between May and July 2014.

Thanks

Luke

Luke Bulkeley | Manager (acting) - Urban Treescapes |

Phone

or

Mobile

| Fax 02 62075956 | Email luke.bulkeley@act.gov.au

Urban Treescapes, City Services, Parks and City Services | Territory and Municipal Services Directorate | ACT Government, Canberra, Australia

Level 8, Macarthur House, 12 Wattle Street, Lyneham ACT 2602 | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

From: Lawrey, Ryan

Sent: Wednesday, 5 March 2014 11:26 AM

To: Bulkeley, Luke Cc: Allen, Richard

Subject: RE: Partial Transfer - Mr Coe - Trees on Northbourne Ave - QON

Luke,

Number updated.

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Ryan Lawrey Data & Information Manager Phone Mobile Fax 02 620 76255 Urban Treescapes, Parks-and City Services Territory and Municipal Services Directorate Level 8, Macarthur House, 12 Wattle Street, Lyneham ACT 2602 GPQ Box 158 Canberra ACT 2601
From: Lawrey, Ryan Sent: Friday, 28 February 2014 10:00 AM To: Allen, Richard Cc: Bulkeley, Luke Subject: RE: Partial Transfer - Mr Coe - Trees on Northbourne Ave - QON
How many regulated trees are located in the median on Northbourne Avenue between London Circuit and Flemington Road? There are 497 number of trees on the median strip, none of these are regulated as they are not cover by the Tree Protection ACT
How many of these trees are marked for removal and in what time frame? 2 trees are marked for removal between May & July 2014.
Ryan Lawrey Data & Information Manager Phone Fax 02 620 76255 Urban Treescapes, Parks and City Services Territory and Municipal Services Directorate Level 8, Macarthur House, 12 Wattle Street, Lyneham ACT 2602 GPO Box 158 Camberra ACT 2601
From: Allen, Richard Sent: Thursday, 27 February 2014 4:30 PM To: Lawrey, Ryan Subject: FW: Partial Transfer - Mr Coe - Trees on Northbourne Ave
Mr Coe – Asked the Minister for Territory and Municipal Services How many regulated trees are located in the median on Northbourne Avenue between London Circuit and Flemington Road. How many of these trees are marked for removal and in what time frame.
Mr Rattenbury - The answer to the Member's question is as follows:
Approved for circulation to the Member and incorporation in Hansard.
Shane Rattenbury MLA Date:
Minister for Territory and Municipal Services
-

Brice, Michael

From:

@hassellstudio.com]

Sent:

Monday, 12 May 2014 1:30 PM

To:

Brice, Michael

Cc:

Subject:

-Meeting tomorrow - Tues 13 May - before 2pm?

Hi Michael,

Sorry for the late notice — our lead Landscape Architect and myself are in Canberra tomorrow, and it would be great if you had time for a meeting with us. We are meeting with L at the Botanic Gardens at 2pm, and it would be great if you had time prior to then?

We would like to discuss in some detail the trees on Northbourne Avenue, both the existing trees, and options for future planting along the avenue.

If you are free, let me know where / when suits. I'm best contacted on my mobile.

leers,

Registered Architect: 8625 Green Star Associate

Level 2, Pier 8/9, 23 Hickson Road Sydney NSW Australia 2000 GPO Box 5487 Sydney NSW 2001 T +61 2 9101 2000 W <u>hassellstudio.com</u> Architecture Interior Design Landscape Architecture Planning Urban Design Australia China Hong Kong SAR Singapore Thailand United Kingdom

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minated architects: Ken Maher 3156 Tony Grist 5350 Ross de la Motte 7398 Matthew Pullinger 6226. its of Liability and disclaimer - HASSELL is not liable for any loss, damage, claim, cost, demand or expense arising in connection with or without the use of data supplied ... this e-mail transmission. Whilst virus scanning is utilised by HASSELL, no responsibility is taken for any virus damage that may originate from this transmission. The recipient is urged to scan this transmission and any attachments for computer virus.

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Brice, Michael

From:

d@hassellstudio.com]

Sent:

Monday, 26 May 2014 9:31 AM

To:

Brice, Michael

Subject:

RE: File Transfer: CMA - tree survey - Canberra Light Rail - land use, landscape architecture

and urban design

Michael,

CMA are controlling the document so give me a shout if ` . nas not responded / or emailed you a link to download and I'll chase it up.

Cheers,

Registered Architect: 8625 Green Star Associate

IASSELL

Nominated architects:

From: Brice, Michael [mailto:Michael.Brice@act.gov.au]

Sent: Monday, 26 May 2014 9:28 AM

To:

Subject: RE: File Transfer: CMA - tree survey - Canberra Light Rail - land use, landscape architecture and urban design

Thank you for responding. Hopefully '... can email me the report and Ben can give me his brief (I agree that a consistent approach and-consistent messages are needed going forward), noting that I report to a different minister.

Thank you

hael

Lihael Brice | Manager Urban Treescapes |

Phone

| Fax 02 6207 5956 | Email michael.brice@act.gov.au

City Services, Parks and City Services | Territory and Municipal Services Directorate | ACT Government

Level 8, Macarthur House, 12 Wattle Street, Lyneham ACT 2602 | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

From:

Sent: Monday, 26 May 2014 9:13 AM

To: Brice, Michael

Cc: 5

Subject: RE: File Transfer: CMA - tree survey - Canberra Light Rail - land use, landscape architecture and urban design

Hi Michael,

The most up to date information regarding the trees is contained within the Scoping Design Report, which was issued last Monday 19 May.

CMA should be able to email through a link to this report, which contains the information you are after.

, could this be arranged for Michael?

Also, Ben Smith has recently prepared a ministerial briefing note on this very topic, so it may be worthwhile contacting him to avoid doubling up on similar materials, and making sure we have a consistent message.

Cheers,

Registered Architect: 8625 Green Star Associate

HASSELL

From: Brice, Michael [mailto:Michael.Brice@act.gov.au]

Sent: Monday, 26 May 2014 9:05 AM

To:

Subject: RE: File Transfer: CMA - tree survey - Canberra Light Rait - land use, landscape architecture and urban design

to create a Brief for the minister about the trees as well that will include some comments about the most recent tree assessment, the high level meeting and what the future holds.

I have looked at the attached link, however it doesn't appear to include a report or summary of the health, condition and expected future of the trees in the corridor.

Is there such a summary document that you can provide?

Please call me if you would like to discuss. .

Thank-you

Michael

hael Brice | Manager Urban Treescapes |

ne | Fax 02 6207 5956 | Email michael.brice@act.gov.au

Services, Parks and City Services | Territory and Municipal Services Directorate | ACT Government

vel 8, Macarthur House, 12 Wattle Street, Lyneham ACT 2602 T GPO Box 158 Canberra ACT 2601 † www.act.gov.au

From: Kugathas, Kuga

Sent: Wednesday, 16 April 2014 4:22 PM

To: Brice, Michael

Cc

Subject: FW: File Transfer: CMA - tree survey - Canberra Light Rail - land use, landscape architecture and urban design

Hi Michael

As discussed, the tree survey information can be downloaded by clicking the link below.

Hope this assists.

Regards

Kuga

NB: thanks !

Kuga N Kugathas | Director, Planning and Design

ACT Government | Capital Metro

GPO Box 158, Canberra ACT 2601 www.capitalmetro.act.gov.au

Please consider the environment before printing this e-mail.

From:

@hassellstudio.com]

Sent: Wednesday, 16 April 2014 4:19 PM

To: Kugathas, Kuga

Subject: File Transfer: CMA - tree survey - Canberra Light Rail - land use, landscape architecture and urban design

IMPORTANT: Click-a link below to access files associated with this transmittal that came in through the HASSELL Info Exchange web site. The attached file contains the transmittal details.

lick here to download associated files

oject

Canberra Light Rail - land use, landscape architecture and urban design

Name:

Project

010325-61A-P-

Number

From:

(HASSELL)

To:

Michael.Brice@act.gov.au; Kuga.Kugathas@act.gov.au

CC:

Subject: CMA - tree survey Sent via: Info Exchange Expiration 16/05/2014

Date:

Remarks: Hi Michael,

Great to meet you earlier today.

Please see_link to download the updated tree survey information recently completed by dsb landsca architects.

Currently, the trees are geo located within the ARUP GIS link - there are two layers representing th and 2014 survey. CLick on the tree icons to pull up detailed information. Note the trees have been coded for easy reference on the GIS map.

Green = GOOD Orange = FAIR + FAIR-POOR Red = POOR + VERY POOR + DEAD

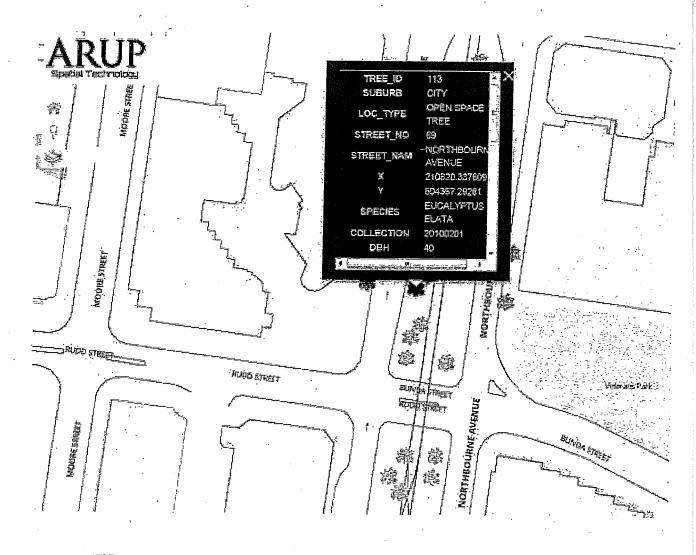
http://gis.arup.com.au/capitalmetro/

Note at this stage we have not produced tree impact drawings. These will form part of a detailed k package delivered in the Definition stage of the project, due to be complete end July 2014.

Please let me know if I can be of further assistance.

Presume that the CMA team will circulate the full Arup / HASSELL / PB report once they have review themselves.

Regards,



Registered Architect: 8625 Green Star Associate

Level 2, Pier 8/9, 23 Hickson Road Sydney NSW Australia 2000 GPO Box 5487 Sydney NSW 2001 T +61 2 9101 2000 W <u>hassellstudio.com</u> Architecture Interior Design Landscape Architecture Planning Urban Design Australia China Hong Kong SAR Singapore Thailand United Kingdom

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14-04-02 dsb 3021 Capital Metro VA field spreadsheet from Flemington Rd to Hibberson St.xls	Microsoft Excel 97-2003 Worksheet	3/04/2014	1:01 PM	135 KB
14-04-02 Jim and Steve VA Site Sheets.pdf	PDF File	3/04/2014	3:10 AM	32,873 KB
ARUP GIS link.txt	Text Document	16/04/2014	4:10 PM	< 1 KB
Copy of 14-04-03 dsb 3021	Microsoft Excel	3/04/2014	1:55	626 KB

NB_TreeAudit2010_140403.xlsx	Worksheet		PM	
Pages from 140415_CLR-Feasibility Design	PDF File	16/04/2014	4:05	468 KB
Report_2.1.7 Tree Strategy.pdf			PM	
Pages from 140415_CLR-Feasibility Design	PDF File	16/04/2014	4:03	3,857
Report_Aboricultural.pdf			PM	KB

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