

National Grid
Cable Tunnel Replacement
Project

Environmental Statement
Volume VI
Appendix 18.5 Construction
Worker Trip Distribution
(Gravesend)

December 2023



Quality information

Prepared by		Checked by		Verified by		Approved by
CB – Principal Consultant (Traffic and Transport)		MW – Associate Technical Director (Traffic and Transport)		AP – Transportation Technical Director		HT – Principal EIA Consultant

Prepared for:

National Grid Electricity Transmission

Prepared by:

AECOM Limited
Aldgate Tower, 2 Leman Street
London, E1 8FA
United Kingdom

T: +44 20 7061 7000
aecom.com

© 2023 AECOM Limited. All Rights Reserved.

This document has been prepared by AECOM Limited ("AECOM") for sole use of our client (the "Client") in accordance with generally accepted consultancy principles, the budget for fees and the terms of reference agreed between AECOM and the Client. Any information provided by third parties and referred to herein has not been checked or verified by AECOM, unless otherwise expressly stated in the document. No third party may rely upon this document without the prior and express written agreement of AECOM.

Table of Contents

1	Construction Worker Trip Distribution	1
---	---	---

Tables

Table 1: Construction Worker Trip Distribution	1
--	---

1 Construction Worker Trip Distribution

Table 1: Construction Worker Trip Distribution

Construction Worker Trip Distribution

TS060 - Industry

ONS Crown Copyright Reserved [from Nomis on 22 August 2023]

Population: All usual residents aged 16 years and over in
employment the week before the census

Units: Persons

Date:2021

Wider Area	Area	F: Construction	Journey Time (mins)	Factored	East	West	Local	East	West	Local	Total
Gravesham	msoa2021:E02005055 : Gravesham 001	509	10	51			100%	0	0	51	51
Gravesham	msoa2021:E02005056 : Gravesham 002	566	5	113			100%	0	0	113	113
Gravesham	msoa2021:E02005057 : Gravesham 003	724	5	145			100%	0	0	145	145
Gravesham	msoa2021:E02005058 : Gravesham 004	480	10	48			100%	0	0	48	48
Gravesham	msoa2021:E02005059 : Gravesham 005	619	5	124			100%	0	0	124	124
Gravesham	msoa2021:E02005060 : Gravesham 006	595	10	60			100%	0	0	60	60
Gravesham	msoa2021:E02005061 : Gravesham 007	442	10	44			100%	0	0	44	44
Gravesham	msoa2021:E02005062 : Gravesham 008	458	10	46			100%	0	0	46	46
Gravesham	msoa2021:E02005063 : Gravesham 009	482	10	48			100%	0	0	48	48
Gravesham	msoa2021:E02005064 : Gravesham 010	442	10	44	25%	25%	50%	11	11	22	44
Gravesham	msoa2021:E02005065 : Gravesham 011	506	10	51			100%	0	0	51	51
Gravesham	msoa2021:E02005066 : Gravesham 012	516	15	34		100%		0	34	0	34
Gravesham	msoa2021:E02005067 : Gravesham 013	464	20	23	50%	50%		12	12	0	23
London	ladu2023:Barking and Dagenham	12,900	45	287		100%		0	287	0	287
London	ladu2023:Bexley	13,931	25	557		100%		0	557	0	557

Wider Area	Area	F: Construction	Journey Time (mins)	Factored	East	West	Local	East	West	Local	Total
London	ladu2023:Bromley	14,372	40	359		100%		0	359	0	359
London	ladu2023:Croydon	16,324	60	272		100%		0	272	0	272
London	ladu2023:Greenwich	11,411	40	285		100%		0	285	0	285
London	ladu2023:Hackney	5,260	60	88		100%		0	88	0	88
London	ladu2023:Havering	16,713	40	418		100%		0	418	0	418
London	ladu2023:Lewisham	9,286	50	186		100%		0	186	0	186
London	ladu2023:Newham	17,369	60	289		100%		0	289	0	289
London	ladu2023:Redbridge	15,238	60	254		100%		0	254	0	254
London	ladu2023:Southwark	7,129	60	119		100%		0	119	0	119
London	ladu2023:Sutton	10,899	60	182		100%		0	182	0	182
London	ladu2023:Tower Hamlets	4,906	60	82		100%		0	82	0	82
East	ladu2023:Basildon	11,277	40	282		100%		0	282	0	282
East	ladu2023:Brentwood	4,373	40	109		100%		0	109	0	109
East	ladu2023:Castle Point	5,927	45	132		100%		0	132	0	132
East	ladu2023:Chelmsford	9,214	55	168		100%		0	168	0	168
East	ladu2023:Epping Forest	8,364	60	139		100%		0	139	0	139
East	ladu2023:Rochford	5,010	60	84		100%		0	84	0	84
East	ladu2023:Southend-on-Sea	7,621	60	127		100%		0	127	0	127
East	ladu2023:Thurrock	10,722	35	306		100%		0	306	0	306
South East	ladu2023:Ashford	6,985	60	116	100%			116	0	0	116
South East	ladu2023:Canterbury	6,011	50	120	100%			120	0	0	120
South East	ladu2023:Crawley	4,552	60	76		100%		0	76	0	76
South East	ladu2023:Dartford	7,002	25	280		100%		0	280	0	280
South East	ladu2023:Epsom and Ewell	3,479	60	58		100%		0	58	0	58
South East	ladu2023:Folkestone and Hythe	5,226	60	87	100%			87	0	0	87
South East	ladu2023:Gravesham	6,803	-	-	-	-	-	-	-	-	0
South East	ladu2023:Maidstone	10,442	30	348	100%			348	0	0	348
South East	ladu2023:Medway	16,803	25	672	100%			672	0	0	672

Wider Area	Area	F: Construction	Journey Time (mins)	Factored	East	West	Local	East	West	Local	Total
South East	ladu2023:Mid Sussex	6,649	60	111		100%		0	111	0	111
South East	ladu2023:Mole Valley	4,060	60	68		100%		0	68	0	68
South East	ladu2023:Reigate and Banstead	7,055	60	118		100%		0	118	0	118
South East	ladu2023:Rother	4,306	60	72	50%	50%		36	36	0	72
South East	ladu2023:Sevenoaks	6,115	40	153		100%		0	153	0	153
South East	ladu2023:Swale	8,499	45	189	100%			189	0	0	189
South East	ladu2023:Tandridge	4,793	45	107		100%		0	107	0	107
South East	ladu2023:Tonbridge and Malling	7,123	35	204	100%			204	0	0	204
South East	ladu2023:Tunbridge Wells	4,611	55	84	50%	50%		42	42	0	84
South East	ladu2023:Wealden	8,664	60	144		100%		0	144	0	144
Total	-	347,424	2,075	8,561	-	-	-	1,837	5,973	751	8,561
In order to protect against disclosure of personal information, records have been swapped between different geographic areas and counts perturbed by small amounts. Small counts at the lowest geographies will be most affected.								21%	70%	9%	100%
								24%	76%		

