



FAO Emre Williams  
Planning Inspectorate  
Room 3/18  
Temple Quay House  
Bristol  
BS1 6PN

Transport for London  
Silvertown Tunnel Scheme

Zone, 3Y6, 230 Blackfriars Road  
London,  
SE1 8PJ

Phone 0343 222 1155  
Email: [rivercrossings@tfl.gov.uk](mailto:rivercrossings@tfl.gov.uk)

14<sup>th</sup> December 2016

Dear Sirs

**Planning Act 2008**  
**Application for the proposed Silvertown Tunnel**  
**Application ref: TR0100021**

## **Deadline 2 submissions**

This letter provides details of the documents submitted by Transport for London ("the Applicant") for Deadline 2. A full schedule of the Applicant's Deadline 2 submissions is also enclosed which provides a reference number for each submission.

### **1. *Comments on Local Impact Reports (LIRs) and London Boroughs Written Representations (WRs)***

The Applicant's comments on LIRs and London Borough WRs are compiled into one report with appendices. The comments on the LIRs and WRs are grouped according to the key themes raised, rather than by individual borough. This approach has been taken to assist the Examining Authority (ExA) and avoid unnecessary repetition as, in many cases, the same or substantially the same issues have been raised by more than one borough.

### **2. *Comments on Interested Parties Written Representations***

The Applicant has responded to WRs from all non-borough Interested Parties. These comments are divided into five reports:

- Comments on WRs- Statutory Bodies:
- Comments on WRs- Land Interests Part 1:
- Comments on WRs- Land Interests Part 2:
- Comments on WRs- Community Interests: and
- Comments on WRs- Other.

### **3. *Comments on responses to ExA's First Written Questions (FWQs)***

The Applicant has provided comments on matters raised in responses to FWQs from various Interested Parties. Responses are only given to FWQs that the Applicant considers important and that need to be addressed.

### **4. *Statements of Common Ground (SoCG)***

Further to the SoCGs submitted at Deadline 1, an additional SoCG jointly prepared by the Marine Management Organisation (MMO) and the Applicant is submitted with this submission.

Essex County Council has also now submitted a signed version of the SoCG that was submitted at Deadline 1 (REP1-132). The signed SoCG is included in this submission. No other changes have been made to the Deadline 1 version.

Through the process of agreeing the SoCG with British Land (BL) the Applicant agreed to consider updates to the Traffic Impacts Mitigation Strategy (TIMS) and Monitoring Strategy by Deadline 2. The Applicant has undertaken further work on the TIMS, partly to reflect comments from stakeholders, including BL and the host boroughs. A set of mitigation triggers has been developed and these are included in the updated TIMS (Ref 7.7) submitted for this deadline. The Applicant notes that there remain issues identified in the BL SoCG and other interested parties' representations, and will provide a further update at Deadline 3.

### **5. *Post-hearing written submissions of oral case and action points***

The Applicant's written summary of oral submissions at the Issue Specific Hearing (ISH) on traffic and transport modelling and Compulsory Acquisition Hearing (CAH) and held on 7 and 8 December respectively are included in this submission.

For the CAH a single report has been compiled that contains the summary of the Applicant's oral submissions combined with the responses to the action points arising from the CAH.

At the ISH on traffic and transport modelling, the ExA requested that a number of additional documents be submitted at Deadline 2. These reports have been submitted separately from the summary of the Applicant's oral submissions and are listed in section 7 of this letter.

At the Accompanied Site Inspection (ASI) held on 6 December 2016 the ExA requested details of the proposed noise barriers at Siebert Road.

This is included as a stand alone report and has been submitted to in hard and electronic copy.

Action point 3 from the ASI requests that the Applicant or the Royal Borough of Greenwich provide a copy of the planning application for the re-building of Studio 338. TfL has not been formally made aware or consulted on the application and considers that it would be more appropriate for the Local Planning Authority or the developer (or agent) to provide a copy to the examination.

## 6. *Updated application documents*

A number of the application documents have been updated in response to discussions with interested parties. A tracked changes and clean version of each updated document has been submitted. The table below provides a list of the updated documents and an explanation of the update.

| <b><i>Updated Application document</i></b>  | <b><i>TfL document number</i></b> | <b><i>Reason for change</i></b>   |
|---|-----------------------------------|---|
| Draft Development Consent Order (dDCO)  | 3.1                               | Amendments have been made to address points raised by Interested Parties or which have been identified by the Applicant.  |
| Explanatory Memorandum  | 3.2                               | Updated to reflect the amendments made to the dDCO.   |
| Code of Construction Practice (CoCP)<br><br>Only the main document has been updated not the appendices. | 6.10                              | The main body of the CoCP has been updated for Deadline 2. The substantive changes include provision for consultation, as part of the Community Engagement Plan, with local businesses and developers in order to co-ordinate construction traffic. Further to this, following consultation with the local authorities, greater clarity has been provided in the CoCP relating to the heavy goods vehicle traffic routes which will be followed by the Contractor, unless otherwise agreed. |

|   |            |  |
|---|------------|--|
| Design Principles document  | 7.4        | <p>This document has been amended since the submission version as a result of the following:</p> <ol style="list-style-type: none"> <li>1. Direct discussions with the host boroughs LB Newham and RB Greenwich.</li> <li>2. Further review by the Silvertown Design Review Panel.</li> <li>3. Comments received in Written Representations from stakeholders and the host boroughs.</li> <li>4. Comments received in the Local Impact Reports.</li> </ol> |
| Traffic Impacts Mitigation Strategy (TIMS)                            | 7.7        | TIMS has been updated to include a set of traffic-related mitigation triggers. The triggers are intended to provide further insight on the Scheme effects and will be reported in the annual monitoring reports for consideration by Silvertown Tunnel Implementation Group.   |
| Outline Business Case (OBC) Table 3-1 (Charges for the Assessed Case) | 8.35       | Table 3-1 of the OBC has been updated to correct an error in the table. Please note that only this updated table and not the whole OBC has been re-submitted at this deadline.   |
| ES Appendix 10.B  | 6.3.10.2   | As identified by the MMO in their WR, the original Figure 2 had the littoral coarse habitat biotope in the south of the study area and the littoral mud biotope in the north which was incorrect and did not reflect the text in appendix 10.B. The updated Figure 2 now shows the correct habitats in line with the text.   |
| ES Drawing 10.C   | ES Drawing | As identified by the MMO in their WR, the original Drawing 10.3 had the littoral coarse habitat biotope  |

|                                 |                       |   |
|---------------------------------|-----------------------|---|
|                                 | 10.3                  | <p>in the south of the study area and the littoral mud biotope in the north which was incorrect and did not reflect the text in Appendix 10.B.</p> <p>The updated Drawing 10.3 now shows the correct habitats in line with Appendix 10.B.</p> <p>This drawing has been submitted to the planning inspectorate in hard and electronic copy.</p>  |
| ES Appendix 17A<br>Drawing 17.2 | ES<br>Drawing<br>17.2 | <p>Drawing 17.2 of the ES Appendix 17.A illustrates both the Thames Wharf and the Carlsberg Tetley (CT) sites as being part of Newham Core Strategy Strategic Site S08. The designation only applies to the Thames Wharf site. This drawing has therefore been corrected to exclude the CT site and thus fully reflect the Core Strategy designation.</p> <p>This drawing has been submitted to the planning inspectorate in hard copy.</p> |

## 7. *New reports to be submitted*

In response to discussions with Interested Parties and actions points arising from the ASI, ISH on traffic and transport modelling and the CAH, a number of new documents are submitted. Each new document is listed below together with an explanation of its purpose.

| <b><i>New reports</i></b>          | <b><i>TfL Reference Number</i></b> | <b><i>Reason for new document</i></b>   |
|------------------------------------|------------------------------------|---|
| Document Explaining DCO amendments | 8.25                               | As requested by the ExA in FWQ DC.2, this document provides a brief explanation for each change made to |

|   |      |  |
|---|------|--|
|   |      | the dDCO.  |
| Adjacent River Crossings Note   | 8.41 | This note has been prepared in response to issues raised in WRs and LIRs.  |
| Commentary on interface between strategic modelling and local modelling including an information note for Royal Borough of Greenwich, London Borough of Newham and London Borough of Tower Hamlets. | 8.42 | Requested by the ExA in action point 7 of the ISH on traffic and transport modelling.  |
| Details of Proposed Noise Barriers at Siebert Road  | 8.32 | Requested by the ExA in action point 4 for ASI.  |
| Updated Air Quality and Health Assessment   | 8.33 | <p>This Report provides the results of an updated air quality assessment carried out by the Applicant to take account of the following factors which emerged after the application for development consent was submitted:</p> <ul style="list-style-type: none"> <li>• An updated suite of air quality modelling tools issued by the Department for Environment, Food and Rural Affairs (Defra) in July 2016;</li> <li>• Additional over height vehicles (OHVs) that could use the Silvertown Tunnel but which could not be accounted for in the traffic model;</li> </ul> |

|  |      |   |
|--|------|---|
|  |      | <ul style="list-style-type: none"> <li>The new requirement included in the dDCO submitted by the Applicant in November 2016 (REP1-095) that any buses using the Silvertown Tunnel will be equipped with engines that are of Euro VI (or equivalent) emissions class engines.</li> </ul> <p>This report also provides an update to the air quality results presented within the Health and Equalities Impact Assessment (APP-090) submitted with the application. It uses the result of the updated air quality assessment described above to provide quantification of changes in population exposure to air pollution as a result of the Scheme and of mortality rates resulting from those changes.</p> |
| Distribution of User Benefits              | 8.34 | <p>In its LIR, RB Greenwich states that the presentation of benefits at a Borough level in the Economic Assessment Report makes it difficult to determine the full extent of impacts at a local level.</p> <p>This note provides more detail on the spatial distribution of user benefits resulting from the Silvertown Tunnel Scheme in order to identify the impacts of the scheme on specific neighbourhoods and to understand how the distribution of benefits maps against the pattern of deprivation.</p>   |
| Silvertown Modelling- Model Responsiveness | 8.43 | Requested by the ExA in action point 1 and 2 of the ISH on traffic and transport modelling.   |
| Appendix A- Values of time note            | 8.44 |   |
| Appendix B- Thames Gateway Bridge          | 8.45 |   |

|   |      |  |
|---|------|--|
| Value of Time Study – Modelling Report  |      |  |
| Appendix C- Silvertown Crossing: Summary of Data Collection - Travel in London Supplementary Report   | 8.46 |  |
| Appendix D- River Crossings - Behavioural Surveys Final Report  | 8.47 |  |
| Confirmation of dates for engagement with LB Southwark prior to submission of application and whether omission of Southwark from list of Boroughs engaged with in TT1.16 is an error. | 8.53 | Requested by the ExA in action point 4 of the ISH on traffic and transport modelling.  |
| Corrected answer to FWQ TT6   | 8.54 | Requested by the ExA in action point 5 of the ISH on traffic and transport modelling.  |
| Silvertown modelling- Changes in Public Transport Travel  | 8.52 | Requested by the ExA in action point 6 of the ISH on traffic and transport modelling.  |
| Summary of Key Data Set Outputs from the Traffic and Transport  | 8.55 | As requested within the ISH on traffic and transport modelling (action point 8) further details are been provided of the key data set outputs from the Traffic |

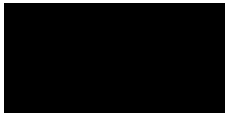


|  |      |   |
|--|------|---|
| Models that were used as Inputs to Prepare the Air Quality Assessments   |      | and Transport Models that were used as inputs to prepare the air quality assessment.  |
| Explanation of Anomalies Regarding the Interface between the Traffic/Transport Modelling Outputs and Noise Assessments | 8.55 | Further Details have been provided of the Annual Average Weekly Traffic (AAWT) data used in the noise assessment in response to a query raised at the traffic and transport modelling ISH on the 07/12/16 (action point 9).   |
| Woolwich Ferry Waiting Area Improvement Study  | 8.51 | This note has been prepared in response to issues raised in WRs and LIRs.   |
| Growth Assumptions   | 8.48 | This note has been prepared in response to issues raised in WRs and LIRs.   |
| Silvertown Modelling Responsiveness- RSI Data and matrix development.  | 8.49 | This note has been prepared in response to issues raised in WRs and LIRs.   |
| SDG Memo on Cross River trips.   | 8.50 | This note has been prepared in response to issues raised in WRs and LIRs.   |
| Update on Discussions with Public Health England   | 8.31 | PHE declined to proceed with a SoCG or submit a Written Representation. Therefore the Applicant has worked to reach an agreement on key issues by exchange of letters, which are submitted together with a summary note. These set out the current position with PHE. |
| TfLs Written Summary for Traffic and Transport Modelling ISH   | 8.29 | Requested by the Planning Inspectorate for deadline 2.  |

|                                     |      |  |
|-------------------------------------|------|--|
| 071216                              |      |  |
| TfLs Written Summary for CAH 081216 | 8.30 | Requested by the Planning Inspectorate for deadline 2. |

If you would like to discuss any aspect of this letter, please do not hesitate to contact me.

Yours sincerely



David Rowe  
Silvertown Tunnel Project Sponsor

| Silvertown Tunnel Deadline 2 Submission Documents                                       |                 |  |   |
|---|-----------------|--|---|
| TR010021  |                 |  |   |
| Document Name   | Reference       | Folder                                 | Filename  |
| Cover letter  | 8.24            | Cover Letter                           | 8.24 Deadline 2 Cover Letter  |
| Draft DCO   | 3.1             | Updated Application Documents          | 3.1 Draft DCO R2  |
| Draft DCO (Tracked Changes)   | 3.1             | Updated Application Documents          | 3.1 Draft DCO R2_TC   |
| Explanatory Memorandum to Draft DCO   | 3.2             | Updated Application Documents          | 3.2 Explanatory Memorandum to DCO R2  |
| Explanatory Memorandum to Draft DCO (Tracked Changes)                                   | 3.2             | Updated Application Documents          | 3.2 Explanatory Memorandum to DCO R2_TC   |
| ES Drawing 10.3   | ES Drawing 10.3 | Updated Application Documents          | ES Drawing 10.3 R1  |
| ES Drawing 17.2   | ES Drawing 17.2 | Updated Application Documents          | ES Drawing 17.2 R1  |
| ES Appendix 10.B Marine Ecology Survey Report   | 6.3.10.2        | Updated Application Documents          | 6.3.10.2 ES Appendix 10.B Marine Ecology Survey Report R1                                 |
| ES Appendix 10.B Marine Ecology Survey Report (Tracked Changes)                         | 6.3.10.2        | Updated Application Documents          | 6.3.10.2 ES Appendix 10.B Marine Ecology Survey Report R1_TC                              |
| Code of Construction Practice (CoCP)  | 6.10            | Updated Application Documents          | 6.10 Code of Construction Practice R2   |
| Code of Construction Practice (CoCP) (Tracked Changes)                                  | 6.10            | Updated Application Documents          | 6.10 Code of Construction Practice R2_TC  |
| Design Principles   | 7.4             | Updated Application Documents          | 7.4 Design Principles R1  |
| Design Principles (Tracked Changes)   | 7.4             | Updated Application Documents          | 7.4 Design Principles R1_TC   |
| Traffic Impacts Mitigation Strategy   | 7.7             | Updated Application Documents          | 7.7 Traffic Impacts Mitigation Strategy R1  |
| Traffic Impacts Mitigation Strategy (Tracked Changes)                                   | 7.7             | Updated Application Documents          | 7.7 Traffic Impacts Mitigation Strategy R1_TC   |
| Outline Business Case Correction  | 8.35            | Updated Application Documents          | 8.35 Outline Business Case Correction   |
| Statement of Common Ground between TfL and the MMO submitted at D2                      | SoCG008         | Statements of Common Ground            | SoCG008 - Statement of Common Ground between TfL and the MMO submitted at D2              |
| Statement of Common Ground between TfL and Essex County Council submitted at D2         | SoCG004         | Statements of Common Ground            | SoCG004 - Statement of Common Ground between TfL and Essex County Council submitted at D2 |
| Comments on Written Representations - Statutory Bodies                                  | 8.36            | Comments on Non-Borough WRs            | 8.36 Comments on Written Representations - Statutory Bodies                               |
| Comments on Written Representations - Land Interests Volume 1                           | 8.37            | Comments on Non-Borough WRs            | 8.37 Comments on Written Representations - Land Interests Part 1                          |
| Comments on Written Representations - Land Interests Volume 2                           | 8.38            | Comments on Non-Borough WRs            | 8.38 Comments on Written Representations - Land Interests Part 2                          |
| Comments on Written Representations - Community   | 8.39            | Comments on Non-Borough WRs            | 8.39 Comments on Written Representations - Community                                      |
| Comments on Written Representations - Other   | 8.40            | Comments on Non-Borough WRs            | 8.40 Comments on Written Representations - Other  |
| Comments on Borough Local Impact Reports and Written Representations                    | 8.27            | Comments on Borough LIRs and WRs       | 8.27 Comments on Borough LIRs and WRs   |
| Appendices to Comments on Borough Local Impact Reports and Written Representations      | 8.28            | Comments on Borough LIRs and WRs       | 8.28 Appendices to Comments on Borough LIRs and WRs                                       |
| Comments on Responses to ExA's First Written Questions                                  | 8.26            | Comments on Responses to FWQs          | 8.26 Comments on Responses to FWQs  |
| Document Explaining DCO Amendments  | 8.25            | New Documents Submitted for Deadline 2 | 8.25 Document Explaining DCO Amendments   |
| Adjacent Crossings Technical Note   | 8.41            | New Documents Submitted for Deadline 2 | 8.41 Adjacent River Crossings   |
| Commentary on Interface Between Strategic & Local Modelling                             | 8.42            | New Documents Submitted for Deadline 2 | 8.42 Commentary on Interface between Strategic and Local Modelling                        |
| Details of Proposed Noise Barriers at Siebert Road                                      | 8.32            | New Documents Submitted for Deadline 2 | 8.32 Details of Proposed Noise Barriers at Siebert Road                                   |
| Updated Air Quality and Health Assessment   | 8.33            | New Documents Submitted for Deadline 2 | 8.33 Updated Air Quality and Health Assessment  |
| Distribution of User Benefits   | 8.34            | New Documents Submitted for Deadline 2 | 8.34 Distribution of User Benefits  |
| Post-hearing Submission Document (Traffic & Transport)                                  | 8.29            | New Documents Submitted for Deadline 2 | 8.29 TfLs Written Summary for Traffic and Transport Modelling ISH 071216                  |
| Post-hearing Submission Document (Compulsory Acquisition)                               | 8.30            | New Documents Submitted for Deadline 2 | 8.30 TfLs Written Summary for CAH 081216  |
| Silvertown Modelling - Model Responsiveness   | 8.43            | New Documents Submitted for Deadline 2 | 8.43 Silvertown Modelling - Model Responsiveness  |
| Silvertown Modelling: Value of Time Discussion Note                                     | 8.44            | New Documents Submitted for Deadline 2 | 8.44 Silvertown Modelling - Value of Time Discussion Note                                 |
| Thames Gateway Bridge Value of Time Study - Modelling Report                            | 8.45            | New Documents Submitted for Deadline 2 | 8.45 Thames Gateway Bridge VoT Study - Modelling Report                                   |
| Silvertown Crossing: Summary of Data Collection - Travel in London Supplementary Report | 8.46            | New Documents Submitted for Deadline 2 | 8.46 Silvertown Crossing - Summary of Data Collection                                     |
| River Crossings - Behavioural Surveys Final Report                                      | 8.47            | New Documents Submitted for Deadline 2 | 8.47 River Crossings - Behavioural Surveys Final Report                                   |
| Silvertown Modelling - Changes in Cross-River PT Travel                                 | 8.52            | New Documents Submitted for Deadline 2 | 8.52 Silvertown Modelling - Changes in Cross-River PT Travel                              |
| TfL Engagement with LB Southwark  | 8.53            | New Documents Submitted for Deadline 2 | 8.53 TfL Engagement with LB Southwark   |
| TfL Corrected Answer to TT6   | 8.54            | New Documents Submitted for Deadline 2 | 8.54 TfL Corrected Answer to TT6  |
| 8.55 TfL Response to Action Points 8 and 9 from TT ISH                                  | 8.55            | New Documents Submitted for Deadline 2 | 8.55 TfL Response to Action Points 8 and 9 from TT ISH                                    |
| Data to Accompany 8.55 - Excel Spreadsheet  | N/A             | New Documents Submitted for Deadline 2 | Data to Accompany 8.55  |
| Growth Assumptions  | 8.48            | New Documents Submitted for Deadline 2 | 8.48 Growth Assumptions   |
| RSI Data and Matrix Development   | 8.49            | New Documents Submitted for Deadline 2 | 8.49 RSI Data and Matrix Development  |
| Steer Davies Gleave Memo on Cross-River Trips   | 8.50            | New Documents Submitted for Deadline 2 | 8.50 Steer Davies Gleave Memo   |
| Woolwich Ferry Waiting Area Improvement Study   | 8.51            | New Documents Submitted for Deadline 2 | 8.51 Woolwich Ferry Waiting Area Improvement Study  |
| Update on Discussions with Public Health England  | 8.31            | New Documents Submitted for Deadline 2 | 8.31 Note regarding Public Health England Correspondence                                  |