

# Appendix D

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## Noise Modelling Input Parameters

| SoundPLAN<br>Segment<br>Start<br>Kilometrage | Feature<br>(if applicable) | Electric Multiple Units - per 24 hour |                 |                         |                 | Electric Multiple Units - per 15 hour |                 |                         |                 | Local Features               |                          |                              |                              |                   |
|----------------------------------------------|----------------------------|---------------------------------------|-----------------|-------------------------|-----------------|---------------------------------------|-----------------|-------------------------|-----------------|------------------------------|--------------------------|------------------------------|------------------------------|-------------------|
|                                              |                            | Tangara/Millennium                    |                 | Double Deck<br>Suburban |                 | Tangara/Millennium                    |                 | Double Deck<br>Suburban |                 | Curve<br>Squeal              | Curves                   | Turnout                      | Diamond<br>Crossing          | Bridge            |
|                                              |                            | Number<br>per 24hr                    | Speed<br>(km/h) | Number<br>per 24hr      | Speed<br>(km/h) | Number<br>per 15hr                    | Speed<br>(km/h) | Number<br>per 15hr      | Speed<br>(km/h) | 1 if likely<br>0 if unlikely | 3 if <500m<br>8 if <300m | 1 if likely<br>0 if unlikely | 1 if likely<br>0 if unlikely | Adjustment<br>dBA |

### Track: Existing Down Line - Y2006

|       |                       |    |    |    |    |    |    |    |    |  |  |  |  |    |
|-------|-----------------------|----|----|----|----|----|----|----|----|--|--|--|--|----|
| 13.97 |                       | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  |    |
| 14.52 | Beverly Hills Station | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  |    |
| 14.73 | End Platform          | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  |    |
| 15.58 | Bridge Start          | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  | 8  |
| 15.59 | Bridge End            | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  |    |
| 15.69 | Narwee Station        | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  |    |
| 15.87 | End Platform          | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  |    |
| 16.30 |                       | 74 | 90 | 55 | 90 | 62 | 90 | 46 | 90 |  |  |  |  |    |
| 16.79 | Bridge Start          | 74 | 90 | 55 | 90 | 62 | 90 | 46 | 90 |  |  |  |  | 8  |
| 16.80 | Bridge End            | 74 | 90 | 55 | 90 | 62 | 90 | 46 | 90 |  |  |  |  |    |
| 17.42 | Riverwood Station     | 74 | 90 | 55 | 90 | 62 | 90 | 46 | 90 |  |  |  |  |    |
| 17.58 | End Platform          | 74 | 90 | 55 | 90 | 62 | 90 | 46 | 90 |  |  |  |  |    |
| 18.39 | Bridge Start          | 74 | 90 | 55 | 90 | 62 | 90 | 46 | 90 |  |  |  |  | 10 |
| 18.45 | Bridge End            | 74 | 95 | 55 | 95 | 62 | 95 | 46 | 95 |  |  |  |  |    |
| 19.28 | Padstow Station       | 74 | 95 | 55 | 95 | 62 | 95 | 46 | 95 |  |  |  |  |    |
| 19.43 | End Platform          | 74 | 95 | 55 | 95 | 62 | 95 | 46 | 95 |  |  |  |  |    |
| 20.30 |                       | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  |    |
| 20.74 | Bridge Start          | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  | 4  |
| 20.76 | Bridge End            | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  |    |
| 20.88 | Revesby Station       | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  |    |
| 21.06 | End Platform          | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  |    |
| 21.82 |                       | 74 | 80 | 55 | 80 | 62 | 80 | 46 | 80 |  |  |  |  |    |

### Track: Existing Up Line - Y2006

|       |                       |    |     |    |     |    |     |    |     |  |  |  |  |    |
|-------|-----------------------|----|-----|----|-----|----|-----|----|-----|--|--|--|--|----|
| 21.82 |                       | 71 | 75  | 54 | 75  | 60 | 75  | 45 | 75  |  |  |  |  |    |
| 21.06 | Revesby Station       | 71 | 80  | 54 | 80  | 60 | 80  | 45 | 80  |  |  |  |  |    |
| 20.88 | End Platform          | 71 | 80  | 54 | 80  | 60 | 80  | 45 | 80  |  |  |  |  |    |
| 20.76 | Bridge Start          | 71 | 80  | 54 | 80  | 60 | 80  | 45 | 80  |  |  |  |  | 4  |
| 20.74 | Bridge End            | 71 | 80  | 54 | 80  | 60 | 80  | 45 | 80  |  |  |  |  |    |
| 20.30 |                       | 71 | 85  | 54 | 85  | 60 | 85  | 45 | 85  |  |  |  |  |    |
| 19.10 |                       | 71 | 100 | 54 | 100 | 60 | 100 | 45 | 100 |  |  |  |  |    |
| 19.43 | Padstow Station       | 71 | 100 | 54 | 100 | 60 | 100 | 45 | 100 |  |  |  |  |    |
| 19.28 | End Platform          | 71 | 100 | 54 | 100 | 60 | 100 | 45 | 100 |  |  |  |  |    |
| 18.45 | Bridge Start          | 71 | 100 | 54 | 100 | 60 | 100 | 45 | 100 |  |  |  |  | 10 |
| 18.39 | Bridge End            | 71 | 100 | 54 | 100 | 60 | 100 | 45 | 100 |  |  |  |  |    |
| 17.73 |                       | 71 | 90  | 54 | 90  | 60 | 90  | 45 | 90  |  |  |  |  |    |
| 17.58 | Riverwood Station     | 71 | 90  | 54 | 90  | 60 | 90  | 45 | 90  |  |  |  |  |    |
| 17.42 | End Platform          | 71 | 90  | 54 | 90  | 60 | 90  | 45 | 90  |  |  |  |  |    |
| 16.81 | Bridge Start          | 71 | 90  | 54 | 90  | 60 | 90  | 45 | 90  |  |  |  |  | 8  |
| 16.80 | Bridge End            | 71 | 90  | 54 | 90  | 60 | 90  | 45 | 90  |  |  |  |  |    |
| 16.00 |                       | 71 | 85  | 54 | 85  | 60 | 85  | 45 | 85  |  |  |  |  |    |
| 15.87 | Narwee Station        | 71 | 85  | 54 | 85  | 60 | 85  | 45 | 85  |  |  |  |  |    |
| 15.69 | End Platform          | 71 | 85  | 54 | 85  | 60 | 85  | 45 | 85  |  |  |  |  |    |
| 15.59 | Bridge Start          | 71 | 85  | 54 | 85  | 60 | 85  | 45 | 85  |  |  |  |  | 8  |
| 15.58 | Bridge End            | 71 | 85  | 54 | 85  | 60 | 85  | 45 | 85  |  |  |  |  |    |
| 14.73 | Beverly Hills Station | 71 | 85  | 54 | 85  | 60 | 85  | 45 | 85  |  |  |  |  |    |
| 14.52 | End Platform          | 71 | 85  | 54 | 85  | 60 | 85  | 45 | 85  |  |  |  |  |    |
| 13.97 |                       | 71 | 85  | 54 | 85  | 60 | 85  | 45 | 85  |  |  |  |  |    |

# Appendix D

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## Noise Modelling Input Parameters

| SoundPLAN<br>Segment<br>Start<br>Kilometrage | Feature<br>(if applicable) | Electric Multiple Units - per 24 hour |                 |                         |                 | Electric Multiple Units - per 15 hour |                 |                         |                 | Local Features               |                          |                              |                              |                   |
|----------------------------------------------|----------------------------|---------------------------------------|-----------------|-------------------------|-----------------|---------------------------------------|-----------------|-------------------------|-----------------|------------------------------|--------------------------|------------------------------|------------------------------|-------------------|
|                                              |                            | Tangara/Millennium                    |                 | Double Deck<br>Suburban |                 | Tangara/Millennium                    |                 | Double Deck<br>Suburban |                 | Curve<br>Squeal              | Curves                   | Turnout                      | Diamond<br>Crossing          | Bridge            |
|                                              |                            | Number<br>per 24hr                    | Speed<br>(km/h) | Number<br>per 24hr      | Speed<br>(km/h) | Number<br>per 15hr                    | Speed<br>(km/h) | Number<br>per 15hr      | Speed<br>(km/h) | 1 if likely<br>0 if unlikely | 3 if <500m<br>8 if <300m | 1 if likely<br>0 if unlikely | 1 if likely<br>0 if unlikely | Adjustment<br>dBA |

### Track: Down Main - Y2021

|       |                 |     |     |    |     |    |     |    |     |  |  |   |  |   |
|-------|-----------------|-----|-----|----|-----|----|-----|----|-----|--|--|---|--|---|
| 13.82 |                 | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |   |
| 14.00 | T/O Start       | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  | 1 |  |   |
| 14.01 | T/O End         | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |   |
| 14.80 |                 | 114 | 100 | 38 | 100 | 96 | 100 | 32 | 100 |  |  |   |  |   |
| 15.58 | Bridge Start    | 114 | 100 | 38 | 100 | 96 | 100 | 32 | 100 |  |  |   |  | 0 |
| 15.59 | Bridge End      | 114 | 100 | 38 | 100 | 96 | 100 | 32 | 100 |  |  |   |  |   |
| 16.30 |                 | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |   |
| 16.79 | Bridge Start    | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  | 0 |
| 16.80 | Bridge End      | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |   |
| 17.75 |                 | 114 | 100 | 38 | 100 | 96 | 100 | 32 | 100 |  |  |   |  |   |
| 18.15 |                 | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |   |
| 18.39 | Bridge Start    | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  | 0 |
| 18.45 | Bridge End      | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |   |
| 20.50 |                 | 114 | 95  | 38 | 95  | 96 | 95  | 32 | 95  |  |  |   |  |   |
| 20.74 | Bridge Start    | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  | 4 |
| 20.76 | Bridge End      | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  |   |
| 20.88 | Revesby Station | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  |   |
| 21.06 | End Platform    | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  |   |
| 21.50 | T/O Start       | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  | 1 |  |   |
| 21.51 | T/O End         | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  |   |
| 21.82 |                 | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  |   |

### Track: Down Local - Y2021

|       |                       |     |    |    |    |    |    |    |    |  |  |   |  |   |
|-------|-----------------------|-----|----|----|----|----|----|----|----|--|--|---|--|---|
| 13.97 |                       | 110 | 80 | 36 | 80 | 92 | 80 | 30 | 80 |  |  |   |  |   |
| 14.15 | T/O Start             | 110 | 80 | 36 | 80 | 92 | 80 | 30 | 80 |  |  | 1 |  |   |
| 14.16 | T/O End               | 110 | 80 | 36 | 80 | 92 | 80 | 30 | 80 |  |  |   |  |   |
| 14.52 | Beverly Hills Station | 110 | 80 | 36 | 80 | 92 | 80 | 30 | 80 |  |  |   |  |   |
| 14.73 | End Platform          | 110 | 80 | 36 | 80 | 92 | 80 | 30 | 80 |  |  |   |  |   |
| 15.58 | Bridge Start          | 110 | 80 | 36 | 80 | 92 | 80 | 30 | 80 |  |  |   |  | 4 |
| 15.59 | Bridge End            | 110 | 80 | 36 | 80 | 92 | 80 | 30 | 80 |  |  |   |  |   |
| 15.69 | Narwee Station        | 110 | 80 | 36 | 80 | 92 | 80 | 30 | 80 |  |  |   |  |   |
| 15.87 | End Platform          | 110 | 80 | 36 | 80 | 92 | 80 | 30 | 80 |  |  |   |  |   |
| 16.30 |                       | 110 | 90 | 36 | 90 | 92 | 90 | 30 | 90 |  |  |   |  |   |
| 16.79 | Bridge Start          | 110 | 90 | 36 | 90 | 92 | 90 | 30 | 90 |  |  |   |  | 4 |
| 16.80 | Bridge End            | 110 | 90 | 36 | 90 | 92 | 90 | 30 | 90 |  |  |   |  |   |
| 17.42 | Riverwood Station     | 110 | 90 | 36 | 90 | 92 | 90 | 30 | 90 |  |  |   |  |   |
| 17.58 | End Platform          | 110 | 90 | 36 | 90 | 92 | 90 | 30 | 90 |  |  |   |  |   |
| 18.39 | Bridge Start          | 110 | 90 | 36 | 90 | 92 | 90 | 30 | 90 |  |  |   |  | 0 |
| 18.45 | Bridge End            | 110 | 95 | 36 | 95 | 92 | 95 | 30 | 95 |  |  |   |  |   |
| 19.28 | Padstow Station       | 110 | 95 | 36 | 95 | 92 | 95 | 30 | 95 |  |  |   |  |   |
| 19.43 | End Platform          | 110 | 95 | 36 | 95 | 92 | 95 | 30 | 95 |  |  |   |  |   |
| 20.30 |                       | 110 | 80 | 36 | 80 | 92 | 80 | 30 | 80 |  |  |   |  |   |
| 20.35 | T/O Start             | 110 | 80 | 36 | 80 | 92 | 80 | 30 | 80 |  |  | 1 |  |   |
| 20.36 | T/O End               | 110 | 80 | 36 | 80 | 92 | 80 | 30 | 80 |  |  |   |  |   |
| 20.67 | T/O Start             | 110 | 70 | 36 | 70 | 92 | 70 | 30 | 70 |  |  | 1 |  |   |
| 20.68 | T/O End               | 110 | 70 | 36 | 70 | 92 | 70 | 30 | 70 |  |  |   |  |   |
| 20.74 | Bridge Start          | 110 | 70 | 36 | 70 | 92 | 70 | 30 | 70 |  |  |   |  | 4 |
| 20.76 | Bridge End            | 110 | 70 | 36 | 70 | 92 | 70 | 30 | 70 |  |  |   |  |   |
| 20.88 | Revesby Station       | 110 | 50 | 36 | 50 | 92 | 50 | 30 | 50 |  |  |   |  |   |
| 21.06 | End Platform          | 0   | 50 | 0  | 50 | 0  | 50 | 0  | 50 |  |  |   |  |   |
| 21.34 | T/O Start             | 0   | 70 | 0  | 70 | 0  | 70 | 0  | 70 |  |  |   |  |   |
| 21.35 | T/O End               | 0   | 70 | 0  | 70 | 0  | 70 | 0  | 70 |  |  |   |  |   |
| 21.51 | End Line              | 0   | 70 | 0  | 70 | 0  | 70 | 0  | 70 |  |  |   |  |   |

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## Noise Modelling Input Parameters

| SoundPLAN<br>Segment<br>Start<br>Kilometrage | Feature<br>(if applicable) | Electric Multiple Units - per 24 hour |                 |                         |                 | Electric Multiple Units - per 15 hour |                 |                         |                 | Local Features               |                          |                              |                              |                   |
|----------------------------------------------|----------------------------|---------------------------------------|-----------------|-------------------------|-----------------|---------------------------------------|-----------------|-------------------------|-----------------|------------------------------|--------------------------|------------------------------|------------------------------|-------------------|
|                                              |                            | Tangara/Millennium                    |                 | Double Deck<br>Suburban |                 | Tangara/Millennium                    |                 | Double Deck<br>Suburban |                 | Curve<br>Squeal              | Curves                   | Turnout                      | Diamond<br>Crossing          | Bridge            |
|                                              |                            | Number<br>per 24hr                    | Speed<br>(km/h) | Number<br>per 24hr      | Speed<br>(km/h) | Number<br>per 15hr                    | Speed<br>(km/h) | Number<br>per 15hr      | Speed<br>(km/h) | 1 if likely<br>0 if unlikely | 3 if <500m<br>8 if <300m | 1 if likely<br>0 if unlikely | 1 if likely<br>0 if unlikely | Adjustment<br>dBA |

### Track: Up Main - Y2021

|       |                 |     |     |    |     |    |     |    |     |  |  |   |  |    |
|-------|-----------------|-----|-----|----|-----|----|-----|----|-----|--|--|---|--|----|
| 21.82 |                 | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  |    |
| 21.54 | T/O Start       | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  | 1 |  |    |
| 21.53 | T/O End         | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  |    |
| 21.06 | Revesby Station | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  |    |
| 20.88 | End Platform    | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  |    |
| 20.76 | Bridge Start    | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  | 4  |
| 20.74 | Bridge End      | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  | 1 |  |    |
| 20.47 | T/O Start       | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  |    |
| 20.46 | T/O End         | 114 | 80  | 38 | 80  | 96 | 80  | 32 | 80  |  |  |   |  |    |
| 20.20 |                 | 114 | 95  | 38 | 95  | 96 | 95  | 32 | 95  |  |  |   |  |    |
| 20.00 |                 | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |    |
| 18.45 | Bridge Start    | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  | 10 |
| 18.39 | Bridge End      | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |    |
| 18.15 |                 | 114 | 100 | 38 | 100 | 96 | 100 | 32 | 100 |  |  |   |  |    |
| 17.75 |                 | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |    |
| 16.81 | Bridge Start    | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  | 0  |
| 16.80 | Bridge End      | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |    |
| 16.30 |                 | 114 | 95  | 38 | 95  | 96 | 95  | 32 | 95  |  |  |   |  |    |
| 15.59 | Bridge Start    | 114 | 95  | 38 | 95  | 96 | 95  | 32 | 95  |  |  |   |  | 0  |
| 15.58 | Bridge End      | 114 | 95  | 38 | 95  | 96 | 95  | 32 | 95  |  |  |   |  |    |
| 14.80 |                 | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |    |
| 14.01 | T/O Start       | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  | 1 |  |    |
| 14.00 | T/O End         | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |    |
| 13.82 |                 | 114 | 115 | 38 | 115 | 96 | 115 | 32 | 115 |  |  |   |  |    |

### Track: Up Local - Y2021

|       |                   |     |     |    |     |    |     |    |     |  |  |   |  |    |
|-------|-------------------|-----|-----|----|-----|----|-----|----|-----|--|--|---|--|----|
| 21.54 | Start Line        | 0   | 70  | 0  | 70  | 0  | 70  | 0  | 70  |  |  |   |  |    |
| 21.31 | T/O Start         | 0   | 70  | 0  | 70  | 0  | 70  | 0  | 70  |  |  |   |  |    |
| 21.30 | T/O End           | 0   | 70  | 0  | 70  | 0  | 70  | 0  | 70  |  |  |   |  |    |
| 21.06 | Revesby Station   | 110 | 50  | 36 | 50  | 92 | 50  | 30 | 50  |  |  |   |  |    |
| 20.88 | End Platform      | 110 | 70  | 36 | 70  | 92 | 70  | 30 | 70  |  |  |   |  |    |
| 20.76 | Bridge Start      | 110 | 70  | 36 | 70  | 92 | 70  | 30 | 70  |  |  |   |  | 4  |
| 20.74 | Bridge End        | 110 | 70  | 36 | 70  | 92 | 70  | 30 | 70  |  |  |   |  |    |
| 20.61 | T/O Start         | 110 | 70  | 36 | 70  | 92 | 70  | 30 | 70  |  |  | 1 |  |    |
| 20.60 | T/O End           | 110 | 70  | 36 | 70  | 92 | 70  | 30 | 70  |  |  |   |  |    |
| 20.46 | T/O Start         | 110 | 70  | 36 | 70  | 92 | 70  | 30 | 70  |  |  | 1 |  |    |
| 20.45 | T/O End           | 110 | 70  | 36 | 70  | 92 | 70  | 30 | 70  |  |  |   |  |    |
| 20.37 | T/O Start         | 110 | 70  | 36 | 70  | 92 | 70  | 30 | 70  |  |  | 1 |  |    |
| 20.36 | T/O End           | 110 | 70  | 36 | 70  | 92 | 70  | 30 | 70  |  |  |   |  |    |
| 20.30 |                   | 110 | 85  | 36 | 85  | 92 | 85  | 30 | 85  |  |  |   |  |    |
| 19.10 |                   | 110 | 100 | 36 | 100 | 92 | 100 | 30 | 100 |  |  |   |  |    |
| 19.43 | Padstow Station   | 110 | 100 | 36 | 100 | 92 | 100 | 30 | 100 |  |  |   |  |    |
| 19.28 | End Platform      | 110 | 100 | 36 | 100 | 92 | 100 | 30 | 100 |  |  |   |  |    |
| 18.45 | Bridge Start      | 110 | 100 | 36 | 100 | 92 | 100 | 30 | 100 |  |  |   |  | 10 |
| 18.39 | Bridge End        | 110 | 100 | 36 | 100 | 92 | 100 | 30 | 100 |  |  |   |  |    |
| 17.73 |                   | 110 | 90  | 36 | 90  | 92 | 90  | 30 | 90  |  |  |   |  |    |
| 17.58 | Riverwood Station | 110 | 90  | 36 | 90  | 92 | 90  | 30 | 90  |  |  |   |  |    |
| 17.42 | End Platform      | 110 | 90  | 36 | 90  | 92 | 90  | 30 | 90  |  |  |   |  |    |
| 16.81 | Bridge Start      | 110 | 90  | 36 | 90  | 92 | 90  | 30 | 90  |  |  |   |  | 4  |
| 16.80 | Bridge End        | 110 | 90  | 36 | 90  | 92 | 90  | 30 | 90  |  |  |   |  |    |
| 16.00 |                   | 110 | 85  | 36 | 85  | 92 | 85  | 30 | 85  |  |  |   |  |    |
| 15.87 | Narwee Station    | 110 | 85  | 36 | 85  | 92 | 85  | 30 | 85  |  |  |   |  |    |
| 15.69 | End Platform      | 110 | 85  | 36 | 85  | 92 | 85  | 30 | 85  |  |  |   |  |    |

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## Noise Modelling Input Parameters

| SoundPLAN<br>Segment<br>Start<br>Kilometrage | Feature<br>(if applicable) | Electric Multiple Units - per 24 hour |                 |                         |                 | Electric Multiple Units - per 15 hour |                 |                         |                 | Local Features               |                          |                              |                              |                   |
|----------------------------------------------|----------------------------|---------------------------------------|-----------------|-------------------------|-----------------|---------------------------------------|-----------------|-------------------------|-----------------|------------------------------|--------------------------|------------------------------|------------------------------|-------------------|
|                                              |                            | Tangara/Millennium                    |                 | Double Deck<br>Suburban |                 | Tangara/Millennium                    |                 | Double Deck<br>Suburban |                 | Curve<br>Squeal              | Curves                   | Turnout                      | Diamond<br>Crossing          | Bridge            |
|                                              |                            | Number<br>per 24hr                    | Speed<br>(km/h) | Number<br>per 24hr      | Speed<br>(km/h) | Number<br>per 15hr                    | Speed<br>(km/h) | Number<br>per 15hr      | Speed<br>(km/h) | 1 if likely<br>0 if unlikely | 3 if <500m<br>8 if <300m | 1 if likely<br>0 if unlikely | 1 if likely<br>0 if unlikely | Adjustment<br>dBA |
| 15.59                                        | Bridge Start               | 110                                   | 85              | 36                      | 85              | 92                                    | 85              | 30                      | 85              |                              |                          |                              |                              | 4                 |
| 15.58                                        | Bridge End                 | 110                                   | 85              | 36                      | 85              | 92                                    | 85              | 30                      | 85              |                              |                          |                              |                              |                   |
| 14.73                                        | Beverly Hills Station      | 110                                   | 85              | 36                      | 85              | 92                                    | 85              | 30                      | 85              |                              |                          |                              |                              |                   |
| 14.52                                        | End Platform               | 110                                   | 85              | 36                      | 85              | 92                                    | 85              | 30                      | 85              |                              |                          |                              |                              |                   |
| 14.16                                        | T/O Start                  | 110                                   | 85              | 36                      | 85              | 92                                    | 85              | 30                      | 85              |                              |                          | 1                            |                              |                   |
| 14.15                                        | T/O End                    | 110                                   | 85              | 36                      | 85              | 92                                    | 85              | 30                      | 85              |                              |                          |                              |                              |                   |
| 13.97                                        |                            | 110                                   | 85              | 36                      | 85              | 92                                    | 85              | 30                      | 85              |                              |                          |                              |                              |                   |