

28th SUPPLEMENTAL AGREEMENT

between

NETWORK RAIL INFRASTRUCTURE LIMITED
as Network Rail

And

GOVIA THAMESLINK RAILWAY LIMITED
as Train Operator

relating to the Track Access Contract (Passenger
Services) dated 02 March 2016

CONTENTS

| | | |
|-----|-------------------------------|----|
| 1. | INTERPRETATION..... | 3 |
| 2. | EFFECTIVE DATE AND TERM | 3 |
| 3. | AMENDMENTS TO CONTRACT..... | 4 |
| 4. | GENERAL..... | 4 |
| 5. | THIRD PARTY RIGHTS..... | 4 |
| 6. | LAW..... | 4 |
| 7. | COUNTERPARTS | 4 |
| 8. | ANNEX A..... | 6 |
| 9. | ANNEX B..... | 20 |
| 10. | ANNEX C..... | 21 |
| 11. | ANNEX D..... | 22 |

THIS 28TH SUPPLEMENTAL AGREEMENT is dated **23 APRIL** 2019 and made

BETWEEN:

- (1) **NETWORK RAIL INFRASTRUCTURE LIMITED**, a company registered in England under number 2904587 having its registered office at 1 Eversholt Street, London, NW1 2DN ("Network Rail"); and
- (2) **GOVIA THAMESLINK RAILWAY LIMITED**, a company registered in England under number 07934306, having its registered office at 3rd Floor, 41-51 Grey Street, Newcastle upon Tyne, NE1 6EE (the "Train Operator").

WHEREAS:

- (A) The parties entered into a Track Access Contract (Passenger Services) dated 02 March 2016 in a form approved by the Office of Rail and Road ("ORR") pursuant to Section 18(7) of the Act, as amended by various supplemental agreements each in a form approved by ORR pursuant to Section 22 of the Act (which track access contract as subsequently amended is hereafter referred to as the "Contract").
- (B) The parties wish to amend the Contract in the terms described below.

IT IS HEREBY AGREED as follows:

1. INTERPRETATION

In this Supplemental Agreement:

- 1.1 Words and expressions defined in and rules of interpretation set out in the Contract shall have the same meaning and effect when used in this Supplemental Agreement except where the context requires otherwise; and
- 1.2 "Effective Date" means the later of:
 - (1) 0200 hours on the Subsidiary Change Date 2019; and
 - (2) the date upon which the Office of Rail and Road issues its approval, pursuant to Section 22 of the Act, of the terms of this Supplemental Agreement.
- 1.3 "Annex" shall mean the annexes and their relevant parts and attached hereto.

2. EFFECTIVE DATE AND TERM

- 2.1. The amendments to the Contract pursuant to this Supplemental Agreement shall have effect from the Effective Date and shall cease to have effect on the Expiry Date or earlier termination of the Contract.

3. AMENDMENTS TO THE CONTRACT

- 3.1 Table 2.1 Passenger Train Slots of Schedule 5 of the Contract, the entries relating to Service Groups ET01, ET02, ET04, ET05 and ET12 shall be deleted and replaced by those as set out in Annex A to this Supplemental Agreement.
- 3.2 Table 2.2 Additional Passenger Train Slots of Schedule 5 of the Contract, the entries relating to ET05 shall be deleted in its entirety and replaced by those as set out in Annex B to this Supplemental Agreement.
- 3.3 The Footnotes to Table 2.2 Additional Passenger Train Slots of Schedule 5 shall added at the bottom of Table 2.2 as those set out in Annex C to this Supplemental Agreement.
- 3.4 After Paragraph 2.3 of Schedule 5 of the Contract the following paragraph 2.3.1 shall be added as follows:

"2.3.1 If the Train Operator submits Access Proposals under the timetable process in Part D of the Network Code which seeks to combine a Firm Right for a Passenger Train Slot and a Contingent Right for an additional Passenger Train Slot at St Pancras International (northbound) or Blackfriars (southbound) in order to provide a through service, if the Access Proposal using the Contingent Right is rejected by Network Rail, the corresponding Firm Right shall also be considered as a Contingent Right.
- 3.5 Table 4.1 Calling Patterns of Schedule 5 of the Contract, the entries related to ET04 and ET05 shall be deleted in its entirety and replaced by those as set out in Annex D to this Supplemental Agreement.

4. GENERAL

The Contract, as amended by this Supplemental Agreement, shall remain in full force and effect in accordance with its terms, and during the period in which the amendments made by this Supplemental Agreement are to have effect, all references in the Contract to "the contract", "herein", "hereof", "hereunder" and other similar expressions shall, unless the context requires otherwise, be read and construed as a reference to the Contract as amended by this Supplemental Agreement.

5. THIRD PARTY RIGHTS

No person who is not a party to this Supplemental Agreement shall have any right under the Contracts (Rights of Third Parties) Act 1999 to enforce any term of this Supplemental Agreement.

6. LAW

This Supplemental Agreement shall be governed by, construed and given effect to in all respects in accordance with English Law.

7. COUNTERPARTS

This Supplemental Agreement may be executed in any number of counterparts, each of which when executed and delivered shall constitute an original, but all the counterparts shall together constitute but one and the same document.

IN WITNESS whereof the duly authorised representatives of Network Rail and the Train Operator have executed this Supplemental Agreement on the date first above written.

SIGNED by 

Print name J. Halsall

Duly authorised for and on behalf of
NETWORK RAIL INFRASTRUCTURE LIMITED

SIGNED by 

Print name S WHITE

Duly authorised for and on behalf of
GOVIA THAMESLINK RAILWAY LIMITED

Annex A

Table 2.1 Passenger Train Slots

| 1 | | | | | | 2 | | | | | |
|--|--|---------------|-------------|----------|-------------|-------------------------|-----------------|-----------------------------|----------------------------|------------------|------------------|
| Service Group: ET02 | | | | | | | | | | | |
| Service description: Thameslink Sussex Outer | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ¹ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| Blackfriars | Brighton | London Bridge | 2.1 | 22721000 | 700 | 0 | 6 ²⁰ | 29 ²⁰ | 35 ²⁰ | 35 ²⁰ | 29 ²⁰ |
| Blackfriars ⁵⁹ | Brighton ⁵⁹ | London Bridge | 2.2 | 22721000 | 700 | 0 | 6 ²¹ | 26 ²¹ | 32 ²¹ | 17 ²¹ | 0 |
| Blackfriars | Brighton | Selhurst | 2.3 | 22721000 | 700 | 0 | 0 | 3 ²⁰ | 3 ²⁰ | 3 ²⁰ | 2 ²⁰ |
| London Bridge | Brighton | | 2.4 | 22721000 | 700 | 0 | 0 | 0 | 0 | 0 | 3 |
| Brighton | St Pancras International | London Bridge | 2.5 | 22721000 | 700 | 6 ²² | 0 | 29 ²² | 35 ²² | 35 ²² | 28 ²² |
| Brighton ⁵⁹ | St Pancras International ⁵⁹ | London Bridge | 2.6 | 22721000 | 700 | 6 ²³ | 0 | 26 ²³ | 32 ²³ | 18 ²³ | 0 |
| Brighton | St Pancras International | Selhurst | 2.7 | 22721000 | 700 | 0 | 0 | 4 ²² | 4 ²² | 4 ²² | 4 ²² |

| 1 | | | | | | 2 | | | | | |
|--|-------------------------------|--------------------------------|-------------|----------|-------------|-------------------------|-----------------|-----------------------------|----------------------------|------------------|------------------|
| Service Group: ET02 | | | | | | | | | | | |
| Service description: Thameslink Sussex Outer | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ¹ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| Brighton | London Bridge | | 2.8 | 22721000 | 700 | 0 | 0 | 0 | 0 | 0 | 3 |
| Blackfriars | Littlehampton | London Bridge & Haywards Heath | 2.9 | 22721000 | 700 | 0 | 2 ²⁰ | 1 ²⁰ | 3 ²⁰ | 0 | 0 |
| Littlehampton | St Pancras International | London Bridge & Haywards Heath | 2.10 | 22721000 | 700 | 2 ²² | 0 | 0 | 2 ²² | 0 | 0 |
| Littlehampton | Haywards Heath | | 2.11 | 22721000 | 700 | 0 | 0 | 1 | 1 | 0 | 0 |
| Blackfriars ⁶⁰ | Gatwick Airport ⁶⁰ | London Bridge | 2.12 | 22729000 | 700 | 0 | 6 ²⁰ | 16 ²⁰ | 32 ²⁰ | 28 ²⁰ | 24 ²⁰ |

| 1 | | | | | | 2 | | | | | |
|--|--|---------------|-------------|----------|-------------|-------------------------|--------------|-----------------------------|----------------------------|------------------|------------------|
| Service Group: ET02 | | | | | | | | | | | |
| Service description: Thameslink Sussex Outer | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ¹ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| London Bridge | Gatwick Airport | London Bridge | 2.13 | 22729000 | 700 | 0 | 0 | 0 | 0 | 0 | 1 |
| Gatwick Airport ⁶² | St Pancras International ⁶² | London Bridge | 2.14 | 22729000 | 700 | 4 ² | 0 | 30 ²² | 34 ²² | 31 ²² | 26 ²² |
| Blackfriars ⁶¹ | Three Bridges ⁶¹ | London Bridge | 2.15 | 22729000 | 700 | 0 | 0 | 6 ²⁴ | 6 ²⁴ | 5 ²⁴ | 17 ²⁴ |
| Blackfriars | Three Bridges | Selhurst | 2.16 | 22729000 | 700 | 0 | 0 | 3 ²⁰ | 3 ²⁰ | 1 ²⁰ | 20 |
| London Bridge | Three Bridges | | 2.17 | 22729000 | 700 | 0 | 0 | 2 | 2 | 0 | 0 |
| Three Bridges ⁶³ | St Pancras International ⁶³ | London Bridge | 2.18 | 22729000 | 700 | 2 ²⁰ | 0 | 5 ²² | 7 ²² | 2 ²² | 14 ²² |
| Three Bridges | St Pancras International | Selhurst | 2.19 | 22729000 | 700 | 0 | 0 | 2 ²² | 2 ²² | 7 ²² | 0 |

| 1 | | | | | | 2 | | | | | |
|--|--|---------------|-------------|----------|-------------|-------------------------|-----------------|-----------------------------|----------------------------|------------------|------------------|
| Service Group: ET02 | | | | | | | | | | | |
| Service description: Thameslink Sussex Outer | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ¹ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| Three Bridges | London Bridge | | 2.20 | 22729000 | 700 | 0 | 0 | 0 | 0 | 0 | 2 |
| Blackfriars ⁵⁹ | Horsham ⁵⁹ | London Bridge | 2.21 | 22729000 | 700 | 0 | 6 ²⁵ | 30 ²⁵ | 36 ²⁵ | 35 ²⁵ | 13 ²⁵ |
| London Bridge | Horsham | | 2.22 | 22729000 | 700 | 0 | 0 | 0 | 0 | 0 | 3 |
| Horsham ⁶⁴ | St Pancras International ⁶⁴ | London Bridge | 2.23 | 22729000 | 700 | 6 ²⁶ | 0 | 30 ²⁶ | 36 ²⁶ | 35 ²⁶ | 13 ²⁶ |
| Horsham ⁶⁵ | St Pancras International ⁶⁵ | Selhurst | 2.24 | 22729000 | 700 | 0 | 0 | 1 ²⁶ | 1 ²⁶ | 1 ²⁶ | 0 |
| Horsham | London Bridge | | 2.25 | 22729000 | 700 | 0 | 0 | 0 | 0 | 0 | 3 |
| Horsham | Three Bridges | | 2.26 | 22729000 | 700 | 0 | 0 | 0 | 0 | 0 | 1 |
| Blackfriars | East Grinstead | London Bridge | 2.27 | 22729001 | 700 | 0 | 6 ²⁹ | 5 ²⁹ | 11 ²⁹ | 0 | 0 |
| London Bridge | East Grinstead | | 2.28 | 22729001 | 700 | 0 | 0 | 1 | 1 | 0 | 0 |

| 1 | | | | | | 2 | | | | | |
|--|--------------------------|---------------|-------------|----------|-------------|-------------------------|--------------|-----------------------------|----------------------------|----------|--------|
| Service Group: ET02 | | | | | | | | | | | |
| Service description: Thameslink Sussex Outer | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ¹ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| East Grinstead | St Pancras International | London Bridge | 2.29 | 22729001 | 700 | 2 ²⁰ | 0 | 3 ²⁰ | 5 ²⁰ | 0 | 0 |
| East Grinstead | London Bridge | | 2.30 | 22729001 | 700 | 0 | 0 | 1 | 1 | 0 | 0 |
| London Bridge | Gatwick Airport | Quarry Lines | 2.31 | 22729000 | 700 | 0 | 0 | 1 | 1 | 0 | 0 |
| London Bridge | Horsham | Quarry Lines | 2.32 | 22729000 | 700 | 0 | 0 | 1 | 1 | 0 | 0 |

| 1 | | | | | | 2 | | | | | |
|---|-------------|----------------|-------------|----------|-------------|-------------------------|--------------|-----------------------------|----------------------------|----------|--------|
| Service Group: ET04 | | | | | | | | | | | |
| Service description: Great Northern Metro | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ⁴ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| Hertford North | Moorgate | | 4.1 | 21724000 | 313 | 1 | 0 | 27 | 28 | 37 | 2 |
| Hertford North | Moorgate | | 4.2 | 21724000 | 313 | 1 | 0 | 4 | 5 | 0 | 0 |
| Hertford North | Moorgate | | 4.3 | 21724000 | 313 | 7 | 0 | 1 | 8 | 0 | 0 |
| Stevenage | Moorgate | Hertford North | 4.4 | 21724000 | 313 | 1 | 0 | 2 | 3 | 21 | 34 |
| Watton-on-Stone | Moorgate | | 4.5 | 21724000 | 313 | 5 | 0 | 29 | 35 | 17 | 0 |
| Gordon Hill | Moorgate | | 4.6 | 21724000 | 313 | 7 | 0 | 4 | 11 | 0 | 0 |
| Finsbury Park | Moorgate | | 4.7 | 21724000 | 313 | 0 | 0 | 5 | 5 | 2 | 1 |
| Welwyn Garden City | Moorgate | | 4.8 | 21723000 | 313 | 6 | 0 | 21 | 27 | 38 | 34 |
| Welwyn Garden City | Moorgate | | 4.9 | 21723000 | 313 | 0 | 0 | 25 | 25 | 32 | 27 |
| Welwyn Garden City | Moorgate | | 4.10 | 21723000 | 313 | 6 | 0 | 13 | 19 | 0 | 0 |
| Welwyn Garden City | Kings Cross | | 4.11 | 21723000 | 313 | 0 | 0 | 1 | 1 | 1 | 0 |
| Welwyn Garden City | Kings Cross | | 4.12 | 22723100 | 700 | 6 | 0 | 7 | 13 | 1 | 0 |

| 1 | | | | | | 2 | | | | | |
|--|--------------------|----------------|-------------|----------|-------------|-------------------------|--------------|-----------------------------|----------------------------|----------|--------|
| Service Group: ET04 | | | | | | | | | | | |
| Service description Great Northern Metro (continued) | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ⁴ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| Moorgate | Hertford North | | 4.15 | 21724000 | 313 | 0 | 1 | 26 | 27 | 33 | 2 |
| Moorgate | Hertford North | | 4.16 | 21724000 | 313 | 0 | 1 | 8 | 9 | 0 | 0 |
| Moorgate | Hertford North | | 4.17 | 21724000 | 313 | 0 | 0 | 3 | 3 | 0 | 0 |
| Moorgate | Stevenage | Hertford North | 4.18 | 21724000 | 313 | 0 | 0 | 3 | 3 | 20 | 33 |
| Moorgate | Watton-on-Stone | | 4.19 | 21724000 | 313 | 0 | 6 | 29 | 35 | 18 | 0 |
| Moorgate | Gordon Hill | | 4.20 | 21724000 | 313 | 0 | 6 | 6 | 12 | 0 | 0 |
| Moorgate | Finsbury Park | | 4.21 | 21724000 | 313 | 0 | 0 | 1 | 1 | 0 | 1 |
| Moorgate | Welwyn Garden City | | 4.22 | 21723000 | 313 | 0 | 11 | 28 | 39 | 38 | 37 |
| Moorgate | Welwyn Garden City | | 4.23 | 21723000 | 313 | 0 | 0 | 28 | 28 | 34 | 25 |
| Moorgate | Welwyn Garden City | | 4.24 | 21723000 | 313 | 0 | 1 | 4 | 5 | 0 | 0 |

| 1 | | | | | | 2 | | | | | |
|--|--------------------|----------------|-------------|----------|-------------|-------------------------|--------------|-----------------------------|----------------------------|----------|--------|
| Service Group: ET04 | | | | | | | | | | | |
| Service description: Great Northern Metro (continued) | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ⁴ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| Kings Cross | Hertford North | | 4.25 | 21724000 | 313 | 0 | 0 | 2 | 2 | 2 | 1 |
| Kings Cross | Stevenage | Hertford North | 4.26 | 21724000 | 313 | 0 | 0 | 0 | 0 | 1 | 2 |
| Kings Cross | Welwyn Garden City | | 4.27 | 21723000 | 313 | 0 | 0 | 0 | 0 | 0 | 1 |
| Kings Cross | Finsbury Park | | 4.28 | 21723000 | 313 | 0 | 0 | 0 | 0 | 0 | 1 |
| Kings Cross | Welwyn Garden City | | 4.29 | 22723100 | 700 | 0 | 5 | 8 | 13 | 2 | 0 |
| Kings Cross | Watton-at-Stone | | 4.30 | 21724000 | 313 | 0 | 0 | 1 | 1 | 0 | 0 |

| 1 | | | | | | 2 | | | | | |
|---|--------------|--------------------|-------------|----------|-------------|-------------------------|--------------|-----------------------------|----------------------------|------------------|------------------|
| Service Group: ET05 ⁶⁶ | | | | | | | | | | | |
| Service description: Great Northern Outer | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ⁵ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| Peterborough | King's Cross | Welwyn Garden City | 5.1 | 21727000 | 365 | 6 | 0 | 6 | 12 | 3 | 3 |
| Peterborough | King's Cross | Welwyn Garden City | 5.2 | 21727000 | 365 | 0 | 0 | 0 | 0 | 0 | 1 |
| Peterborough | King's Cross | Welwyn Garden City | 5.3 | 22727100 | 700 | 0 | 0 | 4 | 4 | 4 | 4 |
| Peterborough | Blackfriars | Welwyn Garden City | 5.4 | 22727100 | 700 | 6 | 0 | 30 ³⁸ | 36 ³⁸ | 36 ³⁸ | 13 ³⁸ |
| King's Lynn | King's Cross | Welwyn Garden City | 5.5 | 21725000 | 365 | 5 | 0 | 17 | 22 | 19 | 15 |
| King's Lynn | Cambridge | | 5.7 | 21725000 | 365 | 0 | 0 | 1 | 1 | 1 | 0 |
| Ely | King's Cross | Welwyn Garden City | 5.8 | 21725000 | 365 | 0 | 0 | 12 | 12 | 17 | 0 |
| Ely | Cambridge | | 5.9 | 21725000 | 365 | 0 | 0 | 0 | 3 | 2 | 0 |
| Cambridge North | King's Cross | Welwyn Garden City | 5.11 | 22726100 | 700 | 2 | 0 | 15 | 17 | 17 | 0 |

| 1 | | | | | | 2 | | | | | |
|---|--------------|--------------------|-------------|----------|-------------|-------------------------|--------------|-----------------------------|----------------------------|------------------|------------------|
| Service Group: ET05 ⁶⁶ | | | | | | | | | | | |
| Service description: Great Northern Outer | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ⁵ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| Cambridge | Blackfriars | Welwyn Garden City | 5.13 | 22726100 | 700 | 3 ⁴⁰ | 0 | 13 ⁴⁰ | 16 ⁴⁰ | 16 ⁴⁰ | 14 ⁴⁰ |
| Cambridge | King's Cross | Welwyn Garden City | 5.14 | 21726000 | 365 | 0 | 0 | 0 | 1 | 0 | 1 |
| Cambridge | King's Cross | Welwyn Garden City | 5.15 | 22726100 | 700 | 4 | 0 | 15 | 19 | 20 | 2 |
| Cambridge | King's Cross | Welwyn Garden City | 5.16 | 21726000 | 365 | 0 | 0 | 0 | 0 | 0 | 17 |
| Baldock | King's Cross | Welwyn Garden City | 5.17 | 21726000 | 365 | 1 | 0 | 1 | 2 | 0 | 0 |
| Royston | King's Cross | Welwyn Garden City | 5.18 | 22726100 | 700 | 0 | 0 | 1 | 1 | 1 | 0 |
| Royston | King's Cross | Welwyn Garden City | 5.19 | 21726000 | 365 | 1 | 0 | 0 | 1 | 0 | 0 |
| Letchworth Garden City | King's Cross | Welwyn Garden City | 5.20 | 22726100 | 700 | 0 | 0 | 2 | 2 | 1 | 3 |

| 1 | | | | | | 2 | | | | | |
|---|--------------|--------------------|-------------|----------|-------------|-------------------------|-----------------|-----------------------------|----------------------------|------------------|------------------|
| Service Group: ET05 ⁶⁶ | | | | | | | | | | | |
| Service description: Great Northern Outer | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ⁵ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| King's Cross | Peterborough | Welwyn Garden City | 5.21 | 21727000 | 365 | 0 | 5 | 5 | 10 | 3 | 3 |
| King's Cross | Peterborough | Welwyn Garden City | 5.22 | 22727100 | 700 | 0 | 0 | 4 | 4 | 4 | 4 |
| King's Cross | Peterborough | Welwyn Garden City | 5.23 | 21727000 | 365 | 0 | 0 | 0 | 0 | 0 | 1 |
| St Pancras International | Peterborough | Welwyn Garden City | 5.24 | 22727100 | 700 | 0 | 6 ⁴¹ | 30 ⁴¹ | 36 ⁴¹ | 36 ⁴¹ | 13 ⁴¹ |
| King's Cross | King's Lynn | Welwyn Garden City | 5.25 | 21725000 | 365 | 0 | 4 | 18 | 22 | 21 | 16 |
| Cambridge | King's Lynn | | 5.26 | 21725000 | 365 | 0 | 0 | 3 | 3 | 0 | 0 |
| King's Cross | Ely | Welwyn Garden City | 5.27 | 21725000 | 365 | 0 | 2 | 11 | 13 | 14 | 0 |
| Cambridge | Ely | | 5.28 | 21725000 | 365 | 0 | 0 | 2 | 2 | 1 | 0 |
| St Pancras International | Cambridge | Welwyn Garden City | 5.31 | 22726100 | 700 | 0 | 3 ⁴³ | 15 ⁴³ | 18 ⁴³ | 18 ⁴³ | 14 ⁴³ |

| 1 | | | | | | 2 | | | | | |
|---|------------------------|--------------------|-------------|----------|-------------|-------------------------|--------------|-----------------------------|----------------------------|----------|--------|
| Service Group: ET05 ⁶⁶ | | | | | | | | | | | |
| Service description: Great Northern Outer | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ⁵ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| King's Cross | Baldock | Welwyn Garden City | 5.32 | 21726000 | 365 | 0 | 3 | 0 | 3 | 0 | 0 |
| King's Cross | Cambridge | Welwyn Garden City | 5.33 | 21726000 | 365 | 0 | 0 | 1 | 1 | 0 | 2 |
| King's Cross | Cambridge | Welwyn Garden City | 5.34 | 22726100 | 700 | 0 | 3 | 20 | 23 | 24 | 1 |
| King's Cross | Cambridge | Welwyn Garden City | 5.35 | 21726000 | 365 | 0 | 0 | 0 | 0 | 0 | 18 |
| King's Cross | Cambridge North | Welwyn Garden City | 5.36 | 22726100 | 700 | 0 | 3 | 13 | 16 | 16 | 0 |
| King's Cross | Letchworth Garden City | Welwyn Garden City | 5.37 | 22726100 | 700 | 0 | 0 | 2 | 2 | 1 | 3 |
| King's Cross | Royston | Welwyn Garden City | 5.38 | 22726100 | 700 | 0 | 0 | 2 | 2 | 0 | 0 |

| 1 | | | | | | 2 | | | | | |
|---|---------------------------|-----|-------------|----------|-------------|-------------------------|------------------|-----------------------------|----------------------------|------------------|------------------|
| Service Group: ET12 | | | | | | | | | | | |
| Service description: Thameslink North Metro (MML) | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ¹ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| St Pancras International | Luton | | 12.1 | 22728000 | 700 | 0 | 12 ⁴⁸ | 33 ⁴⁸ | 45 ⁴⁸ | 33 ⁴⁸ | 26 ⁴⁸ |
| St Pancras International | St Albans | | 12.2 | 22728000 | 700 | 0 | 12 ⁴⁹ | 52 ⁴⁹ | 64 ⁴⁹ | 62 ⁴⁹ | 20 ⁴⁹ |
| St Pancras International | West Hampstead Thameslink | | 12.3 | 22728000 | 700 | 0 | 0 | 8 ⁴⁸ | 8 ⁴⁸ | 4 ⁴⁸ | 2 ⁴⁸ |
| St Pancras International | Kentish Town | | 12.4 | 22728000 | 700 | 0 | 0 | 18 ⁴⁸ | 18 ⁴⁸ | 31 ⁴⁸ | 26 ⁴⁸ |
| Luton | Blackfriars | | 12.5 | 22728000 | 700 | 9 ⁵⁰ | 0 | 34 ⁵⁰ | 43 ⁵⁰ | 33 ⁵⁰ | 26 ⁵⁰ |
| Luton | St Pancras | | 12.6 | 22728000 | 700 | 0 | 0 | 0 | 0 | 0 | 1 |
| St Albans | Blackfriars | | 12.7 | 22728000 | 700 | 12 ⁵¹ | 0 | 55 ⁵¹ | 67 ⁵¹ | 68 ⁵¹ | 20 ⁵¹ |
| West Hampstead Thameslink | Blackfriars | | 12.8 | 22728000 | 700 | 0 ⁵⁰ | 0 | 10 ₅₀ | 9 ⁵⁰ | 5 ⁵⁰ | 2 ⁵⁰ |

| 1 | | | | | | 2 | | | | | |
|---|-------------|-----|-------------|----------|-------------|-------------------------|--------------|-----------------------------|----------------------------|------------------|------------------|
| Service Group: ET12 | | | | | | | | | | | |
| Service description: Thameslink North Metro | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ¹ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| Kentish Town | Blackfriars | | 12.9 | 22728000 | 700 | 0 | 0 | 19 ⁵² | 19 ⁵² | 32 ⁵² | 23 ⁵² |
| St Pancras International | Blackfriars | | 12.10 | 22728000 | 700 | 0 | 0 | 1 ⁵³ | 1 ⁵³ | 0 | 1 ⁵³ |

Annex B

Table 2.2: Additional Passenger Train Slots

| 1 | | | | | | 2 | | | | | |
|---|-------------------------------------|--------------------|-------------|----------|-------------|-------------------------|-----------------|-----------------------------|----------------------------|----------|--------|
| Service Group: ET05 ⁶⁶ | | | | | | | | | | | |
| Service description: Great Northern Outer | | | | | | | | | | | |
| From | To | Via | Description | TSC | Timing Load | Peak times ⁵ | | Off-Peak times ² | Total Weekday ³ | Saturday | Sunday |
| | | | | | | Morning Peak | Evening Peak | | | | |
| Cambridge ⁴ | Blackfriars ⁴ | Welwyn Garden City | 5.13 | 22726100 | 700 | 3 ⁴⁰ | 0 | 13 ⁴⁰ | 16 ⁴⁰ | 0 | 0 |
| Baldock ⁴ | Kings Cross ⁴ | Welwyn Garden City | 5.17 | 21760000 | 365 | 2 | 0 | 0 | 2 | 0 | 0 |
| Royston ⁴ | Kings Cross ⁴ | Welwyn Garden City | 5.19 | 21760000 | 265 | 1 | 0 | 0 | 1 | 0 | 0 |
| St Pancras International ⁴ | Cambridge ⁴ | Welwyn Garden City | 5.31 | 22726100 | 700 | 0 | 3 ⁴³ | 11 ⁴³ | 14 ⁴³ | 0 | 0 |
| Kings Cross ⁴ | Baldock ⁴ | Welwyn Garden City | 5.32 | 21760000 | 365 | 0 | 2 | 2 | 4 | 0 | 0 |
| Kings Cross ⁴ | Letchworth Garden City ⁴ | Welwyn Garden City | 5.37 | 22726100 | 700 | 0 | 0 | 1 | 1 | 0 | 0 |

Annex C

Footnotes to Table 2.2

- 1 Peak times – means Services scheduled on any part of a Weekday arriving at King's Cross or Farringdon between 07:00 and 09:59 (the "Morning Peak"), departing King's Cross or Farringdon between 16:00 and 18:59 (the "Evening Peak").
- 2 Off-Peak times - arriving at and departing from a relevant station outside Peak times.
- 3 Passenger Train Slots listed under the sub-headings "Peak times" and "Off-Peak times" are the constituent parts of, and are not in addition to, those listed under the sub-heading "Weekday".
- 4 These access rights expire at SCD 2020.

Annex D

Table 4.1: Calling Patterns

| 1 | | | | | 2 | 3 |
|---|----------|----------------|-------------|----------|--|--|
| Service Group: ET04 | | | | | | |
| Service description: Great Northern Metro | | | | | | |
| Between | And | Via | Description | TSC | Regular Calling Pattern | Additional stations |
| Hertford North | Moorgate | | 4.1/4.15 | 21724000 | Bayford, Cuffley, Crews Hill, Gordon Hill, Enfield Chase, Grange Park, Winchmore Hill, Palmers Green, Bowes Park, Alexandra Palace, Hornsey, Harringay, Finsbury Park, Drayton Park, Highbury & Islington, Essex Road, Old Street. | |
| Hertford North | Moorgate | | 4.2/4.16 | 21724000 | Cuffley, Gordon Hill, Enfield Chase, Grange Park, Winchmore Hill, Palmers Green, Bowes Park, Alexandra Palace, Hornsey, Harringay Finsbury Park, Drayton Park, Highbury & Islington, Essex Road, Old Street. | |
| Hertford North | Moorgate | | 4.3/4.17 | 21724000 | Bayford, Cuffley, Crews Hill, Gordon Hill, Enfield Chase, Winchmore Hill, Palmers Green, Alexandra Palace, Hornsey, Harringay, Finsbury Park, Drayton Park, Highbury & Islington, Essex Road, Old Street. | |
| Stevenage | Moorgate | Hertford North | 4.4/4.18 | 21724000 | Watton-at-Stone, Hertford North, Cuffley, Gordon Hill, Enfield Chase, Winchmore Hill, Palmers Green, Alexandra Palace, Hornsey, Harringay, Finsbury Park, Drayton Park, Highbury & Islington, Essex Road, Old Street. | Bayford, Crews Hill, Grange Park, Bowes Park |

| 1 | | | | | 2 | 3 |
|---|----------|-----|-------------|----------|---|---------------------|
| Service Group: ET04 | | | | | | |
| Service description: Great Northern Metro | | | | | | |
| Between | And | Via | Description | TSC | Regular Calling Pattern | Additional stations |
| Watton-on-Stone | Moorgate | | 4.5/4.19 | 21724000 | Hertford North, Cuffley, Gordon Hill, Enfield Chase, Winchmore Hill, Palmers Green, Bowes Park, Alexandra Palace, Hornsey, Harringay, Finsbury Park, Drayton Park, Highbury and Islington, Essex Road, Old Street | |
| Gordon Hill | Moorgate | | 4.6/4.20 | 21724000 | Enfield Chase, Grange Park, Winchmore Hill, Palmers Green, Bowes Park, Alexandra Palace, Hornsey, Harringay, Finsbury Park, Drayton Park, Highbury & Islington, Essex Road, Old Street. | |
| Finsbury Park | Moorgate | | 4.7/4.21 | 21724000 | Drayton Park, Highbury & Islington, Essex Road, Old Street. | |
| Welwyn Garden City | Moorgate | | 4.8/4.22 | 21723000 | Hatfield, Welham Green, Brookmans Park, Potters Bar, Hadley Wood, New Barnet, Oakleigh Park, New Southgate, Alexandra Palace, Finsbury Park, Drayton Park, Highbury & Islington, Essex Road, Old Street. | |
| Welwyn Garden City | Moorgate | | 4.9/4.23 | 21723000 | Hatfield, Potters Bar, Hadley Wood, New Barnet, Oakleigh Park, New Southgate, Alexandra Palace, Hornsey, Harringay, Finsbury Park, Drayton Park, Highbury & Islington, Essex Road, Old Street. | |

| 1 | | | | | 2 | 3 |
|---|----------------|----------------|-------------|----------|---|---|
| Service Group: ET04 | | | | | | |
| Service description: Great Northern Metro | | | | | | |
| Between | And | Via | Description | TSC | Regular Calling Pattern | Additional stations |
| Welwyn Garden City | Moorgate | | 4.10/4.24 | 21723000 | Hatfield, Welham Green, Brookmans Park, Potters Bar, New Barnet, Alexandra Palace, Hornsey, Harringay, Finsbury Park, Drayton Park, Highbury & Islington, Essex Road, Old Street. | Hadley Wood, Oakleigh Park, New Southgate |
| Welwyn Garden City | King's Cross | | 4.11/4.27 | 21723000 | Hatfield, Welham Green, Brookmans Park, Potters Bar, Hadley Wood, New Barnet, Oakleigh Park, New Southgate, Alexandra Palace, Hornsey, Harringay, Finsbury Park, | |
| Welwyn Garden City | King's Cross | | 4.12/4.29 | 22723100 | Hatfield, Potters Bar, New Barnet, Oakleigh Park, New Southgate, Finsbury Park | Hadley Wood |
| Kings Cross | Hertford North | | 4.25 | 21724000 | Finsbury Park, Harringay, Hornsey, Alexandra Palace, Bowes Park, Palmers Green, Winchmore Hill, Grange Park, Enfield Chase, Gordon Hill, Cuffley | Crews Hill, Bayford |
| Kings Cross | Stevenage | Hertford North | 4.26 | 21724000 | Finsbury Park, Harringay, Hornsey, Alexandra Palace, Palmers Green, Winchmore Hill, Enfield Chase, Gordon Hill, Crews Hill, Cuffley, Bayford, Hertford North, Watton-at-Stone | |

| | | | | | | | |
|--|-----------------|------------|--------------------|------------|---|----------------------------|----------|
| 1 | | | | | 2 | | 3 |
| Service Group: ET04 | | | | | | | |
| Service description: Great Northern Metro | | | | | | | |
| Between | And | Via | Description | TSC | Regular Calling Pattern | Additional stations | |
| Kings Cross | Watton-at-Stone | | 4.30 | 21724000 | Finsbury Park, Haringay, Hornsey, Alexandra Palace, Palmers Green, Winchmore Hill, Enfield Chase, Gordon Hill, Crews Hill, Cuffley, Bayford, Hertford North | | |

| 1 | | | | | 2 | 3 |
|--|-------------|--------------------------|-------------|----------|--|--|
| Service Group: ET05 | | | | | | |
| Service description: Great Northern Outer | | | | | | |
| Between | And | Via | Description | TSC | Regular Calling Pattern | Additional stations |
| Peterborough | Kings Cross | Welwyn Garden City | 5.1/5.21 | 21727000 | Huntingdon, St Neots, Biggleswade, Stevenage, | |
| Peterborough | Kings Cross | Welwyn Garden City | 5.2/5.22 | 21727000 | Huntingdon, St Neots, Sandy, Biggleswade, Arlesey, Hitchin, Stevenage, Knebworth, Welwyn North, Welwyn Garden City, Hatfeild, Potters Bar, Finsbury Park | Hadley Wood, New Barnet, Oakleigh Park, New Southgate, Alexandra Palace |
| Peterborough | Kings Cross | Welwyn Garden City | 5.3/5.23 | 21727000 | Huntingdon, St Neots, Sandy, Biggleswade, Arlesey, Hitchin, Stevenage, Finsbury Park | |
| Peterborough | Blackfriars | Welwyn Garden City | 5.4 | 22727100 | Huntingdon, St Neots, Biggleswade, Arlesey, Hitchin Stevenage, Finsbury Park, St Pancras International, Farringdon, City Thameslink | Knebworth |
| Kings Lynn | Kings Cross | Welwyn Garden City | 5.5/5.25 | 21725000 | Watlington, Downham Market, Littleport, Ely, Waterbeach, Cambridge North, Cambridge | Royston, Ashwell & Morden, Letchworth Garden City, Hitchin, Stevenage, Finsbury Park |

| 1 | | | | | 2 | 3 |
|---|-------------|--------------------|-------------|----------|--|---|
| Service Group: ET05 | | | | | | |
| Service description: Great Northern Outer | | | | | | |
| Between | And | Via | Description | TSC | Regular Calling Pattern | Additional stations |
| Kings Lynn | Kings Cross | Welwyn Garden City | 5.6 | 21725000 | Watlington, Downham Market, Littleport, Ely, Foxton, Shepreth, Meldreth, Royston, Ashwell & Moden, Baldock, Letchworth Garden City, Hitchin, Stevenage, Knebworth, Welwyn North, Welwyn Garden City, Hatfield, Potters Bar, Finsbury Park Waterbeach, Cambridge North, Cambridge | |
| Kings Lynn | Cambridge | | 5.7/5.26 | 21725000 | Downham Market, Littleport, Ely, Cambridge North | |
| Ely | Kings Cross | Welwyn Garden City | 5.8/5.27 | 21725000 | Cambridge North, Cambridge, | Royston, Ashwell & Morden, Letchworth Garden City |
| Ely | Cambridge | | 5.9/5.28 | 21725000 | Waterbeach, Cambridge North | |
| Cambridge North | Kings Cross | Welwyn Garden City | 5.11/5.36 | 21726000 | Cambridge, Foxton, Shepreth, Meldreth, Royston, Ashwell & Moden, Baldock, Letchworth Garden City, Hitchin, Stevenage, Knebworth, Welwyn North, Welwyn Garden City, Hatfield, Potters Bar, Finsbury Park | |
| Cambridge | Blackfriars | Welwyn Garden | 5.13 | 22726100 | Royston, Baldock, Letchworth Garden City, Hitchin, Stevenage, Finsbury Park, St Pancras International, | |

| 1 | | | | | 2 | 3 |
|--|-------------|--------------------------|-------------|----------|---|-----------------------------|
| Service Group: ET05 | | | | | | |
| Service description: Great Northern Outer | | | | | | |
| Between | And | Via | Description | TSC | Regular Calling Pattern | Additional stations |
| | | City | | | Farringdon, City Thameslink | |
| Cambridge | Kings Cross | Welwyn Garden City | 5.14 | 22725000 | Royston, Ashwell & Morden | |
| Cambridge | Kings Cross | Welwyn Garden City | 5.15./5.34 | 21726000 | Royston, Baldock, Letchworth Garden City, Hitchin, Stevenage, Finsbury Park | |
| Cambridge | Kings Cross | Welwyn Garden City | 5.16/5.35 | 21726000 | Foxton, Shepreth, Meldreth, Royston, Ashwell & Morden, Baldock, Letchworth Garden City, Hitchin, Stevenage, Knebworth, Welwyn North, Welwyn Garden City, Hatfield, Potters Bar, Finsbury Park | |
| Baldock | Kings Cross | Welwyn Garden City | 5.17/5.32 | 21726000 | Letchworth Garden City, Hitchin, Knebworth | Welwyn North, Finsbury Park |
| Royston | Kings Cross | Welwyn Garden | 5.18/5.38 | 21726000 | Aswell & Morden, Baldock, Letchworth Garden City, Hitchin, Stevenage, Knebworth, Welwyn North, Welwyn | |

| 1 | | | | | 2 | 3 |
|--|--------------|--------------------------|-------------|----------|--|---------------------|
| Service Group: ET05 | | | | | | |
| Service description: Great Northern Outer | | | | | | |
| Between | And | Via | Description | TSC | Regular Calling Pattern | Additional stations |
| | | City | | | Garden City, Hatfield, Potters Bar, Finsbury Park | |
| Royston | Kings Cross | Welwyn Garden City | 5.19/ | 22726100 | Baldock, Letchworth Garden City, Hitchin, Stevenage, Knebworth, Welwyn North, Welwyn Garden City, Potters Bar, Alexandra Palace Finsbury Park, | |
| Letchworth Garden City | Kings Cross | Welwyn Garden City | 5.20/5.37 | 21726000 | Hitchin, Stevenage, Knebworth, Welwyn North, Hatfield, Potters Bar, Finsbury Park | |
| St Pancras International | Peterborough | Welwyn Garden City | 5.24 | 22727100 | St Neots, Biggleswade, Finsbury Park, Stevenage, Hitchin, Arlesey, Biggleswade, St Neots, Huntingdon | |
| St Pancras International | Cambridge | Welwyn Garden City | 5.31 | 22726100 | Finsbury Park, Stevenage, Hitchin, Letchworth Garden City, Baldock, Royston | |