

Viking CCS Pipeline

**Environmental
Statement Volume IV –
Appendix 12-3:
Construction Traffic
Profiles**

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1 Introduction

- 1.1.1 *ES Appendix 12.3 Construction Traffic Profiles* sets out the worker, construction and pipe delivery traffic profiles. This has been broken down into monthly and daily profiles as well as hourly profiles across the working day based upon the busiest month.

2 Worker Traffic Profiles

- 2.1.1 **Table 1** below outlines the number of personnel that will be needed in order to perform each activity associated with the construction of the pipeline. This also includes a start and end date, as such a traffic profile can be built based on the month and the numbers of activities and associated personnel.

Table 1: Worker Personnel Monthly Flows by Activity

| Activity | Start Date | End Date | Personnel | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|------------|------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Project Management | 01/02/2026 | 25/11/2026 | 27 | | | | | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | |
| Project Support Services | 01/02/2026 | 25/11/2026 | 49 | | | | | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | |
| Set-up Pipe Dumps | 01/10/2025 | 30/11/2025 | 38 | 38 | 38 | | | | | | | | | | | | | |
| Pipe from Immingham Docks to Pipe Dumps (2 Pipes/Load) | 01/11/2025 | 02/03/2026 | 21 | | 21 | 21 | 21 | 21 | 21 | | | | | | | | | |
| Emergency Crew | 01/04/2026 | 27/11/2026 | 4 | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| Erosion Control / Environmental | 07/04/2026 | 03/12/2026 | 13 | | | | | | | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| Set Out RoW Fencing, Pipeline Centreline and As-built | 01/04/2026 | 23/11/2026 | 6 | | | | | | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| RoW Access (114no. Ditches/Field Drains) | 01/04/2026 | 04/09/2026 | 14 | | | | | | | 14 | 14 | 14 | 14 | 14 | 14 | | | |
| Right of Way Fencing | 02/04/2026 | 05/09/2026 | 17 | | | | | | | 17 | 17 | 17 | 17 | 17 | 17 | | | |
| Stoned Hard Standings, and Roads including Reinstatement | 06/04/2026 | 14/11/2026 | 30 | | | | | | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | |
| Laydown, Welfare and Parking Areas | 13/04/2026 | 30/10/2026 | 10 | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| Welfare and Parking Areas | 13/04/2026 | 30/10/2026 | 10 | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| Bridges Install & Remove | 15/06/2026 | 31/10/2026 | 11 | | | | | | | | | 11 | 11 | 11 | 11 | 11 | | |
| Topsoil Strip | 09/04/2026 | 08/09/2026 | 14 | | | | | | | 14 | 14 | 14 | 14 | 14 | 14 | | | |
| Load-out - Haul and String (2 Pipes/Load) | 13/04/2026 | 12/09/2026 | 24 | | | | | | | 24 | 24 | 24 | 24 | 24 | 24 | | | |
| Field Bending (94 Days @ 600m/day + 13 Moves) | 20/04/2026 | 19/09/2026 | 7 | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | | | |
| End Prep Crew (100no Pipe Ends/Day) | 27/04/2026 | 24/09/2026 | 9 | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | | | |
| Mainline Welding (4534 Welds @ 50 welds/Day + 11 Moves) | 28/04/2026 | 25/09/2026 | 61 | | | | | | | 61 | 61 | 61 | 61 | 61 | 61 | | | |
| Poor Boy/Pre-Fabrication Crew (546 Welds @ 6/day + 11 Moves) | 28/04/2026 | 27/09/2026 | 33 | | | | | | | 33 | 33 | 33 | 33 | 33 | 33 | | | |
| Non-Destructive Testing (NDT) (4 Crews) | 28/04/2026 | 03/10/2026 | 14 | | | | | | | 14 | 14 | 14 | 14 | 14 | 14 | 14 | | |
| Field Joint Coating (3 Mobile Units) | 11/05/2026 | 18/10/2026 | 35 | | | | | | | | 35 | 35 | 35 | 35 | 35 | 35 | | |
| Trenching | 18/05/2026 | 17/10/2026 | 16 | | | | | | | | 16 | 16 | 16 | 16 | 16 | 16 | | |
| Bedding & Padding | 20/05/2026 | 19/10/2026 | 16 | | | | | | | | 16 | 16 | 16 | 16 | 16 | 16 | | |
| Lowering-in | 22/05/2026 | 21/10/2026 | 24 | | | | | | | | 24 | 24 | 24 | 24 | 24 | 24 | | |
| Open-cut Crossings (118no.) | 18/05/2026 | 17/10/2026 | 22 | | | | | | | | 22 | 22 | 22 | 22 | 22 | 22 | | |
| Pre-cast Concrete Slabs | 18/05/2026 | 13/07/2026 | 4 | | | | | | | | 4 | 4 | | | | | | |
| Tie-in Crews (2no. - 112+ Tie-in Welds) | 20/05/2026 | 21/10/2026 | 28 | | | | | | | | 28 | 28 | 28 | 28 | 28 | 28 | | |
| Cathodic Protection | 18/05/2026 | 22/11/2026 | 5 | | | | | | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| Backfill | 25/05/2026 | 24/10/2026 | 11 | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | | |
| Reinstatement | 01/06/2026 | 31/10/2026 | 19 | | | | | | | | | 19 | 19 | 19 | 19 | 19 | | |

| Activity | Start Date | End Date | Personnel | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|------------|------------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| Marker Posts (188no. @ 4/Day) | 10/08/2023 | 26/10/2023 | 5 | | | | | | | | | | | 5 | 5 | 5 | | |
| Hedge Reinstatement (224no.) | 10/08/2026 | 27/10/2026 | 9 | | | | | | | | | | | 9 | 9 | 9 | | |
| Roads - Tarmac Repair/Resurfacing (42no.) | 17/08/2026 | 24/10/2026 | 7 | | | | | | | | | | | 7 | 7 | 7 | | |
| Horizontal Directional Drilling (10no.) 2 Crews | 04/05/2026 | 15/10/2026 | 34 | | | | | | | | 34 | 34 | 34 | 34 | 34 | 34 | | |
| Auger Crossings (81no.) 4 Crews | 04/05/2026 | 15/10/2026 | 45 | | | | | | | | 45 | 45 | 45 | 45 | 45 | 45 | | |
| Micro tunnel (2no.) | 01/06/2026 | 15/10/2026 | 10 | | | | | | | | | 10 | 10 | 10 | 10 | 10 | | |
| Clean and Gauge (4 Sections) | 27/07/2026 | 23/10/2026 | 16 | | | | | | | | | | 16 | 16 | 16 | 16 | | |
| Hydro test (Filling, Testing & Bulk Dewatering) (5no. Sections) | 24/08/2026 | 02/11/2026 | 22 | | | | | | | | | | | 22 | 22 | 22 | 22 | |
| Dew Point Drying | 05/11/2026 | 25/11/2026 | 8 | | | | | | | | | | | | | | 8 | |
| Pearson/DCVG/CIPS Coating Survey | 24/08/2026 | 30/11/2026 | 5 | | | | | | | | | | | 5 | 5 | 5 | 5 | |
| Block Valves (3 no.) | 01/06/2026 | 10/11/2026 | 43 | | | | | | | | | 43 | 43 | 43 | 43 | 43 | 43 | |
| Immingham and Theddlethorpe AGI's | 01/01/2026 | 31/12/2026 | 18 | | | | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Total | | | | 38 | 59 | 21 | 39 | 115 | 115 | 360 | 600 | 683 | 695 | 743 | 743 | 564 | 230 | 31 |

2.1.2 Based upon the dates given in **Table 1** above, **Table 2** below shows the proposed number of workers per month, and as shown the peak is predicted to be in August and September 2026 with a total number of workers on site of 743 across the full length of the scheme.

Table 2: Total Worker Personnel by Month

| Month | Personnel per Day Per Month – One Way | Personnel per Day Per Month – Two Way |
|--------|---------------------------------------|---------------------------------------|
| Oct-25 | 38 | 76 |
| Nov-25 | 59 | 118 |
| Dec-25 | 21 | 42 |
| Jan-26 | 39 | 78 |
| Feb-26 | 115 | 230 |
| Mar-26 | 115 | 230 |
| Apr-26 | 360 | 720 |
| May-26 | 600 | 1200 |
| Jun-26 | 683 | 1366 |
| Jul-26 | 695 | 1390 |
| Aug-26 | 743 | 1486 |
| Sep-26 | 743 | 1486 |
| Oct-26 | 564 | 1128 |
| Nov-26 | 230 | 460 |
| Dec-26 | 31 | 62 |

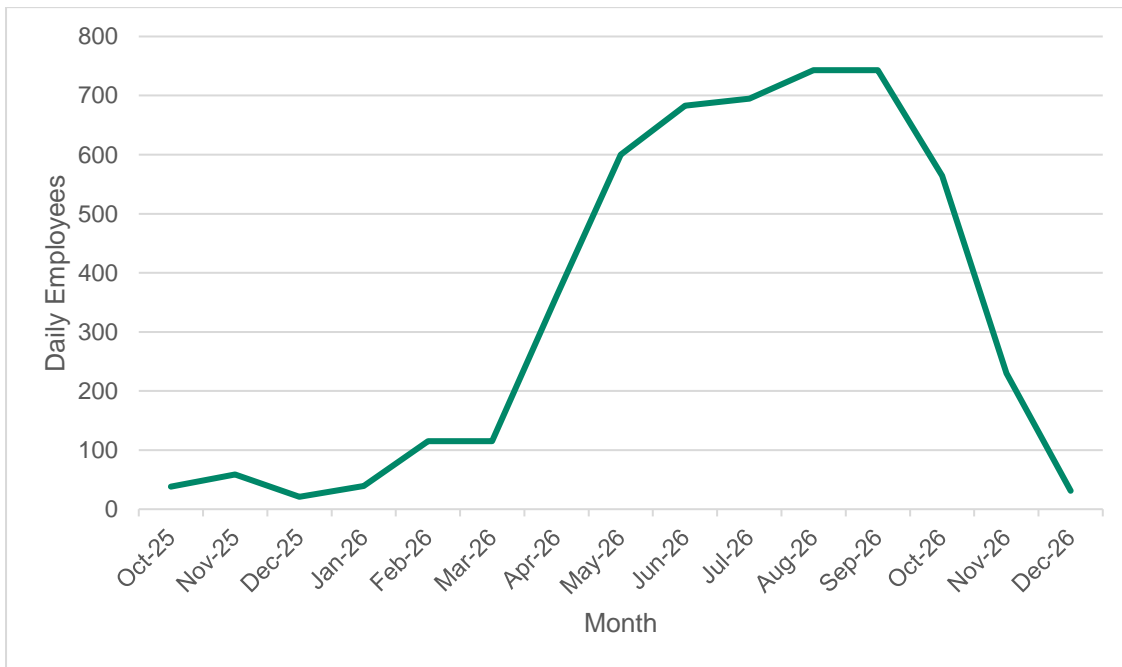


Figure 1: Numbers of Workers by Month

2.1.3 **Table 3** below then shows the arrival and departure times for workers within the busiest month (August/September 2026) as set out in **Table 2** based upon the assumed daily construction timescales of 0700 to 1900 as given in paragraph 12.6.2 of the ES.

Table 3: Daily Arrival and Departure Profile Workers – August 2026

| Hour Beginning | Arrivals | Departures | Two-Way |
|----------------|----------|------------|---------|
| 0600 | 743 | 0 | 743 |
| 0700 | 0 | 0 | 0 |
| 0800 | 0 | 0 | 0 |
| 0900 | 0 | 0 | 0 |
| 1000 | 0 | 0 | 0 |
| 1100 | 0 | 0 | 0 |
| 1200 | 0 | 0 | 0 |
| 1300 | 0 | 0 | 0 |
| 1400 | 0 | 0 | 0 |
| 1500 | 0 | 0 | 0 |
| 1600 | 0 | 0 | 0 |
| 1700 | 0 | 0 | 0 |
| 1800 | 0 | 0 | 0 |
| 1900 | 0 | 743 | 743 |

2.1.4 As shown workers arriving to site will travel between the hours of 0600-0700 and will then depart at the end of the shift at 1900-2000 (1330-1430 on Saturdays). As such by travelling outside the traditional AM and PM peak hours any impact upon the operation of the local highway network will be limited.

3 Construction Vehicle Traffic Profiles

3.1.1 This next section of the appendices outlines the traffic profile of the vehicles associated with the construction traffic.

3.1.2 **Table 4 to Table 7** show the monthly flows by activity for HGVs, LGVs, Minibuses and Major Vehicles and **Table 8 to Table 11** show the LGV, Minibus, and HGV traffic breakdown by month and day.

Table 4: HGVs Monthly Flows by Activity

| Activity | Start Date | End Date | HGVs | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|------------|------------|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|-----|
| Project Management | 01/02/2026 | 25/11/2026 | 3 | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| Project Support Services | 01/02/2026 | 25/11/2026 | 559 | | | | | 559 | 559 | 559 | 559 | 559 | 559 | 559 | 559 | 559 | 559 | |
| Set-up Pipe Dumps | 01/10/2025 | 30/11/2025 | 322 | 322 | 322 | | | | | | | | | | | | | |
| Pipe from Immingham Docks to Pipe Dumps (2 Pipes/Load) | 01/11/2025 | 02/03/2026 | 515 | | 515 | 515 | 515 | 515 | 515 | | | | | | | | | |
| Emergency Crew | 01/04/2026 | 27/11/2026 | 30 | | | | | | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | |
| Erosion Control / Environmental | 07/04/2026 | 03/12/2026 | 30 | | | | | | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Set Out RoW Fencing, Pipeline Centreline and As-built | 01/04/2026 | 23/11/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | |
| RoW Access (114no. Ditches/Field Drains) | 01/04/2026 | 04/09/2026 | 37 | | | | | | | 37 | 37 | 37 | 37 | 37 | 37 | | | |
| Right of Way Fencing | 02/04/2026 | 05/09/2026 | 9 | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | | | |
| Stoned Hard Standings, and Roads including Reinstatement | 06/04/2026 | 14/11/2026 | 1040 | | | | | | | 1040 | 1040 | 1040 | 1040 | 1040 | 1040 | 1040 | 1040 | |
| Laydown, Welfare and Parking Areas | 13/04/2026 | 30/10/2026 | 15 | | | | | | | 15 | 10 | 10 | 10 | 10 | 10 | 10 | | |
| Welfare and Parking Areas | 13/04/2026 | 30/10/2026 | 3 | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| Bridges Install & Remove | 15/06/2026 | 31/10/2026 | 5 | | | | | | | | | 5 | 5 | 5 | 5 | 5 | | |
| Topsoil Strip | 09/04/2026 | 08/09/2026 | 18 | | | | | | | 18 | 18 | 18 | 18 | 18 | 18 | | | |
| Load-out - Haul and String (2 Pipes/Load) | 13/04/2026 | 12/09/2026 | 682 | | | | | | | 682 | 682 | 682 | 682 | 682 | 682 | | | |
| Field Bending (94 Days @ 600m/day + 13 Moves) | 20/04/2026 | 19/09/2026 | 7 | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | | | |
| End Prep Crew (100no Pipe Ends/Day) | 27/04/2026 | 24/09/2026 | 50 | | | | | | | 50 | 50 | 50 | 50 | 50 | 50 | | | |
| Mainline Welding (4534 Welds @ 50 welds/Day + 11 Moves) | 28/04/2026 | 25/09/2026 | 64 | | | | | | | 64 | 64 | 64 | 64 | 64 | 64 | | | |
| Poor Boy/Pre-Fabrication Crew (546 Welds @ 6/day + 11 Moves) | 28/04/2026 | 27/09/2026 | 66 | | | | | | | 66 | 66 | 66 | 66 | 66 | 66 | | | |
| Non-Destructive Testing (NDT) (4 Crews) | 28/04/2026 | 03/10/2026 | 79 | | | | | | | 79 | 79 | 79 | 79 | 79 | 79 | 79 | | |
| Field Joint Coating (3 Mobile Units) | 11/05/2026 | 18/10/2026 | 59 | | | | | | | | 59 | 59 | 59 | 59 | 59 | 59 | | |
| Trenching | 18/05/2026 | 17/10/2026 | 18 | | | | | | | | 18 | 18 | 18 | 18 | 18 | 18 | | |
| Bedding & Padding | 20/05/2026 | 19/10/2026 | 203 | | | | | | | | 203 | 203 | 203 | 203 | 203 | 203 | | |
| Lowering-in | 22/05/2026 | 21/10/2026 | 74 | | | | | | | | 74 | 74 | 74 | 74 | 74 | 74 | | |
| Open-cut Crossings (118no.) | 18/05/2026 | 17/10/2026 | 38 | | | | | | | | 38 | 38 | 38 | 38 | 38 | 38 | | |
| Pre-cast Concrete Slabs | 18/05/2026 | 13/07/2026 | 20 | | | | | | | | 20 | 20 | | | | | | |
| Tie-in Crews (2no. - 112+ Tie-in Welds) | 20/05/2026 | 21/10/2026 | 55 | | | | | | | | 55 | 55 | 55 | 55 | 55 | 55 | | |
| Cathodic Protection | 18/05/2026 | 22/11/2026 | 20 | | | | | | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| Backfill | 25/05/2026 | 24/10/2026 | 22 | | | | | | | | 22 | 22 | 22 | 22 | 22 | 22 | | |

| Activity | Start Date | End Date | HGVs | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|------------|------------|-------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|
| Reinstatement | 01/06/2026 | 31/10/2026 | 55 | | | | | | | | | 55 | 55 | 55 | 55 | 55 | | |
| Marker Posts (188no. @ 4/Day) | 10/08/2023 | 26/10/2023 | 31 | | | | | | | | | | | 31 | 31 | 31 | | |
| Hedge Reinstatement (224no.) | 10/08/2026 | 27/10/2026 | 25 | | | | | | | | | | | 25 | 25 | 25 | | |
| Roads - Tarmac Repair/Resurfacing (42no.) | 17/08/2026 | 24/10/2026 | 15 | | | | | | | | | | | 15 | 15 | 15 | | |
| Horizontal Directional Drilling (10no.) 2 Crews | 04/05/2026 | 15/10/2026 | 163 | | | | | | | | 163 | 163 | 163 | 163 | 163 | 163 | | |
| Auger Crossings (81no.) 4 Crews | 04/05/2026 | 15/10/2026 | 212 | | | | | | | | 212 | 212 | 212 | 212 | 212 | 212 | | |
| Micro tunnel (2no.) | 01/06/2026 | 15/10/2026 | 24 | | | | | | | | | 24 | 24 | 24 | 24 | 24 | | |
| Clean and Gauge (4 Sections) | 27/07/2026 | 23/10/2026 | 44 | | | | | | | | | | 44 | 44 | 44 | 44 | | |
| Hydro test (Filling, Testing & Bulk Dewatering) (5no. Sections) | 24/08/2026 | 02/11/2026 | 205 | | | | | | | | | | | 205 | 205 | 205 | 205 | |
| Dew Point Drying | 05/11/2026 | 25/11/2026 | 5 | | | | | | | | | | | | | | 5 | |
| Pearson/DCVG/CIPS Coating Survey | 24/08/2026 | 30/11/2026 | <1 | | | | | | | | | | | <1 | <1 | <1 | <1 | |
| Block Valves (3 no.) | 01/06/2026 | 10/11/2026 | 127 | | | | | | | | | 127 | 127 | 127 | 127 | 127 | 127 | |
| Immingham and Theddlethorpe AGI's | 01/01/2026 | 31/12/2026 | 24 | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | 4973 | 322 | 837 | 515 | 539 | 1101 | 1101 | 2716 | 3595 | 3806 | 3830 | 4106 | 4106 | 3173 | 2043 | 54 |

Table 5: LGV Monthly Flows by Activity

| Activity | Start Date | End Date | LGV | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Project Management | 01/02/2026 | 25/11/2026 | 254 | | | | | 254 | 254 | 254 | 254 | 254 | 254 | 254 | 254 | 254 | 254 | |
| Project Support Services | 01/02/2026 | 25/11/2026 | 229 | | | | | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | |
| Set-up Pipe Dumps | 01/10/2025 | 30/11/2025 | 120 | 120 | 120 | | | | | | | | | | | | | |
| Pipe from Immingham Docks to Pipe Dumps (2 Pipes/Load) | 01/11/2025 | 02/03/2026 | 62 | | 62 | 62 | 62 | 62 | 62 | | | | | | | | | |
| Emergency Crew | 01/04/2026 | 27/11/2026 | 30 | | | | | | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | |
| Erosion Control / Environmental | 07/04/2026 | 03/12/2026 | 60 | | | | | | | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| Set Out RoW Fencing, Pipeline Centreline and As-built | 01/04/2026 | 23/11/2026 | 59 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | |
| RoW Access (114no. Ditches/Field Drains) | 01/04/2026 | 04/09/2026 | 19 | | | | | | | 19 | 19 | 19 | 19 | 19 | 19 | | | |
| Right of Way Fencing | 02/04/2026 | 05/09/2026 | 19 | | | | | | | 19 | 19 | 19 | 19 | 19 | 19 | | | |
| Stoned Hard Standings, and Roads including Reinstatement | 06/04/2026 | 14/11/2026 | 22 | | | | | | | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | |
| Laydown, Welfare and Parking Areas | 13/04/2026 | 30/10/2026 | <1 | | | | | | | <1 | 10 | 10 | 10 | 10 | 10 | 10 | | |
| Welfare and Parking Areas | 13/04/2026 | 30/10/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | | |
| Bridges Install & Remove | 15/06/2026 | 31/10/2026 | 6 | | | | | | | | | 6 | 6 | 6 | 6 | 6 | | |
| Topsoil Strip | 09/04/2026 | 08/09/2026 | 45 | | | | | | | 45 | 45 | 45 | 45 | 45 | 45 | | | |
| Load-out - Haul and String (2 Pipes/Load) | 13/04/2026 | 12/09/2026 | 45 | | | | | | | 45 | 45 | 45 | 45 | 45 | 45 | | | |
| Field Bending (94 Days @ 600m/day + 13 Moves) | 20/04/2026 | 19/09/2026 | 45 | | | | | | | 45 | 45 | 45 | 45 | 45 | 45 | | | |
| End Prep Crew (100no Pipe Ends/Day) | 27/04/2026 | 24/09/2026 | 22 | | | | | | | 22 | 22 | 22 | 22 | 22 | 22 | | | |
| Mainline Welding (4534 Welds @ 50 welds/Day + 11 Moves) | 28/04/2026 | 25/09/2026 | 110 | | | | | | | 110 | 110 | 110 | 110 | 110 | 110 | | | |
| Poor Boy/Pre-Fabrication Crew (546 Welds @ 6/day + 11 Moves) | 28/04/2026 | 27/09/2026 | 67 | | | | | | | 67 | 67 | 67 | 67 | 67 | 67 | | | |
| Non-Destructive Testing (NDT) (4 Crews) | 28/04/2026 | 03/10/2026 | 39 | | | | | | | 39 | 39 | 39 | 39 | 39 | 39 | 39 | | |
| Field Joint Coating (3 Mobile Units) | 11/05/2026 | 18/10/2026 | 98 | | | | | | | | 98 | 98 | 98 | 98 | 98 | 98 | | |
| Trenching | 18/05/2026 | 17/10/2026 | 45 | | | | | | | | 45 | 45 | 45 | 45 | 45 | 45 | | |
| Bedding & Padding | 20/05/2026 | 19/10/2026 | 45 | | | | | | | | 45 | 45 | 45 | 45 | 45 | 45 | | |
| Lowering-in | 22/05/2026 | 21/10/2026 | 22 | | | | | | | | 22 | 22 | 22 | 22 | 22 | 22 | | |
| Open-cut Crossings (118no.) | 18/05/2026 | 17/10/2026 | 47 | | | | | | | | 47 | 47 | 47 | 47 | 47 | 47 | | |
| Pre-cast Concrete Slabs | 18/05/2026 | 13/07/2026 | <1 | | | | | | | | <1 | <1 | | | | | | |
| Tie-in Crews (2no. - 112+ Tie-in Welds) | 20/05/2026 | 21/10/2026 | 75 | | | | | | | | 75 | 75 | 75 | 75 | 75 | 75 | | |
| Cathodic Protection | 18/05/2026 | 22/11/2026 | 40 | | | | | | | | 40 | 40 | 40 | 40 | 40 | 40 | 40 | |
| Backfill | 25/05/2026 | 24/10/2026 | 22 | | | | | | | | 22 | 22 | 22 | 22 | 22 | 22 | | |

| Activity | Start Date | End Date | LGV | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|------------|------------|-------------|------------|------------|-----------|-----------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-----------|
| Reinstatement | 01/06/2026 | 31/10/2026 | 22 | | | | | | | | | 22 | 22 | 22 | 22 | 22 | | |
| Marker Posts (188no. @ 4/Day) | 10/08/2023 | 26/10/2023 | 16 | | | | | | | | | | | 16 | 16 | 16 | | |
| Hedge Reinstatement (224no.) | 10/08/2026 | 27/10/2026 | 19 | | | | | | | | | | | 19 | 19 | 19 | | |
| Roads - Tarmac Repair/Resurfacing (42no.) | 17/08/2026 | 24/10/2026 | 15 | | | | | | | | | | | 15 | 15 | 15 | | |
| Horizontal Directional Drilling (10no.) 2 Crews | 04/05/2026 | 15/10/2026 | 80 | | | | | | | | 80 | 80 | 80 | 80 | 80 | 80 | | |
| Auger Crossings (81no.) 4 Crews | 04/05/2026 | 15/10/2026 | 200 | | | | | | | | 200 | 200 | 200 | 200 | 200 | 200 | | |
| Micro tunnel (2no.) | 01/06/2026 | 15/10/2026 | 40 | | | | | | | | | 40 | 40 | 40 | 40 | 40 | | |
| Clean and Gauge (4 Sections) | 27/07/2026 | 23/10/2026 | 60 | | | | | | | | | | 60 | 60 | 60 | 60 | | |
| Hydro test (Filling, Testing & Bulk Dewatering) (5no. Sections) | 24/08/2026 | 02/11/2026 | 50 | | | | | | | | | | | 50 | 50 | 50 | 50 | |
| Dew Point Drying | 05/11/2026 | 25/11/2026 | 60 | | | | | | | | | | | | | | 60 | |
| Pearson/DCVG/CIPS Coating Survey | 24/08/2026 | 30/11/2026 | 42 | | | | | | | | | | | 42 | 0 | 0 | 0 | |
| Block Valves (3 no.) | 01/06/2026 | 10/11/2026 | 160 | | | | | | | | | 160 | 160 | 160 | 160 | 160 | 160 | |
| Immingham and Theddlethorpe AGI's | 01/01/2026 | 31/12/2026 | <1 | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| Total | | | 2411 | 120 | 182 | 62 | 62 | 544 | 544 | 1005 | 1690 | 1918 | 1978 | 2120 | 2078 | 1707 | 905 | 60 |

Table 6: Minibus Flows by Monthly Activity

| Activity | Start Date | End Date | Minibuses | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|------------|------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Project Management | 01/02/2026 | 25/11/2026 | <1 | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | |
| Project Support Services | 01/02/2026 | 25/11/2026 | 25 | | | | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |
| Set-up Pipe Dumps | 01/10/2025 | 30/11/2025 | 30 | 30 | 30 | | | | | | | | | | | | | |
| Pipe from Immingham Docks to Pipe Dumps (2 Pipes/Load) | 01/11/2025 | 02/03/2026 | 21 | | 21 | 21 | 21 | 21 | 21 | | | | | | | | | |
| Emergency Crew | 01/04/2026 | 27/11/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | |
| Erosion Control / Environmental | 07/04/2026 | 03/12/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 0 |
| Set Out RoW Fencing, Pipeline Centreline and As-built | 01/04/2026 | 23/11/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | |
| RoW Access (114no. Ditches/Field Drains) | 01/04/2026 | 04/09/2026 | 19 | | | | | | | 19 | 19 | 19 | 19 | 19 | 19 | | | |
| Right of Way Fencing | 02/04/2026 | 05/09/2026 | 19 | | | | | | | 19 | 19 | 19 | 19 | 19 | 19 | | | |
| Stoned Hard Standings, and Roads including Reinstatement | 06/04/2026 | 14/11/2026 | 22 | | | | | | | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | |
| Laydown, Welfare and Parking Areas | 13/04/2026 | 30/10/2026 | <1 | | | | | | | 0 | 10 | 10 | 10 | 10 | 10 | 10 | | |
| Welfare and Parking Areas | 13/04/2026 | 30/10/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | | |
| Bridges Install & Remove | 15/06/2026 | 31/10/2026 | <1 | | | | | | | | | <1 | <1 | <1 | <1 | <1 | | |
| Topsoil Strip | 09/04/2026 | 08/09/2026 | 22 | | | | | | | 22 | 22 | 22 | 22 | 22 | 22 | | | |
| Load-out - Haul and String (2 Pipes/Load) | 13/04/2026 | 12/09/2026 | 45 | | | | | | | 45 | 45 | 45 | 45 | 45 | 45 | | | |
| Field Bending (94 Days @ 600m/day + 13 Moves) | 20/04/2026 | 19/09/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | | | |
| End Prep Crew (100no Pipe Ends/Day) | 27/04/2026 | 24/09/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | | | |
| Mainline Welding (4534 Welds @ 50 welds/Day + 11 Moves) | 28/04/2026 | 25/09/2026 | 44 | | | | | | | 44 | 44 | 44 | 44 | 44 | 44 | | | |
| Poor Boy/Pre-Fabrication Crew (546 Welds @ 6/day + 11 Moves) | 28/04/2026 | 27/09/2026 | 22 | | | | | | | 22 | 22 | 22 | 22 | 22 | 22 | | | |
| Non-Destructive Testing (NDT) (4 Crews) | 28/04/2026 | 03/10/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | | |
| Field Joint Coating (3 Mobile Units) | 11/05/2026 | 18/10/2026 | <1 | | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | | |
| Trenching | 18/05/2026 | 17/10/2026 | 22 | | | | | | | | 22 | 22 | 22 | 22 | 22 | 22 | | |
| Bedding & Padding | 20/05/2026 | 19/10/2026 | <1 | | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | | |
| Lowering-in | 22/05/2026 | 21/10/2026 | 22 | | | | | | | | 22 | 22 | 22 | 22 | 22 | 22 | | |
| Open-cut Crossings (118no.) | 18/05/2026 | 17/10/2026 | 24 | | | | | | | | 24 | 24 | 24 | 24 | 24 | 24 | | |
| Pre-cast Concrete Slabs | 18/05/2026 | 13/07/2026 | <1 | | | | | | | | <1 | <1 | | | | | | |
| Tie-in Crews (2no. - 112+ Tie-in Welds) | 20/05/2026 | 21/10/2026 | 19 | | | | | | | | 19 | 19 | 19 | 19 | 19 | 19 | | |
| Cathodic Protection | 18/05/2026 | 22/11/2026 | <1 | | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | |
| Backfill | 25/05/2026 | 24/10/2026 | 22 | | | | | | | | 22 | 22 | 22 | 22 | 22 | 22 | | |

| Activity | Start Date | End Date | Minibuses | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|
| Reinstatement | 01/06/2026 | 31/10/2026 | 22 | | | | | | | | | 22 | 22 | 22 | 22 | 22 | | |
| Marker Posts (188no. @ 4/Day) | 10/08/2023 | 26/10/2023 | <1 | | | | | | | | | | | <1 | <1 | <1 | | |
| Hedge Reinstatement (224no.) | 10/08/2026 | 27/10/2026 | <1 | | | | | | | | | | | <1 | <1 | <1 | | |
| Roads - Tarmac Repair/Resurfacing (42no.) | 17/08/2026 | 24/10/2026 | <1 | | | | | | | | | | | <1 | <1 | <1 | | |
| Horizontal Directional Drilling (10no.) 2 Crews | 04/05/2026 | 15/10/2026 | 40 | | | | | | | | 40 | 40 | 40 | 40 | 40 | 40 | | |
| Auger Crossings (81no.) 4 Crews | 04/05/2026 | 15/10/2026 | <1 | | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | | |
| Micro tunnel (2no.) | 01/06/2026 | 15/10/2026 | <1 | | | | | | | | | <1 | <1 | <1 | <1 | <1 | | |
| Clean and Gauge (4 Sections) | 27/07/2026 | 23/10/2026 | 20 | | | | | | | | | | 20 | 20 | 20 | 20 | | |
| Hydro test (Filling, Testing & Bulk Dewatering) (5no. Sections) | 24/08/2026 | 02/11/2026 | 17 | | | | | | | | | | | 17 | 17 | 17 | 17 | |
| Dew Point Drying | 05/11/2026 | 25/11/2026 | <1 | | | | | | | | | | | | | | <1 | |
| Pearson/DCVG/CIPS Coating Survey | 24/08/2026 | 30/11/2026 | <1 | | | | | | | | | | | <1 | <1 | <1 | <1 | |
| Block Valves (3 no.) | 01/06/2026 | 10/11/2026 | <1 | | | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | |
| Immingham and Theddlethorpe AGI's | 01/01/2026 | 31/12/2026 | <1 | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 0 |
| Total | | | 478 | 30 | 51 | 21 | 21 | 46 | 46 | 218 | 378 | 400 | 420 | 437 | 437 | 266 | 64 | 0 |

Table 7: Major Vehicle Flows by Monthly Activity

| Activity | Start Date | End Date | Major | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|------------|------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Project Management | 01/02/2026 | 25/11/2026 | 1 | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Project Support Services | 01/02/2026 | 25/11/2026 | <1 | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | |
| Set-up Pipe Dumps | 01/10/2025 | 30/11/2025 | 9 | 9 | 9 | | | | | | | | | | | | | |
| Pipe from Immingham Docks to Pipe Dumps (2 Pipes/Load) | 01/11/2025 | 02/03/2026 | 2 | | 2 | 2 | 2 | 2 | 2 | | | | | | | | | |
| Emergency Crew | 01/04/2026 | 27/11/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | |
| Erosion Control / Environmental | 07/04/2026 | 03/12/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| Set Out RoW Fencing, Pipeline Centreline and As-built | 01/04/2026 | 23/11/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | |
| RoW Access (114no. Ditches/Field Drains) | 01/04/2026 | 04/09/2026 | 1 | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| Right of Way Fencing | 02/04/2026 | 05/09/2026 | 1 | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| Stoned Hard Standings, and Roads including Reinstatement | 06/04/2026 | 14/11/2026 | 2 | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| Laydown, Welfare and Parking Areas | 13/04/2026 | 30/10/2026 | <1 | | | | | | | <1 | 10 | 10 | 10 | 10 | 10 | 10 | | |
| Welfare and Parking Areas | 13/04/2026 | 30/10/2026 | <1 | | | | | | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | | |
| Bridges Install & Remove | 15/06/2026 | 31/10/2026 | 1 | | | | | | | | | 1 | 1 | 1 | 1 | 1 | | |
| Topsoil Strip | 09/04/2026 | 08/09/2026 | 2 | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| Load-out - Haul and String (2 Pipes/Load) | 13/04/2026 | 12/09/2026 | 3 | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| Field Bending (94 Days @ 600m/day + 13 Moves) | 20/04/2026 | 19/09/2026 | 1 | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| End Prep Crew (100no Pipe Ends/Day) | 27/04/2026 | 24/09/2026 | 1 | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| Mainline Welding (4534 Welds @ 50 welds/Day + 11 Moves) | 28/04/2026 | 25/09/2026 | 3 | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| Poor Boy/Pre-Fabrication Crew (546 Welds @ 6/day + 11 Moves) | 28/04/2026 | 27/09/2026 | 2 | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| Non-Destructive Testing (NDT) (4 Crews) | 28/04/2026 | 03/10/2026 | 1 | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Field Joint Coating (3 Mobile Units) | 11/05/2026 | 18/10/2026 | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Trenching | 18/05/2026 | 17/10/2026 | 2 | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | |
| Bedding & Padding | 20/05/2026 | 19/10/2026 | 3 | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | | |
| Lowering-in | 22/05/2026 | 21/10/2026 | 2 | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | |
| Open-cut Crossings (118no.) | 18/05/2026 | 17/10/2026 | 2 | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | |
| Pre-cast Concrete Slabs | 18/05/2026 | 13/07/2026 | 10 | | | | | | | | 10 | 10 | | | | | | |
| Tie-in Crews (2no. - 112+ Tie-in Welds) | 20/05/2026 | 21/10/2026 | 2 | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | |
| Cathodic Protection | 18/05/2026 | 22/11/2026 | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Backfill | 25/05/2026 | 24/10/2026 | 2 | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | |

| Activity | Start Date | End Date | Major | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|------------|------------|-----------|----------|-----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| Reinstatement | 01/06/2026 | 31/10/2026 | 3 | | | | | | | | | 3 | 3 | 3 | 3 | 3 | | |
| Marker Posts (188no. @ 4/Day) | 10/08/2023 | 26/10/2023 | 1 | | | | | | | | | | | 1 | 1 | 1 | | |
| Hedge Reinstatement (224no.) | 10/08/2026 | 27/10/2026 | 1 | | | | | | | | | | | 1 | 1 | 1 | | |
| Roads - Tarmac Repair/Resurfacing (42no.) | 17/08/2026 | 24/10/2026 | 1 | | | | | | | | | | | 1 | 1 | 1 | | |
| Horizontal Directional Drilling (10no.) 2 Crews | 04/05/2026 | 15/10/2026 | 3 | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | | |
| Auger Crossings (81no.) 4 Crews | 04/05/2026 | 15/10/2026 | 3 | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | | |
| Micro tunnel (2no.) | 01/06/2026 | 15/10/2026 | 3 | | | | | | | | | 3 | 3 | 3 | 3 | 3 | | |
| Clean and Gauge (4 Sections) | 27/07/2026 | 23/10/2026 | 2 | | | | | | | | | | 2 | 2 | 2 | 2 | | |
| Hydro test (Filling, Testing & Bulk Dewatering) (5no. Sections) | 24/08/2026 | 02/11/2026 | 6 | | | | | | | | | | | 6 | 6 | 6 | 6 | |
| Dew Point Drying | 05/11/2026 | 25/11/2026 | <1 | | | | | | | | | | | | | | 0 | |
| Pearson/DCVG/CIPS Coating Survey | 24/08/2026 | 30/11/2026 | <1 | | | | | | | | | | | <1 | <1 | <1 | <1 | |
| Block Valves (3 no.) | 01/06/2026 | 10/11/2026 | 3 | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | |
| Immingham and Theddlethorpe AGI's | 01/01/2026 | 31/12/2026 | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total | | | 79 | 9 | 11 | 2 | 3 | 4 | 4 | 19 | 57 | 67 | 59 | 67 | 67 | 54 | 14 | 1 |

3.1.3 Based upon the construction dates from **Table 4** to **Table 7**, **Table 8** to **Table 11** show the LGV, Minibus, HGV and Major Vehicle traffic breakdown by month and day, assuming an average 24 working days per month.

Table 8: HGV Monthly and Daily Traffic Profile

| Month | Per Month One Way | Per Month Two Way | Per Day One Way | Per Day Two Way |
|--------|-------------------|-------------------|-----------------|-----------------|
| Oct-25 | 322 | 644 | 13 | 27 |
| Nov-25 | 837 | 1674 | 35 | 70 |
| Dec-25 | 515 | 1030 | 21 | 43 |
| Jan-26 | 539 | 1078 | 22 | 45 |
| Feb-26 | 1101 | 2202 | 46 | 92 |
| Mar-26 | 1101 | 2202 | 46 | 92 |
| Apr-26 | 2716 | 5432 | 113 | 226 |
| May-26 | 3595 | 7190 | 150 | 300 |
| Jun-26 | 3806 | 7612 | 159 | 317 |
| Jul-26 | 3830 | 7660 | 160 | 319 |
| Aug-26 | 4106 | 8212 | 171 | 342 |
| Sep-26 | 4106 | 8212 | 171 | 342 |
| Oct-26 | 3173 | 6346 | 132 | 264 |
| Nov-26 | 2043 | 4086 | 85 | 170 |
| Dec-26 | 54 | 108 | 2 | 5 |

Table 9: LGV Monthly and Daily Traffic Profile

| Month | Per Month One Way | Per Month Two Way | Per Day One Way | Per Day Two Way |
|--------|-------------------|-------------------|-----------------|-----------------|
| Oct-25 | 120 | 240 | 5 | 10 |
| Nov-25 | 182 | 364 | 8 | 15 |
| Dec-25 | 62 | 124 | 3 | 5 |
| Jan-26 | 62 | 124 | 3 | 5 |
| Feb-26 | 544 | 1089 | 23 | 45 |
| Mar-26 | 544 | 1089 | 23 | 45 |
| Apr-26 | 1005 | 2010 | 42 | 84 |
| May-26 | 1690 | 3379 | 70 | 141 |
| Jun-26 | 1918 | 3837 | 80 | 160 |
| Jul-26 | 1978 | 3957 | 82 | 165 |
| Aug-26 | 2120 | 4240 | 88 | 177 |
| Sep-26 | 2078 | 4156 | 87 | 173 |
| Oct-26 | 1707 | 3414 | 71 | 142 |
| Nov-26 | 905 | 1809 | 38 | 75 |
| Dec-26 | 60 | 120 | 3 | 5 |

Table 10: Minibus Monthly and Daily Traffic Profile

| Month | Per Month One Way | Per Month Two Way | Per Day One Way | Per Day Two Way |
|--------|-------------------|-------------------|-----------------|-----------------|
| Oct-25 | 30 | 60 | 1 | 3 |
| Nov-25 | 51 | 101 | 2 | 4 |
| Dec-25 | 21 | 41 | 1 | 2 |
| Jan-26 | 21 | 41 | 1 | 2 |
| Feb-26 | 46 | 92 | 2 | 4 |
| Mar-26 | 46 | 92 | 2 | 4 |
| Apr-26 | 218 | 437 | 9 | 18 |
| May-26 | 378 | 756 | 16 | 31 |
| Jun-26 | 400 | 801 | 17 | 33 |
| Jul-26 | 420 | 841 | 18 | 35 |
| Aug-26 | 437 | 874 | 18 | 36 |
| Sep-26 | 437 | 874 | 18 | 36 |
| Oct-26 | 266 | 532 | 11 | 22 |
| Nov-26 | 64 | 128 | 3 | 5 |
| Dec-26 | 0 | 0 | 0 | 0 |

Table 11: Major Vehicle Monthly and Daily Traffic Profile

| Month | Per Month One Way | Per Month Two Way | Per Day One Way | Per Day Two Way |
|--------|-------------------|-------------------|-----------------|-----------------|
| Oct-25 | 9 | 18 | <1 | 1 |
| Nov-25 | 11 | 23 | <1 | 1 |
| Dec-25 | 2 | 5 | <1 | <1 |
| Jan-26 | 3 | 6 | <1 | <1 |
| Feb-26 | 4 | 8 | <1 | <1 |
| Mar-26 | 3 | 6 | <1 | <1 |
| Apr-26 | 18 | 36 | 1 | 2 |
| May-26 | 56 | 113 | 2 | 5 |
| Jun-26 | 66 | 131 | 3 | 5 |
| Jul-26 | 59 | 118 | 2 | 5 |
| Aug-26 | 66 | 132 | 3 | 6 |
| Sep-26 | 66 | 132 | 3 | 6 |
| Oct-26 | 53 | 106 | 2 | 4 |
| Nov-26 | 13 | 25 | 1 | 1 |
| Dec-26 | 1 | 2 | <1 | <1 |

3.1.4 **Table 12** and **Table 13** then show the combined monthly and daily totals for all vehicles based on the information presented above in **Table 8** to **Table 11**.

Table 12: Combined Monthly Two Way Traffic Profile

| Monthly Two Way | LGVS | Mini Bus | HGV | Major | Total |
|-----------------|------|----------|------|-------|-------|
| Oct-25 | 240 | 60 | 644 | 18 | 962 |
| Nov-25 | 364 | 101 | 1674 | 23 | 2162 |
| Dec-25 | 124 | 41 | 1030 | 5 | 1200 |
| Jan-26 | 124 | 41 | 1078 | 6 | 1249 |
| Feb-26 | 1089 | 92 | 2202 | 8 | 2881 |
| Mar-26 | 1089 | 92 | 2202 | 6 | 2881 |
| Apr-26 | 2010 | 437 | 5432 | 36 | 7407 |
| May-26 | 3379 | 756 | 7190 | 113 | 10930 |
| Jun-26 | 3837 | 801 | 7612 | 131 | 11873 |
| Jul-26 | 3957 | 841 | 7660 | 118 | 12066 |
| Aug-26 | 4240 | 874 | 8212 | 132 | 12950 |
| Sep-26 | 4156 | 874 | 8212 | 132 | 12866 |
| Oct-26 | 3414 | 532 | 6346 | 106 | 9890 |
| Nov-26 | 1809 | 128 | 4086 | 25 | 5540 |
| Dec-26 | 120 | 0 | 108 | 2 | 230 |

3.1.5 The daily profile can then be set out based upon the average of 24 working days per month as follows in **Table 13**.

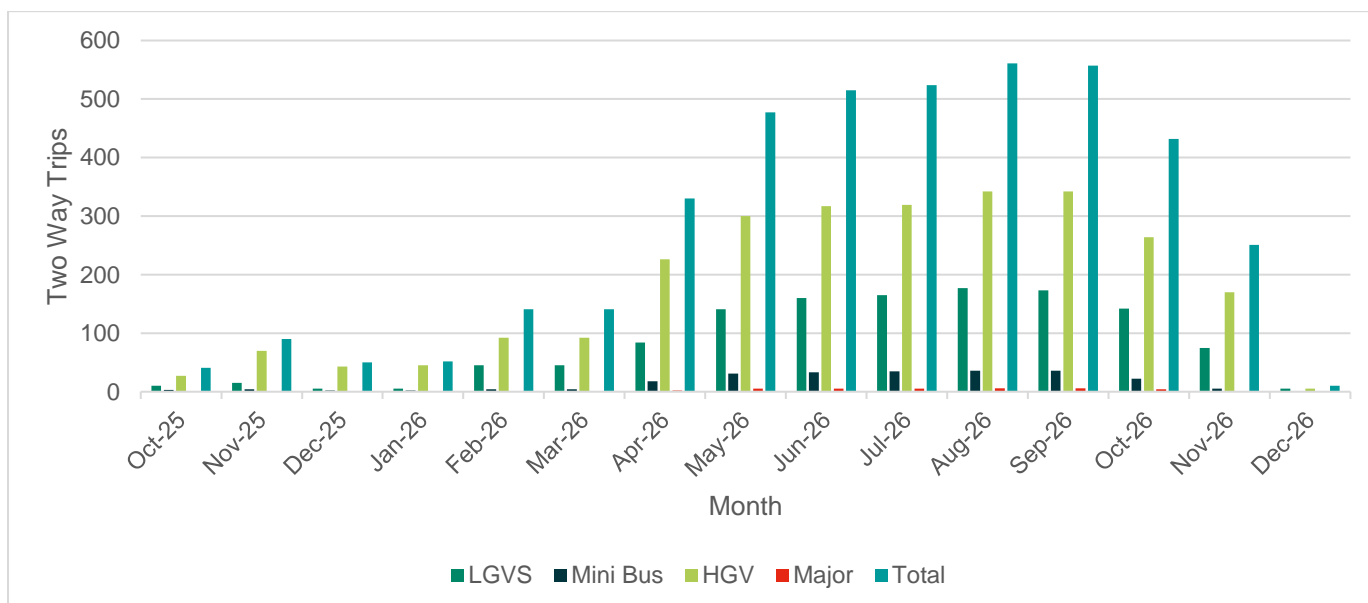
Table 13: Combined Daily Traffic Profile by Month (Two Way)

| Daily per Month Two Way | LGVS | Mini Bus | HGV | Major | Total |
|-------------------------|------|----------|-----|-------|-------|
| Oct-25 | 10 | 3 | 27 | 1 | 41 |
| Nov-25 | 15 | 4 | 70 | 1 | 90 |
| Dec-25 | 5 | 2 | 43 | 0 | 50 |
| Jan-26 | 5 | 2 | 45 | 0 | 52 |
| Feb-26 | 45 | 4 | 92 | 0 | 141 |
| Mar-26 | 45 | 4 | 92 | 0 | 141 |
| Apr-26 | 84 | 18 | 226 | 2 | 330 |
| May-26 | 141 | 31 | 300 | 5 | 477 |
| Jun-26 | 160 | 33 | 317 | 5 | 515 |
| Jul-26 | 165 | 35 | 319 | 5 | 524 |
| Aug-26 | 177 | 36 | 342 | 6 | 561 |
| Sep-26 | 173 | 36 | 342 | 6 | 557 |
| Oct-26 | 142 | 22 | 264 | 4 | 432 |
| Nov-26 | 75 | 5 | 170 | 1 | 251 |
| Dec-26 | 5 | 0 | 5 | 0 | 10 |

3.1.6 As shown the highest number of construction vehicle trips are predicted to be in August 2026 with a total of 561 two way movements.

3.1.7 **Figure 2** then presents a graphical representation of the above.

Figure 2: Average Daily Breakdown of Vehicle Type by Month



3.1.8 The information shows that during the peak month, August 2026, HGV movements will be the predominant vehicle type that will be on the network during the construction period followed by LGVs.

3.1.9 **Table 14 to Table 16** then show the daily arrival and departure profiles for HGVs, LGVs and Minibuses, based upon an even profile across the working day between the working hours of 0700 and 1900. It noted that major vehicles have not been included within this section as they will need to be agreed prior to arrival to site and generates significantly less traffic than other vehicles.

Table 14: HGV Daily Arrival and Departure Profile

| Hour Beginning | % of daily inbound | % of daily outbound | Arrivals | Departures | Two Way |
|----------------|--------------------|---------------------|----------|------------|---------|
| 06:00 | 0% | 0% | 0 | 0 | 0 |
| 07:00 | 9% | 8% | 16 | 14 | 30 |
| 08:00 | 9% | 8% | 16 | 14 | 30 |
| 09:00 | 9% | 8% | 16 | 14 | 30 |
| 10:00 | 9% | 8% | 16 | 14 | 30 |
| 11:00 | 9% | 8% | 16 | 14 | 30 |
| 12:00 | 9% | 8% | 16 | 14 | 30 |
| 13:00 | 9% | 8% | 16 | 14 | 30 |
| 14:00 | 9% | 8% | 16 | 14 | 30 |
| 15:00 | 9% | 8% | 16 | 14 | 30 |
| 16:00 | 9% | 8% | 16 | 14 | 30 |
| 17:00 | 9% | 8% | 16 | 14 | 30 |
| 18:00 | 0% | 8% | 0 | 14 | 14 |
| 19:00 | 0% | 0% | 0 | 0 | 0 |
| 20:00 | 0% | 0% | 0 | 0 | 0 |
| 21:00 | 0% | 0% | 0 | 0 | 0 |
| | 100% | 100% | 171 | 171 | 342 |

Table 15: LGV Daily Arrival and Departure Profile

| Hour Beginning | % of daily inbound | % of daily outbound | Arrivals | Departures | Two Way |
|----------------|--------------------|---------------------|----------|------------|---------|
| 06:00 | 0% | 0% | 0 | 0 | 0 |
| 07:00 | 9% | 8% | 8 | 7 | 15 |
| 08:00 | 9% | 8% | 8 | 7 | 15 |
| 09:00 | 9% | 8% | 8 | 7 | 15 |
| 10:00 | 9% | 8% | 8 | 7 | 15 |
| 11:00 | 9% | 8% | 8 | 7 | 15 |
| 12:00 | 9% | 8% | 8 | 7 | 15 |
| 13:00 | 9% | 8% | 8 | 7 | 15 |
| 14:00 | 9% | 8% | 8 | 7 | 15 |
| 15:00 | 9% | 8% | 8 | 7 | 15 |
| 16:00 | 9% | 8% | 8 | 7 | 15 |
| 17:00 | 9% | 8% | 8 | 7 | 15 |
| 18:00 | 0% | 8% | 0 | 7 | 7 |
| 19:00 | 0% | 0% | 0 | 0 | 0 |
| 20:00 | 0% | 0% | 0 | 0 | 0 |
| 21:00 | 0% | 0% | 0 | 0 | 0 |
| | 100% | 100% | 89 | 89 | 177 |

Table 16: Minibus Daily Arrival and Departure Profile

| Hour Beginning | % of daily inbound | % of daily outbound | Arrivals | Departures | Two Way |
|----------------|--------------------|---------------------|----------|------------|---------|
| 06:00 | 0% | 0% | 0 | 0 | 0 |
| 07:00 | 9% | 8% | 2 | 2 | 3 |
| 08:00 | 9% | 8% | 2 | 2 | 3 |
| 09:00 | 9% | 8% | 2 | 2 | 3 |
| 10:00 | 9% | 8% | 2 | 2 | 3 |
| 11:00 | 9% | 8% | 2 | 2 | 3 |
| 12:00 | 9% | 8% | 2 | 2 | 3 |
| 13:00 | 9% | 8% | 2 | 2 | 3 |
| 14:00 | 9% | 8% | 2 | 2 | 3 |
| 15:00 | 9% | 8% | 2 | 2 | 3 |
| 16:00 | 9% | 8% | 2 | 2 | 3 |
| 17:00 | 9% | 8% | 2 | 2 | 3 |
| 18:00 | 0% | 8% | 0 | 2 | 2 |
| 19:00 | 0% | 0% | 0 | 0 | 0 |
| 20:00 | 0% | 0% | 0 | 0 | 0 |
| 21:00 | 0% | 0% | 0 | 0 | 0 |
| | 100% | 100% | 18 | 18 | 36 |

3.1.10 Based upon the information in **Table 14** to **Table 16** above, **Table 17** below then shows the combined daily arrival and departure profile for all construction vehicles.

3.1.11 As can be shown around 3 two-way trips per hour will be generated across the entire corridor.

Table 17: HGV, LGV and Minibus Daily Arrival and Departure Profile

| Hour Beginning | % of daily inbound | % of daily outbound | Arrivals | Departures | Two Way |
|----------------|--------------------|---------------------|----------|------------|---------|
| 06:00 | 0% | 0% | 0 | 0 | 0 |
| 07:00 | 9% | 8% | 25 | 23 | 48 |
| 08:00 | 9% | 8% | 25 | 23 | 48 |
| 09:00 | 9% | 8% | 25 | 23 | 48 |
| 10:00 | 9% | 8% | 25 | 23 | 48 |
| 11:00 | 9% | 8% | 25 | 23 | 48 |
| 12:00 | 9% | 8% | 25 | 23 | 48 |
| 13:00 | 9% | 8% | 25 | 23 | 48 |
| 14:00 | 9% | 8% | 25 | 23 | 48 |
| 15:00 | 9% | 8% | 25 | 23 | 48 |
| 16:00 | 9% | 8% | 25 | 23 | 48 |
| 17:00 | 9% | 8% | 25 | 23 | 48 |
| 18:00 | 0% | 8% | 0 | 23 | 23 |
| 19:00 | 0% | 0% | 0 | 0 | 0 |
| 20:00 | 0% | 0% | 0 | 0 | 0 |
| 21:00 | 0% | 0% | 0 | 0 | 0 |
| | 100% | 100% | 278 | 278 | 555 |

3.1.12 Based upon the worker profile from **Table 3** and the construction traffic profile from **Table 17**, **Table 18** then shows the combined construction vehicle daily arrival and departure profile alongside that of the workers, as stated above workers are due to travel between 0600-0700 and 1900-2000 as such they are likely to have a limited impact on the network.

3.1.13 The construction vehicles are predicted to generate around 48 two way trips per hour across the majority of the working day.

Table 18: Combined Worker and Construction Vehicle Arrival and Departure Profile

| Hour Beginning | Arrivals | Departures | Two Way |
|----------------|----------|------------|---------|
| 06:00 | 743 | 0 | 743 |
| 07:00 | 25 | 23 | 48 |
| 08:00 | 25 | 23 | 48 |
| 09:00 | 25 | 23 | 48 |
| 10:00 | 25 | 23 | 48 |
| 11:00 | 25 | 23 | 48 |
| 12:00 | 25 | 23 | 48 |
| 13:00 | 25 | 23 | 48 |
| 14:00 | 25 | 23 | 48 |
| 15:00 | 25 | 23 | 48 |
| 16:00 | 25 | 23 | 48 |
| 17:00 | 25 | 23 | 48 |
| 18:00 | 0 | 23 | 23 |
| 19:00 | 0 | 743 | 743 |
| 20:00 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 |
| | 1018 | 1018 | 2036 |

4 Pipeline Delivery Traffic Profile

- 4.1.1 This section provides detail in relation to the traffic profile associated with the pipeline delivery prior to the commencement of any construction activities.
- 4.1.2 As noted in the Traffic and Transport Chapter (reference paragraph 12.7.3) 6 trucks will operate 4 journeys per day which equates to 48 daily two-way trips.
- 4.1.3 **Table 19** below shows the daily arrival and departure profile across the working day. As can be seen a maximum of 4 trips will be generated in any single hour. It is also assumed that each pipe dump will be worked on individually before moving onto the next one once capacity has been reached.

Table 19: Pipeline Delivery Daily Arrival and Departures

| Hour Beginning | % of daily inbound | % of daily outbound | Arrivals | Departures | Two Way |
|----------------|--------------------|---------------------|----------|------------|---------|
| 06:00 | 0% | 0% | 0 | 0 | 0 |
| 07:00 | 9% | 8% | 2 | 2 | 4 |
| 08:00 | 9% | 8% | 2 | 2 | 4 |
| 09:00 | 9% | 8% | 2 | 2 | 4 |
| 10:00 | 9% | 8% | 2 | 2 | 4 |
| 11:00 | 9% | 8% | 2 | 2 | 4 |
| 12:00 | 9% | 8% | 2 | 2 | 4 |
| 13:00 | 9% | 8% | 2 | 2 | 4 |
| 14:00 | 9% | 8% | 2 | 2 | 4 |
| 15:00 | 9% | 8% | 2 | 2 | 4 |
| 16:00 | 9% | 8% | 2 | 2 | 4 |
| 17:00 | 9% | 8% | 2 | 2 | 4 |
| 18:00 | 0% | 8% | 0 | 2 | 2 |
| 19:00 | 0% | 0% | 0 | 0 | 0 |
| 20:00 | 0% | 0% | 0 | 0 | 0 |
| 21:00 | 0% | 0% | 0 | 0 | 0 |
| | 100% | 100% | 24 | 24 | 48 |

