

Thomas Sara

From: Green John (ST)
Sent: 05 April 2018 17:17
To: [REDACTED]
Cc: Miklasz Michal; [REDACTED] Korzeniowski David; [REDACTED]
Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter
Attachments: Hammersmith_Rd_Olympia_Vissim_Access_Proposal.pdf

All,

Please see attached. This is a proposal so if I have omitted or misunderstood anything please let me know and I will amend.

If the attached is acceptable I will re-issue as an agreement along with a formal Quote.

Models can be made available within a few days of TfL receiving a purchase order.

Please feel free to contact me directly with any queries.

Kind Regards,

John

John Green

Traffic Modelling Specialist
Network Performance – Delivery
Operational Modelling & Visualisation
 TRANSPORT FOR LONDON
Surface Transport | Network Management Directorate
Palestra House | 2nd floor – 2Y1 | 197 Blackfriars Road | London SE1 8NJ
[REDACTED] | E: [john.green](mailto:john.green@momentum-transport.com) [REDACTED]



From: [REDACTED]@momentum-transport.com]
Sent: 04 April 2018 15:18
To: Green John (ST)
Cc: Miklasz Michal; [REDACTED]; Korzeniowski David; [REDACTED]
Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

Good afternoon John,

Hope you're well. I was wondering whether you have had any luck with compiling a draft access proposal and quote for the TfL model?

Kind regards,

[REDACTED]



Clerkenwell House
23 Hatton Wall
London
EC1N 8JJ

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w www.momentum-transport.com

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From: [redacted] <[redacted]@yoocapital.com>
Sent: 28 March 2018 18:03
To: Green John (ST) <John.Green@[redacted]>
Cc: Miklasz Michal <MichalMiklasz@[redacted]>; [redacted] <[redacted]@momentum-transport.com>; [redacted] <[redacted]@momentum-transport.com>; Korzeniowski David <DavidKorzeniowski@[redacted]>
Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

John,

Many thanks for this.

The team will look at this and let you know if we have any questions at this point. We very much look forward to receiving the quote on Tuesday.

[redacted]

[redacted] Director of Development, yoo Capital
T: +44 (0) 20 7009 0218 [redacted] <[redacted]@yoocapital.com>

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From: Green John (ST) [mailto:John.Green@[redacted]]
Sent: 28 March 2018 17:42

To: [redacted]@yoocapital.com>
Cc: Miklasz Michal <MichalMiklasz [redacted]>; [redacted]@momentum-transport.com>; [redacted]@momentum-transport.com>; Korzeniowski David <DavidKorzeniowski [redacted]>
Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

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[redacted] | E: [john.green \[redacted\]](mailto:john.green [redacted])



From: [redacted]@yoocapital.com]
Sent: 27 March 2018 17:32
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From: Green John (ST) [mailto:John.Green@yoo.com] [REDACTED]
Sent: 27 March 2018 16:58
To: [REDACTED]@yoo.com>
Cc: Miklasz Michal <MichalMiklasz@yoo.com>
Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

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Tel: [REDACTED] | E: john.green@tfl.gov.uk



From: Miklasz Michal
Sent: 27 March 2018 16:31
To: Green John (ST)
Subject: FW: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

Michal Miklasz

TfL Planning/ Network Performance Modelling Liaison
TfL Planning | Planning | Palestra | 3rd Floor | 197 Blackfriars Road | London | SE1 8NJ
Tel (Auto): [REDACTED] Email:
michalmiklasz@tfl.gov.uk

From: [REDACTED]@yoocapital.com]
Sent: 21 March 2018 15:31
To: Spatial Planning; Seiler Clare
Cc: [REDACTED]@momentum-transport.com'; [REDACTED]@momentum-transport.com'; [REDACTED]@london.gov.uk'; Ranaweera Rohan; Roche Daniel; Wigg Joy; Alvarez Julio; Benford Oliver (ST); Korzeniowski David; Burman Thomas; Meeks Richard; Miklasz Michal; [REDACTED]@momentum-transport.com'
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From: Spatial Planning [<mailto:SpatialPlanning@tfl.gov.uk>]
Sent: 20 March 2018 17:05
To: [REDACTED]@momentum-transport.com' [REDACTED]@momentum-transport.com>
Cc: [REDACTED]@momentum-transport.com' <[REDACTED]@momentum-transport.com>; [REDACTED]@momentum-transport.com' <[REDACTED]@momentum-transport.com>; [REDACTED]@yoocapital.com>; [REDACTED]@london.gov.uk' <[REDACTED]@london.gov.uk>; Seiler Clare <ClareSeiler@tfl.gov.uk>; Ranaweera Rohan <RohanRanaweera@tfl.gov.uk>; Roche Daniel <Daniel.Roche@tfl.gov.uk>; Wigg Joy <JoyWigg@tfl.gov.uk>; Alvarez Julio <JulioCesarHernandez@tfl.gov.uk>; Benford Oliver (ST) <Oliver.Benford@tfl.gov.uk>; Korzeniowski David <DavidKorzeniowski@tfl.gov.uk>; Burman Thomas <ThomasBurman@tfl.gov.uk>; Meeks Richard <MeeksR@tfl.gov.uk>; Miklasz Michal <MichalMiklasz@tfl.gov.uk>
Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

Dear [REDACTED]

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Your views are important to us and in order to improve our service, we would appreciate it if you would complete and send back the enclosed feedback form ASAP.

Kind regards,

TfL Spatial Planning

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Sent: 28 March 2018 18:03
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Cc: Miklasz Michal; [REDACTED]@momentum-transport.com'; Korzeniowski David
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From: Green John (ST) [mailto:John.Green@yoocapital.com]
Sent: 28 March 2018 17:42
To: Dominic Holmes
Cc: Miklasz Michal; [REDACTED]@momentum-transport.com'; Korzeniowski David
Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

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EVERY JOURNEY MATERS

From: [redacted] <[\[redacted\]@yoo.com](mailto:[redacted]@yoo.com)>

Sent: 27 March 2018 17:32

To: Green John (ST)

Cc: Miklasz Michal; [redacted] <[\[redacted\]@momentum-transport.com](mailto:[redacted]@momentum-transport.com)>

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Sent: 27 March 2018 16:58

To: [redacted] <[\[redacted\]@yoo.com](mailto:[redacted]@yoo.com)>

Cc: Miklasz Michal <MichalMiklasz@yoo.com>

Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

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From: Miklasz Michal
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TfL Planning/ Network Performance Modelling Liaison
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Tel (Auto): [REDACTED] | Email:
michalmiklasz@tfl.gov.uk

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Sent: 21 March 2018 15:31
To: Spatial Planning; Seiler Clare
Cc: [REDACTED]@momentum-transport.com'; [REDACTED]@momentum-transport.com'; [REDACTED]@london.gov.uk'; Ranaweera Rohan; Roche Daniel; Wigg Joy; Alvarez Julio; Benford Oliver (ST); Korzeniowski David; Burman Thomas; Meeks Richard; Miklasz Michal; [REDACTED]@momentum-transport.com'
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Sent: 20 March 2018 17:05
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Cc: [REDACTED]@momentum-transport.com' <[REDACTED]@momentum-transport.com>; [REDACTED]@momentum-transport.com' <[REDACTED]@momentum-transport.com>; [REDACTED]@yoocapital.com>; [REDACTED]@london.gov.uk' <[REDACTED]@london.gov.uk>; Seiler Clare <ClareSeiler@tfl.gov.uk>; Ranaweera Rohan <RohanRanaweera@tfl.gov.uk>; Roche Daniel <Daniel.Roche@tfl.gov.uk>; Wigg Joy <JoyWigg@tfl.gov.uk>; Alvarez Julio <JulioCesarhernandez@tfl.gov.uk>; Benford Oliver (ST) <Oliver.Benford@tfl.gov.uk>; Korzeniowski David <DavidKorzeniowski@tfl.gov.uk>; Burman Thomas <ThomasBurman@tfl.gov.uk>; Meeks Richard <MeeksR@tfl.gov.uk>; Miklasz Michal <MichalMiklasz@tfl.gov.uk>

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Cc: Miklasz Michal; [REDACTED]@momentum-transport.com'; Korzeniowski David
Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter
Attachments: Proposed Model Network.JPG; Olympia Modelling scope.docx; Base Model Network.JPG

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Tel (Auto): [redacted] | **Email:**
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Many thanks for the letter.

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As you know we are very keen to get cracking with this.

Many thanks

[redacted]

[redacted] Director of Development, yoo Capital
T: +44 (0) 20 7009 0218 M: [redacted]@yoo.com

yoo, 2 Bentinck Street London W1U 2FA
T: +44 (0) 20 7009 0100 F: +44 (0) 20 7009 0200 W: <http://www.yoocapital.com>



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From: Spatial Planning [<mailto:SpatialPlanning@tfl.gov.uk>]

Sent: 20 March 2018 17:05

To: [redacted]@momentum-transport.com' <[redacted]@momentum-transport.com>

Cc: [redacted]@momentum-transport.com' <[redacted]@momentum-transport.com>;

[redacted]@momentum-transport.com' <[redacted]@momentum-transport.com>; [redacted]@yoo.com>; [redacted]@london.gov.uk' <[redacted]@london.gov.uk>; Seiler Clare <ClareSeiler@london.gov.uk

>; Ranaweera Rohan <RohanRanaweera@london.gov.uk

>; Roche Daniel <Daniel.Roche@london.gov.uk

>; Wigg Joy <JoyWigg@london.gov.uk

>; Alvarez Julio <Juliocesarnhernandez@london.gov.uk

>; Benford Oliver (ST) <Oliver.Benford@london.gov.uk

>; Korzeniowski David <DavidKorzeniowski@london.gov.uk

>; Burman Thomas <ThomasBurman@london.gov.uk

>; Meeks Richard <MeeksR@london.gov.uk

>; Miklasz Michal <MichalMiklasz@london.gov.uk

>; [redacted]

Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

Dear [REDACTED]

Following on from your recent pre-application meeting for the above site, please find Transport for London's formal pre-application advice letter attached for your information. Should you have any questions about these comments, please contact Clare Seiler.

Your views are important to us and in order to improve our service, we would appreciate it if you would complete and send back the enclosed feedback form ASAP.

Kind regards,

TfL Spatial Planning

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Thomas Sara

From: [REDACTED]@yoocapital.com>
Sent: 27 March 2018 17:32
To: Green John (ST)
Cc: Miklasz Michal; [REDACTED]@momentum-transport.com'
Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

Hi John,
Many thanks for getting in touch and much appreciated.
I am now also copying in our consultants, Momentum who will be able to help with any technical questions.
Very much look forward to hearing back from you.

[REDACTED] Director of Development, yoo Capital
T: +44 (0) 20 7009 0218 M: [REDACTED]@yoocapital.com

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From: Green John (ST) [mailto:John.Green@yoocapital.com]
Sent: 27 March 2018 16:58
To: [REDACTED]
Cc: Miklasz Michal
Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

[REDACTED]
My apologies for not getting back to you sooner regarding this. I'm generally responsible for providing access to TFL models. I will dedicate some time tomorrow to look at what modelling we have available, talk to the corridor manager and potentially give you a call to answer any queries that I may have.

Kind Regards,
John.

John Green
Traffic Modelling Specialist
Network Performance – Delivery
Operational Modelling & Visualisation
🚗 TRANSPORT FOR LONDON
Surface Transport | Network Management Directorate
Palestra House | 2nd floor – 2Y1 | 197 Blackfriars Road | London SE1 8NJ
[REDACTED] | E: john.green@yoocapital.com



EMERGENCY SERVICES

From: Miklasz Michal
Sent: 27 March 2018 16:31
To: Green John (ST)
Subject: FW: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

Michal Miklasz
TfL Planning/ Network Performance Modelling Liaison
TfL Planning | Planning | Palestra | 3rd Floor | 197 Blackfriars Road | London | SE1 8NJ
Tel (Auto): [REDACTED] | Email:
michalmiklasz@tfl.gov.uk

From: [REDACTED] [\[REDACTED\]@yoocapital.com](mailto:[REDACTED]@yoocapital.com)
Sent: 21 March 2018 15:31
To: Spatial Planning; Seiler Clare
Cc: [REDACTED]@momentum-transport.com'; [REDACTED]@momentum-transport.com'; [REDACTED]@london.gov.uk'; Ranaweera Rohan; Roche Daniel; Wigg Joy; Alvarez Julio; Benford Oliver (ST); Korzeniowski David; Burman Thomas; Meeks Richard; Miklasz Michal; [REDACTED]@momentum-transport.com'
Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

Clare,
Many thanks for the letter.
Do we have an indication on when we will receive the quote for the lease of the VISSIM model?
As you know we are very keen to get cracking with this.
Many thanks

[REDACTED] Director of Development, yoo Capital
T: +44 (0) 20 7009 0218 M: [REDACTED] [\[REDACTED\]@yoocapital.com](mailto:[REDACTED]@yoocapital.com)

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From: Spatial Planning [\[mailto:SpatialPlanning@tfl.gov.uk\]](mailto:SpatialPlanning@tfl.gov.uk)
Sent: 20 March 2018 17:05
To: [REDACTED]@momentum-transport.com' <[\[REDACTED\]@momentum-transport.com](mailto:[REDACTED]@momentum-transport.com)>
Cc: [REDACTED]@momentum-transport.com' <[\[REDACTED\]@momentum-transport.com](mailto:[REDACTED]@momentum-transport.com)>; [REDACTED]@momentum-transport.com' <[\[REDACTED\]@momentum-transport.com](mailto:[REDACTED]@momentum-transport.com)>; [REDACTED]@yoocapital.com>; [REDACTED]@london.gov.uk' <[\[REDACTED\]@london.gov.uk](mailto:[REDACTED]@london.gov.uk)>; Seiler Clare <ClareSeiler@tfl.gov.uk>; Ranaweera Rohan <RohanRanaweera@tfl.gov.uk>; Roche Daniel <Daniel.Roche@tfl.gov.uk>; Wigg Joy <JoyWigg@tfl.gov.uk>; Alvarez Julio <JulioCesarhernandez@tfl.gov.uk>; Benford Oliver (ST) <Oliver.Benford@tfl.gov.uk>; Korzeniowski David <DavidKorzeniowski@tfl.gov.uk>; Burman Thomas <ThomasBurman@tfl.gov.uk>; Meeks Richard <MeeksR@tfl.gov.uk>; Miklasz Michal <MichalMiklasz@tfl.gov.uk>

Subject: RE: Olympia London, Hammersmith Road, London, W14 8UX - TfL's Pre-Planning Application Advice Letter

Dear [REDACTED]

Following on from your recent pre-application meeting for the above site, please find Transport for London's formal pre-application advice letter attached for your information. Should you have any questions about these comments, please contact Clare Seiler.

Your views are important to us and in order to improve our service, we would appreciate it if you would complete and send back the enclosed feedback form ASAP.

Kind regards,
TfL Spatial Planning

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Thomas Sara

From: Daniel Bent
Sent: 18 July 2018 14:04
To: Blewitt Robert (ST)
Cc: [REDACTED]; Qu Huagang; Miklasz Michal
Subject: RE: Olympia Modelling - 3D VISSIM Videos

Hi Robert,

That's great, many thanks.

Kind regards,

[REDACTED]

[REDACTED] | Transport Modelling | Associate

MULTIMODAL 
MODELLING | ANALYSIS | PRESENTATION

Telephone: +44 (0)121 516 6609 | Extension: 402

Mobile: [REDACTED]

Email: [REDACTED]@multimodaluk.com

From: Blewitt Robert (ST)
Sent: 18 July 2018 13:59
To: [REDACTED]
Cc: [REDACTED]; Qu Huagang; Miklasz Michal
Subject: RE: Olympia Modelling - 3D VISSIM Videos

Hi [REDACTED],

Ok, have booked 91 for you today and tomorrow – if you need it any longer than that, please let me know.

Thanks,

Robert

From: [REDACTED]@multimodaluk.com
Sent: 18 July 2018 13:46
To: Blewitt Robert (ST)
Cc: [REDACTED]; Qu Huagang; Miklasz Michal
Subject: RE: Olympia Modelling - 3D VISSIM Videos

Hi Robert,

Thanks for that.

I'm guessing around 4 hours. I've only got short videos to record, but have 10 scenarios to run.

Kind regards,

[REDACTED]

[REDACTED] | Transport Modelling | Associate

Telephone: +44 (0)121 516 6609 | Extension: 402
Mobile: [REDACTED]
Email: [REDACTED]@multimodaluk.com

From: Blewitt Robert (ST) <Robert.Blewitt@multimodaluk.com>
Sent: 18 July 2018 13:37
To: [REDACTED]@multimodaluk.com>
Cc: [REDACTED]@momentum-transport.com>; [REDACTED]@multimodaluk.com>; Qu Huagang <HuagangQu@multimodaluk.com>; Miklasz Michal <MichalMiklasz@multimodaluk.com>
Subject: RE: Olympia Modelling - 3D VISSIM Videos

Hi [REDACTED],

Server 91 is available at the moment, so will book in your name. Can you tell me how long you are likely to need it for?

Thanks,

Robert

From: [REDACTED]@multimodaluk.com]
Sent: 18 July 2018 13:26
To: Blewitt Robert (ST); Miklasz Michal
Cc: [REDACTED]; Qu Huagang
Subject: RE: Olympia Modelling - 3D VISSIM Videos

Hi Robert,

Many thanks for the email and just to confirm that I can see the additional icons when I log in remotely.

I've noted your comments on 92 and will look to access 91.

Kind regards,

[REDACTED]

[REDACTED] | Transport Modelling | Associate

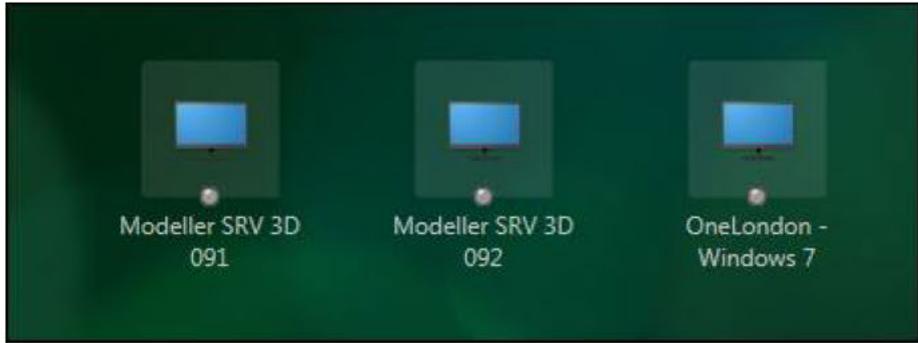
Telephone: +44 (0)121 516 6609 | Extension: 402
Mobile: [REDACTED]
Email: [REDACTED]@multimodaluk.com

From: Blewitt Robert (ST) <Robert.Blewitt@multimodaluk.com>
Sent: 18 July 2018 12:15
To: Miklasz Michal <MichalMiklasz@multimodaluk.com>; [REDACTED]@multimodaluk.com>
Cc: [REDACTED]@momentum-transport.com>; [REDACTED]@multimodaluk.com>; Qu Huagang <HuagangQu@multimodaluk.com>
Subject: RE: Olympia Modelling - 3D VISSIM Videos

Hi Michal/Huagang,

The maximum version of OpenGL supported when accessing the server environment via MSTSC is OpenGL v1.1. This is fine for 3D mode in Vissim 5.4, however a higher OpenGL version is required for 3D support in later Vissim versions.

We do have two high-spec servers (91/92) that support OpenGL v2.1, which enables 3D mode in Vissim 6+. In order to make use of this functionality however, it is necessary to access them via a Citrix connection rather than using MSTSC. This is done from T-Snap/Storefront, where there are additional connection options alongside the normal OneLondon icon. [REDACTED] – can you confirm if you can see the additional icons below when you log on remotely? If not, a service request will need to be raised with our Technology & Data colleagues to enable this.



It is important to mention that these two high spec servers are in frequent use for running assignment models, therefore we would need to coordinate their use with our other modelling colleagues (I believe 92 is currently in use). As the servers use software-based graphics rendering rather than using dedicated graphics hardware, the video recording is likely to be significantly slower than on a standalone machine.

As a footnote, Vissim 10 provides the option to use DirectX instead of OpenGL for 3D graphics rendering. If this option is chosen, 3D mode works on the standard modelling servers.

Best regards,

Robert Blewitt
Senior Transport Modeller
Operational Modelling & Visualisation, Network Performance – Delivery
Network Management Directorate, Surface Transport, Transport for London
Zone R6, 3rd Floor, Palestra, 197 Blackfriars Road, London, SE1 8NJ
Tel: [REDACTED] | Email: [Robert.Blewitt@\[REDACTED\]](mailto:Robert.Blewitt@[REDACTED])



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From: Miklasz Michal
Sent: 17 July 2018 12:10
To: [REDACTED] Qu Huagang
Cc: [REDACTED]; Blewitt Robert (ST)
Subject: RE: Olympia Modelling - 3D VISSIM Videos

Hi [REDACTED]

As spoke over the phone, please hold off with any videos until tomorrow when Robert, our expect from 3D is back from leave. I was told that we may be able to provide you with dedicated server that allows for videos to be developed remotely.

Also on contrary to previous advice and in light of above I would need to ask you not to copy models off the server to ensure what we have clear visibility of work being done on the scheme.

Lastly any videos produced using TfL models can only be shared with public once the actual models are audited and accepted by TfL – please see Section IV of Access Proposal for details.

Regards,
Michal

Michal Miklasz
TfL Planning/ Network Performance Modelling Liaison
TfL Planning | Planning | Palestra | 3rd Floor | 197 Blackfriars Road | London | SE1 8NJ
Tel (Auto): [REDACTED] | Email:
[michalmiklasz@\[REDACTED\]](mailto:michalmiklasz@[REDACTED])

From: [REDACTED] [@multimodaluk.com](mailto:[REDACTED]@multimodaluk.com)
Sent: 17 July 2018 11:32
To: Miklasz Michal; Qu Huagang
Cc: [REDACTED] Blewitt Robert (ST)
Subject: RE: Olympia Modelling - 3D VISSIM Videos

Hi Michal,

Thanks for getting back to me so quickly.

Ok, we'll look to make a local copy and go from there, thanks for your help.

Kind regards,

[REDACTED]

[REDACTED] | Transport Modelling | Associate



Telephone: +44 (0)121 516 6609 | Extension: 402
Mobile: [REDACTED]
Email: [REDACTED]@multimodaluk.com

From: Miklasz Michal <[MichalMiklasz@\[REDACTED\]](mailto:MichalMiklasz@[REDACTED])>
Sent: 17 July 2018 11:02
To: [REDACTED] <[\[REDACTED\]@multimodaluk.com](mailto:[REDACTED]@multimodaluk.com)>; Qu Huagang <[HuagangQu@\[REDACTED\]](mailto:HuagangQu@[REDACTED])>
Cc: [REDACTED] <[\[REDACTED\]@momentum-transport.com](mailto:[REDACTED]@momentum-transport.com)>; [REDACTED] <[\[REDACTED\]@multimodaluk.com](mailto:[REDACTED]@multimodaluk.com)>; Blewitt Robert (ST) <[Robert.Blewitt@\[REDACTED\]](mailto:Robert.Blewitt@[REDACTED])>
Subject: RE: Olympia Modelling - 3D VISSIM Videos

Hi [REDACTED]

Thanks for letting us know about the issue. We have run some test ourselves and it seems like models built using versions of VISSIM 6 and above are all coming back with the same issue. For time being I would suggest if possible to try to make a local copy of VISSIM files and run it off the stand alone computer instead of via remote access. This is something that worked for us when tested

Will keep you posted if we make any progress in fixing the issue

Regards
Michal

Michal Miklasz

TfL Planning/ Network Performance Modelling Liaison

TfL Planning | Planning | Palestra | 3rd Floor | 197 Blackfriars Road | London | SE1 8NJ

Tel (Auto): [REDACTED] | Email:

michalmiklasz@multimodaluk.com

From: [REDACTED] [@multimodaluk.com](mailto:[REDACTED]@multimodaluk.com)

Sent: 17 July 2018 08:48

To: Qu Huagang; Miklasz Michal

Cc: [REDACTED]

Subject: Olympia Modelling - 3D VISSIM Videos

Hi Huagang, Michal,

I wasn't sure who was best to email, so I thought I would ask my question to both of you.

For the Olympia VISSIM modelling, I have been asked by my Client to produce some VISSIM videos. However, I'm unable to open the model in 3D mode as I get the attached error message.

Is there anything that can be done to fix this for the computer that I am using? If not, would it be possible for me to extract the model onto my own machine to produce the videos? I appreciate that there is a requirement to keep everything internally within TfL, just trying to think of other ways to overcome this issue.

Thanks in advance for your help.

Kind regards,

[REDACTED]

[REDACTED] | Transport Modelling | Associate



Multimodal Ltd | Seven House | High Street | Longbridge | Birmingham | B31 2UQ

Telephone: +44 (0)121 516 6609 | Extension: 402

Mobile: [REDACTED]

Email: [REDACTED] [@multimodaluk.com](mailto:[REDACTED]@multimodaluk.com)

Webpage: [Multimodal Ltd](#)

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Registered: 09733659 England & Wales

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Thomas Sara

From: [REDACTED]
Sent: 06 July 2018 16:12
To: Miklasz Michal
Cc: [REDACTED]
Subject: RE: Olympia Modelling - VISSIM Output Comparisons
Attachments: SAT FLOW Tool - Output Criteria.PNG; SAT FLOW Results.PNG

Hi Michal,

Thanks for the email on the modelling scenarios.

We are still working through the various scenarios and I had a query on the saturation flow criteria used. I've attached a couple of screenshots, one of the current criteria used in the saturation flow output tool and a second showing the results we have obtained.

You will hopefully notice that there are about half of the approaches where saturation flows can't be measured for one reason or another. We have already adjusted the *general parameters* and the 'increase between successive headways' % for the *end of saturation* criteria. All three of the *end of saturation* criteria options are ticked, but wondered if you had any suggested edits to these to allow more results to be obtained? I don't want to extract any unrealistic results, so any guidance on comments on this would be much appreciated.

Thanks in advance.

Kind regards,

[REDACTED]

[REDACTED] | Transport Modelling | Associate

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Telephone: [REDACTED]
Mobile: [REDACTED]
Email: [REDACTED]@multimodaluk.com

From: Miklasz Michal
Sent: 04 July 2018 10:20
To: [REDACTED]; [REDACTED]
Cc: [REDACTED]; Simpson Lucy; Farrow Claire (ST); Korzeniowski David; Green John (ST)
Subject: RE: Olympia Modelling - VISSIM Output Comparisons

[REDACTED]

Please find attached quote for model checks as discussed. At present we quoted for scenario checks as per provided details by [REDACTED] (30/04/2018). In terms of flow scenarios essentially we aim to assess future net impact of the development so comparing *baseline + committed dev* "with" and "without" Olympia flows. Should any additional revisions be required, this is subject to extra costs. Please note that the quote already considers 15% discount against the standard rate.

Once we received PO we can start looking into the models. If possible I would advise a quick modelling catch up before the audit is commenced to agree on the expected workload and timescales.

Regards,
Michal

Michal Miklasz

TfL Planning/ Network Performance Modelling Liaison

TfL Planning | Planning | Palestra | 3rd Floor | 197 Blackfriars Road | London | SE1 8NJ

Tel (Auto): [REDACTED] | Email:

[michalmiklasz](mailto:michalmiklasz@multimodaluk.com) [REDACTED]

From: [REDACTED] [@multimodaluk.com](mailto:[REDACTED]@multimodaluk.com)

Sent: 18 June 2018 09:19

To: Miklasz Michal

Cc: [REDACTED]; Simpson Lucy; Farrow Claire (ST); Korzeniowski David

Subject: RE: Olympia Modelling - VISSIM Output Comparisons

Hi Michal,

Apologies for not getting back to you on this last Friday.

I've spoken to [REDACTED] at Momentum and in terms of scenarios, we're looking at "definitely scenario 2, then either 3/4/5 and then either 6/7/8/9, comparing options like for like."

So it will be at least 3 and possibly 4 in total, depending on which layout works the best.

I appreciate this is a bit vague at the moment, but hope it still helps.

Kind regards,

[REDACTED]

[REDACTED] | Transport Modelling | Associate

MULTIMODAL 
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Telephone: [REDACTED]

Mobile: [REDACTED]

Email: [REDACTED] [@multimodaluk.com](mailto:[REDACTED]@multimodaluk.com)

From: Miklasz Michal

Sent: 15 June 2018 14:04

To: [REDACTED]

Cc: [REDACTED]; Simpson Lucy; Farrow Claire (ST); Korzeniowski David

Subject: RE: Olympia Modelling - VISSIM Output Comparisons

Hi [REDACTED]

For purpose model audit cost estimate analysis, mind listing which scenarios are to be submitted for MAP checks please?

Many thanks,

Michal

Michal Miklasz

TfL Planning/ Network Performance Modelling Liaison

TfL Planning | Planning | Palestra | 3rd Floor | 197 Blackfriars Road | London | SE1 8NJ

Tel (Auto): [REDACTED] | Email:

[michalmiklasz](mailto:michalmiklasz@multimodaluk.com) [REDACTED]

From: [REDACTED]@multimodaluk.com]
Sent: 15 June 2018 10:50
To: Miklasz Michal
Cc: [REDACTED]; Simpson Lucy; Farrow Claire (ST); Korzeniowski David
Subject: RE: Olympia Modelling - VISSIM Output Comparisons

Hi Michal,

Many thanks for the attached and the clarifications on my queries.

Kind regards,

[REDACTED]

[REDACTED] | Transport Modelling | Associate

MULTIMODAL 
MODELLING | ANALYSIS | PRESENTATION

Telephone: [REDACTED]
Mobile: [REDACTED]
Email: [REDACTED]@multimodaluk.com

From: Miklasz Michal <MichalMiklasz@multimodaluk.com>
Sent: 15 June 2018 10:10
To: [REDACTED]@multimodaluk.com>
Cc: [REDACTED]@momentum-transport.com>; Luke Best
<[REDACTED]@multimodaluk.com>; Simpson Lucy <LucySimpson@[REDACTED]>; Farrow Claire (ST)
<Claire.Farrow@[REDACTED]>; Korzeniowski David <DavidKorzeniowski@[REDACTED]>
Subject: RE: Olympia Modelling - VISSIM Output Comparisons

Hi [REDACTED]

Please find below as requested. I was convinced that I already sent it to you so I am glad you came back with a little nudge.

Regards,
Michal

Michal Miklasz
TfL Planning/ Network Performance Modelling Liaison
TfL Planning | Planning | Palestra | 3rd Floor | 197 Blackfriars Road | London | SE1 8NJ
Tel (Auto): [REDACTED] 2008 | Email:
[michalmiklasz@\[REDACTED\]](mailto:michalmiklasz@[REDACTED])

From: [REDACTED]@multimodaluk.com]
Sent: 14 June 2018 16:09
To: Miklasz Michal
Cc: [REDACTED]
Subject: RE: Olympia Modelling - VISSIM Output Comparisons

Hi Michal,

Further to our phone call the other day, please find attached a spreadsheet which clarifies what each scenario consists of for the Olympia VISSIM modelling. However, please be aware that whilst we are modelling the full list of scenarios for Momentum to analyse, not all of these will be reported to you as part of the VMAP submission (only the most appropriate will be).

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| Transport Modelling | Associate



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Mobile: [Redacted]
Email: [Redacted]@multimodaluk.com

From: [Redacted]
Sent: 12 June 2018 12:22
To: 'Michal Michal' <MichalMiklasz@momentum-transport.com>
Cc: [Redacted]@multimodaluk.com; Simpson Lucy <LucySimpson@multimodaluk.com>; Farrow Claire (ST) <Claire.Farrow@multimodaluk.com>; Korzeniowski David <DavidKorzeniowski@multimodaluk.com>
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Telephone: █

Mobile: █

Email: █ [@multimodaluk.com](mailto:█@multimodaluk.com)

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Cc: <[REDACTED]@momentum-transport.com>; <[REDACTED]@multimodaluk.com>; Simpson Lucy <LucySimpson@multimodaluk.com>; Farrow Claire (ST) <Claire.Farrow@multimodaluk.com>; Korzeniowski David <DavidKorzeniowski@multimodaluk.com>
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TfL Planning | Planning | Palestra | 3rd Floor | 197 Blackfriars Road | London | SE1 8NJ
Tel (Auto): [REDACTED] | Email: michalmiklasz@multimodaluk.com

From: [REDACTED] <[REDACTED]@multimodaluk.com>
Sent: 11 June 2018 12:46
To: Miklasz Michal
Cc: [REDACTED]
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From: [REDACTED]
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Cc: [REDACTED]; Simpson Lucy; Farrow Claire (ST); Korzeniowski David
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Telephone: [REDACTED]
Mobile: [REDACTED]
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From: Miklasz Michal
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Tel (Auto): [REDACTED] | Email: michalmiklasz@multimodaluk.com

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Email: [REDACTED]@multimodaluk.com

Webpage: [Multimodal Ltd](#)

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Registered: 09733659 England & Wales

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Attachments: 180612 Olympia Dev Static Routes & Inputs.xlsx; 180612 Olympia Existing Static Routes & Inputs.xlsx; 180612 Committed Dev Static Routes & Inputs.xlsx; 180612 VISSIM MODEL SCENARIOS.xlsx

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6	Future Baseline + Committed Development + Proposed Olympia Development
7	Future Baseline + Committed Development + Proposed Olympia Development + Proposed Blythe Road Signalisation
8	Future Baseline + Committed Development + Proposed Olympia Development + Proposed D-Gate Signalisation
9	Future Baseline + Committed Development + Proposed Olympia Development + Proposed Blythe Road Signalisation + Proposed D-Gate Signalisation

Thanks for the advice on the outputs. However, that has led to more questions and comments below, which I would appreciate your guidance on.

Journey Times

Thanks for the consultation link, that's very useful. Just to confirm our understanding from this:

- Our assessment should be in bands (in seconds)?
- The 'Impact' column will be comparing the scenarios back to the original CS9 proposals?
- For the Hammersmith CS9 model, we propose to use Journey Time markers 9001 – 9056. There are other markers present, but these were used for the model calibration and validation. Are you happy with this?
- Please can you confirm the random seed numbers used for the CS9 assessment?
- The *Walking* wait times in the consultation material, how have this been calculated? Is this required for every crossing at each signalised junction?

Queue Lengths

- We will consider the local roads as well as Hammersmith Road for the queue comparisons.

Saturation Flows

- There are two junctions which are proposed to be signalised – D-Gate and Blythe Road. You mention calculating the sat flows using RR67, which we can do, do you need to see these comparisons before we run the models for outputs?

Traffic Flows

- Momentum have provided us with the traffic flows for the development and I will ask them to forward these on for you to review.

Overall Stats

- We will include some basic data on this, with latent demand likely to be something of interest.

Ped Stages

- All ped stages for the new signalised junctions are proposed to be run every cycle.

I hope all of the above makes sense and thanks in advance for your help. If you have any questions, please do get in touch.

Kind regards,

█

█ | Transport Modelling | Associate

MULTIMODAL 
MODELLING | ANALYSIS | PRESENTATION

Telephone: █

Mobile: █

Email: █@multimodaluk.com

From: Miklasz Michal

Sent: 12 June 2018 10:52

To: █

Cc: █ ; Simpson Lucy ; Farrow Claire (ST) ; Korzeniowski David

Subject: RE: Olympia Modelling - VISSIM Output Comparisons

Hi █

Thank you for your email and early engagement with the process. Before we talk about format of the output mind listing your scenarios again as I may need to revise the audit cost should it be more than initially discussed?

In terms of the outputs, my suggestion is to follow the format of the comparison tables that were produced for CS9 consultation for cyclists, PT, general traffic and walking (but more detailed results i.e. in seconds). Link to the consultation results is below

https://consultations.tfl.gov.uk/roads/1f754be4/user_uploads/cs9-traffic-modelling-am-2.pdf

On top of that we would expect the following:

- queue length comparison for side roads would also be recommended unless there are already JT markers set up in the original model that allow for the side traffic to be analysed as well;
- I would encourage you to keep the original JT markers from CS9 and use the same seeds throughout the process. I would also ensure that your results are calculated as average of at least 10 sequential runs (same seeds as those used in the CS9 model);
- In terms of sat flow, I encourage you calculating RR67 for the new junctions and then compare them with CS9 model averages (to ensure they are not significantly different from what has been considered for this location) before running VISSIM to ensure the match. Will speak with my colleagues about TfL sat flow tool and the settings you mentioned;
- Would expect that the development flow uplift will consider vehicles as well as cyclists. Please share your traffic distribution diagrams prior to model submission
- Overall statistics would be beneficial, but probably not essential;
- Lastly I would have thought that most of ped stages in your model should be set up as 100% demand given the propose increase in ped movements in the area (spectators)

If you have any other questions please let me know. I am now all week this week so please ignore yesterday's voicemail

Many thanks,
Michal

Michal Miklasz

TfL Planning/ Network Performance Modelling Liaison

TfL Planning | Planning | Palestra | 3rd Floor | 197 Blackfriars Road | London | SE1 8NJ

Tel (Auto): [REDACTED] Email:

michalmiklasz@multimodaluk.com

From: [REDACTED] [@multimodaluk.com](mailto:[REDACTED]@multimodaluk.com)

Sent: 11 June 2018 12:46

To: Miklasz Michal

Cc: [REDACTED]

Subject: Olympia Modelling - VISSIM Output Comparisons

Hi Michal,

My name is [REDACTED] and I am working with [REDACTED] at Momentum Transport Planning on the VISSIM modelling for the proposed development at Olympia.

We're at the stage now of running for outputs and understand that you would require saturation flows, queues and journey times for assessment purposes.

However, as we've got nine scenarios to compare (18 if taking into account the two peak periods), there is a lot of data that could be pulled off and compared and would therefore appreciate your comments/guidance on what would be most appropriate for you as an auditor of the work.

Our current thinking was:

- Saturation Flows
 - Comparison tables of the saturation flows for each approach at each junction (where data can be collected and analysed using the TfL Sat Flow tool)
(Do you have default settings to use for your sat flow tool for future year network models?)
- Queues
 - Queue graphs of the average queue at each junction and each approach
- Journey Times
 - Comparison tables of the overall EB and WB journey times for Lights, Heavies, Buses and Cyclists.
- Overall Network Stats
 - Comparison tables of average delay per vehicle, average speed and latent demand

Is there anything else in particular that would be useful, or would the above be a suitable set of data for comparison?

I hope the above makes sense and thanks in advance for your help.

Kind regards,

[REDACTED]

[REDACTED] | Transport Modelling | Associate

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Thomas Sara

From: Miklasz Michal
Sent: 12 June 2018 10:52
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Cc: [REDACTED]; [REDACTED]; Simpson Lucy; Farrow Claire (ST); Korzeniowski David
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Michal Miklasz

TfL Planning/ Network Performance Modelling Liaison

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Tel (Auto): [REDACTED] | Email: [michalmiklasz@\[REDACTED\]](mailto:michalmiklasz@[REDACTED])

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Kind regards,

[REDACTED]

[REDACTED] | Transport Modelling | Associate



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