

# Yorkshire GREEN Project

Environmental Impact Assessment

Preliminary Environmental Information Report  
Volume three Appendix 12C Traffic modelling  
data tables

October 2021

nationalgrid

# Appendix 12c

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## Table 12C.1 OHL Total Traffic Generation Prediction

LSTC PREDICTIONS (Taken from PDF)		Duration		Task Personnel	Qty	Estimated Daily Vehicle Movements					Total Vehicle Movements	Estimated/Number of Deliveries and Driven Machinery/Plant (access and Egress)										Total Vehicle Movements	TAB				
		Estimated Days/Item	Length/Day	Estimated Teams	Estimated Duration (Days)	4x4/Pick Up	Crew Bus	Welfare Van	Vehicle Maintenance Van	Fule Tanker		Security Vehicle	Grab Wagon	Tipper (20t)	Low Loader	Concrete Mixer Truck	HIAB Wagon	Tarmac Tipper	Skip Wagon	Utility Vehicle	Small Crane			Medium Crane	Large Crane	Road Sweeper	
<b>Pre Construction Works</b>																											
Pre Site Survey	Site Prep and Survey	1		1	57.5	2					115														0	OHL Pre Construction	
Ground Investigation	GI and Reinstatement	0.5		1	100	2	2	2			600		200	200											400		
Construction Compound	Install Compound, Gates, Fencing	77		1	300	4	4	4			3600	225	4118	320	16		480	16	8				8		5191		
<b>Access and Tower Works</b>																											
Bellmouths	Install Bellmouths, Blacktop, Gates, Fences	12		1	1368	2	2	2			8208	228	3694	3648	228	228	456						228		8710	Access Arrangements	
Stones Access Roads	Install Stone Access Tracks, Gates, Fences		55	1	561	2	2	2			3366	40	9996	640	40		160						40		10916	On Site Roads	
Interlocking Panels	Install Interlocking Panels		100	1	321	2					642				2140										2140		
Bridge Crossings	Prepare Site, Assemble and Install Bridge	15		1	150	2	2	2			900	20		120	20	20									180	Bridge + Culverts	
Culvert Crossings	Prepare Site, Excavate Ground, Install Culvert	7.5		1	225	2	2	2			1350			360	60										420		
Tower Working Areas	Prepare Site, Install Stone, Crane Pads Gates, Fences	7		1	329	2	2	2			1974	130	8798	1820	130										10878	Tower Working Area	
Tower Foundation	Tension Tower	10		1	260	2	2	2			1560			520	312	52									884	Tower Foundation and Erection and Temp Tower Foundation and Erection	
	Suspension Tower	7		1	126	2	2	2			756			216	216	36									468		
Steelwork Deliver, Assembly and Tower Erection	Tension Tower	13		1	338	2	2	2			2028			388	52			52		52					544		
	Suspension Tower	9		1	162	2	2	2			972			108	36			36		36					216		
Underground Cables Installation	Prepare Site, Install UGC + Reinstate 400kv	12		1	12	2	2	2			72	2		40	114				2						158	UG Cable	
	Prepare Site, HDD, Install UGC + Reinstate - 275kv	14		1	14	2	2	2			84	2		36	56				2						96		
Scaffold Construction	Assemble Scaffolding, Install Netting	10		1	420	2	2	2			2520				168										168	Scaffolding	
Pilot Installation	Hanging Blocks, Pulling Pilots + Posistion Drums	3		1	63	4	4	4			756			236	84										320	Conductoring	
Conductor and Earthwire Stringing	Position Machinery, Conductor + EW Stringing	5		1	210	4	4	4			2520			1873	84										1957		
Sagging	Pull Conductor to Sag	2		1	90	2	2	2			540			720	90										810	Other Tower Works	
Clamping In	Attach Conductors	0.5		1	52	2	2	2			312			412	206										618		
Attached Jumpers	Attach Dead-ends and Jumpers	0.5		1	23	2	2	2			138			184	92										276		
Conductor Spacers	Install New or Remove Existing Spacers	2		1	42	2	2	2			252			252	84										336		
Tower Dismanteling	Tower Foundation Removal	5		1	160	2	2	2			960	64		768	64		456			64					1416		
	Removal of Conductor	6		1	36	2	2	2			216			240	24		114			24					402		
<b>Reinstatement Works</b>																											
Reinstatement of Construction Areas	Compounds, Gates + Fencing	25		1	100	4	4	4			1200	100	4118	320	40		80	16	8						4682		
	Bellmouths, Gates + Fencing	6		1	684	2	2	2			4104	228	3694	912	228	228									5290		
	Stone Access Tracks, Fencing + Gates		100	1	309	2	2	2			1854	40	9996	320	40										10396		
	Interlocking Penels, Gates + Fencing		100	1	321	2					642				2140										2140		
	Bridges	7.5		1	75	2	2	2			450	20		120	20										160		
	Culverts	4		1	120	2	2	2			720			240	60										300		
	Stone Working Areas + Crane Pads	4		1	172	2	2	2			1032	130	8798	1040	130										10098		
	Removal of Scaffolds, netting, Backstays	10		1	420	2	2	2			2520				168										168	Scaffolding	

## Table 12C.2 Substation and CSEC Total Traffic Generation Prediction

Activity/Duration					Overall Activity Vehicle Movements													Week	Weeks	HGV	LGV
Stage of Work	Activity	Duration (Weeks)	Duration (Days)	Daily Personnel Numbers	4x4 / pick-up	Welfare Van	Fuel Tanker	Tractor - Trailer	Low Loader	Tipper (20T)	Excavator	Concrete Mixer Truck	Small Crane (50T)	Others	Total	HGVs	LGVs				
<b>Civil Enabling Works</b>																					
Construct bellmouth	Vegetation Clearance	1	1	10	50	10	4	4			2				120	60	60	Week 1-5	5	12	12
	Topsoil Strip and Excavate to formation		1						4												
	Excavate for drainage and install pipework		1						2												
	Install Geotextile		1																		
	Spread and Compact Stone		1								10										
	Apply and compact first 5m of blacktop		1																		
Install gates and fencing	1			2																	
Construct Haul Road	Vegetation clearance	1	1	10	50	10	4	4							330	270	60	Week 1-5	6	45	10
	Topsoil Strip and Excavate to formation		1																		
	Excavate for drainage and install pipework		1						14												
	Install Geotextile		1						232												
	Spread and Compact Stone		1								10										
	Install Fencing		1																		
Road Sweeper	1			4			2														
Establish temporary compound	Vegetation clearance	4	2	20	400	40	16	24			6				1588	1148	440	Week 1-8	8	144	55
	Topsoil Strip and Excavate to formation								16												
	Excavate for drainage and install pipework								18			28									
	Install Geotextile										960										
	Spread and Compact Stone																				
	Install Fencing										10										
Install Cabins					44			2	24												
Establish Main Compound	Vegetation clearance	20	2	50	5000	200	80	96							12784	7584	5200	Week 5 - 26	22	345	236
	Topsoil Strip of remainder of Site																				
	Remove existing bunded material																				
	Excavation of attenuation pond lining of pond										16	6		10							
	Construction of filter drains around substation perimeter							98			52										
	Perimeter fence											48		36							
Install geogrid							7016			224											
Spread and compact stone																					
<b>Main Works (Civil)</b>																					
Foundation for Electrical Equipment	Setout Site	17 (overlaps by 2 months/9 weeks with above)	85	40	3400	170	68								4458	888	3570	Week 14 - 34	21	42	170
	Excavate Spoil																				
	Place formwork and Reinforcement										26	4									
	Pour Concrete												790								
Troughing		7	35	20	700	70	28							874	104	770	Week 27 - 34	8	13	96	
<b>Main Works (Electrical)</b>																					
Initial Electrical Erection	Overlaps by 3 months/13 weeks - with main Civil works above as per construction programme	4	20	15	600	40									682	42	640	Week 27 - 60	34	4	243
Mid Term Erection		9	45	33	2970	90			40				2	3150	90	3060					
Final Erection		13	65	34	4420	130			90					8	4558	8	4550				
Erection + Commission		9	45	18	1620	90									1710	0	1710				
Commission		26	130	6	1560	260							2	1822	2	1820	Week 53 - 87				
<b>Close-out / Demobilise</b>																					
Reinstate Compound Area		12	60	10	600	120	48								1790	1070	720	Week 88 - 100	13	82	55
Reinstate Roads	Reinstate temporary haul Road	2	10	10	250	50	20		10	964					632	332	300	Week 96 - 104	9	37	33
	Reinstate temporary bellmouth	2	10						4	232			4								
	Reinstate Drainage	1	5						2	32			2								
Landscaping		1	5	10	50	10	4	60		4	2			130	70	60	Week 101 - 104	4	18	15	

Activity/Duration				Overall Activity Vehicle Movements																	
Stage of Work	Activity	Duration (Weeks)	Duration (Days)	Daily Personnel Numbers	4x4 / pick-up	Welfare Van	Fuel Tanker	Tractor - Trailer	Low Loader	Tipper (20T)	Excavator	Concrete Mixer Truck	Small Crane (50T)	Others	Total	HGVs	LGVs	Week	Weeks	HGV	LGV
<b>Civil Enabling Works</b>																					
Construct bellmouth	Vegetation Clearance	1	1	10	50	10	4	4			2				120	60	60	Week 1-5	5	12	12
	Topsoil Strip and Excavate to formation		1						4												
	Excavate for drainage and install pipework		1						2												
	Install Geotextile		1																		
	Spread and Compact Stone		1							10											
	Apply and compact first 5m of blacktop		1																		
Install gates and fencing	1			2																	
Construct Haul Road	Vegetation clearance	1	1	10	50	10	4	4							654	594	60	Week 1-5	5	119	12
	Topsoil Strip and Excavate to formation		1																		
	Excavate for drainage and install pipework		1						14												
	Install Geotextile		1						556		10										
	Spread and Compact Stone		1																		
	Install Fencing		1							4		2									
Road Sweeper	1																				
Establish temporary compound	Vegetation clearance	4	2	20	400	40	16	24			6				1584	1144	440	Week 1-8	8	143	55
	Topsoil Strip and Excavate to formation		18						16												
	Excavate for drainage and install pipework		18						14		28										
	Install Geotextile		18						960												
	Spread and Compact Stone		18																		
	Install Fencing		18						10												
Install Cabins	18		44		2	24															
Establish Main Compound	Vegetation clearance	20	2	50	5000	200	80	96							12784	7584	5200	Week 5 - 26	22	345	236
	Topsoil Strip of remainder of Site		98																		
	Remove existing bunded material		98																		
	Excavation of attenuation pond lining of pond		98						16	6	10										
	Construction of filter drains around substation perimeter		98						52												
	Perimeter fence		98						48		36										
	Install geogrid		98						7016		224										
Spread and compact stone	98																				
<b>Main Works (civils)</b>																					
Foundation for Electrical Equipment	Setout Site	17	85	40	3400	170	68								4438	868	3570	Week 14 - 34	21	41	170
	Excavate Spoil																				
	Place formwork and Reinforcement								26	4											
	Pour Concrete										770										
Troughing		7	35	20	700	70	28		72					870	100	770	Week 31 - 39	9	11	86	
<b>Main Works (Electricals)</b>																					
Initial Electrical Erection	Overlaps by 3 months/13 weeks - with main Civil works above as per construction programme	4	20	15	600	40									682	42	640	Week 27 - 60	34	4	243
Mid Term Erection		9	45	33	2970	90			40					3150	90	3060					
Final Erection		13	65	34	4420	130			90				8	4558	8	4550					
Erection + Commission		9	45	18	1620	90								1710	0	1710	Week 53 - 87	34	0	104	
Commission		26	130	6	1560	260						2	1822	2	1820						
<b>Close-out / Demobilisation</b>																					
Reinstate Compound Area		12	60	10	600	120	48		10	964				48	1790	1070	720	Week 88 - 100	13	82	55
Reinstate Roads	Reinstate temporary haul Road	2	10	10	250	50	20		4	232				4	632	332	300	Week 96 - 104	9	37	33
	Reinstate temporary bellmouth	2	10						2	32		2									
	Reinstate Drainage	1	5						36												
Landscaping		1	5	10	50	10	4	60		4	2			130	70	60	Week 101 - 104	4	18	15	

Activity/Duration				Overall Activity Vehicle Movements																	
Stage of Work	Activity	Duration (Weeks)	Duration (Days)	Daily Personnel Numbers	4x4 / pick-up	Welfare Van	Fuel Tanker	Tractor - Trailer	Low Loader	Tipper (20T)	Excavator	Concrete Mixer Truck	Small Crane (50T)	Others	Total	HGVs	LGVs	Week	Weeks	HGV	LGV
<b>Civil Enabling Works</b>																					
Construct bellmouth	Vegetation Clearance	1	1	10	50	10	4	4			2				120	60	60	Week 14 - 17	4	15	15
	Topsoil Strip and Excavate to formation		1						4												
	Excavate for drainage and install pipework		1						2												
	Install Geotextile		1																		
	Spread and Compact Stone		1							10											
	Apply and compact first 5m of blacktop		1																		
Install gates and fencing	1			2		32															
Construct Haul Road	Vegetation clearance	2	2	10	100	20	8	4							758	638	120	Week 14 - 17	4	160	30
	Topsoil Strip and Excavate to formation		2																		
	Excavate for drainage and install pipework		2						34												
	Install Geotextile		2						556		16										
	Spread and Compact Stone		2																		
	Install Fencing		2							18		2									
Road Sweeper	2																				
Establish temporary compound	Vegetation clearance	4	2	20	400	40	16	24							1566	1126	440	Week 14 - 21	8	141	55
	Topsoil Strip and Excavate to formation		18																		
	Excavate for drainage and install pipework		18						18		28										
	Install Geotextile		18						960												
	Spread and Compact Stone		18																		
	Install Fencing		18							10											
Install Cabins	18			44		2	24														
Establish Main Compound	Vegetation clearance	3	2	10	150	30	12	16							476	296	180	Week 18 - 26	9	33	20
	Topsoil Strip of remainder of Site		8									4									
	Remove existing bunded material		8																		
	Excavation of attenuation pond lining of pond		8																		
	Construction of filter drains around substation perimeter		8																		
	Perimeter fence		8							14		10									
Install geogrid	5					228		12													
Spread and compact stone	5																				
<b>Main Works (Civil)</b>																					
Foundation for Electrical Equipment	Setout Site	8	40	10	400	80	32								556	76	480	Week 22 - 34	13	6	37
	Excavate Spoil																				
	Place formwork and Reinforcement									2											
	Pour Concrete											42									
<b>Troughing</b>																					
Permanant Access Road	Vegetation Clearance	1	1	10	50	10	4	4						330	270	60	Week 31 - 34	4	68	15	
	Top Strip and excavate to formation		1																		
	Excavate for drainage		1																		
	Install Geotextile		2							232		14									
	Spread and Compact Stone		2																		
	Install Fencing		1																		
Road Sweeper	1			10		4		2													
<b>Main Works (Civil)</b>																					
Erection + Commission		2	10	3	60	20			20						100	20	80	Week 35 - 39	5	4	16
Reinstate Compound Area		12	60	10	600	120	240		10	964				48	1982	1262	720	Week 40 - 52	13	97	55
Reinstate Roads	Reinstate temporary haul Road	4	20	10	350	70	140		18	556				12	1236	816	420	Week 48 - 60	13	63	32
	Reinstate temporary bellmouth	2	10						2	32		2									
	Reinstate Drainage	1	5						54												
Landscaping		1	5	10	50	10	20	60		4	2			146	86	60	Week 57 - 60	4	22	15	

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Activity/Duration				Overall Activity Vehicle Movements																	
Stage of Work	Activity	Duration (Weeks)	Duration (Days)	Daily Personnel Numbers	4x4 / pick-up	Welfare Van	Fuel Tanker	Tractor - Trailer	Low Loader	Tipper (20T)	Excavator	Concrete Mixer Truck	Small Crane (50T)	Others	Total	HGVs	LGVs	Week	Weeks	HGV	LGV
<b>Civil Enabling Works</b>																					
Construct bellmouth	Vegetation Clearance	1	1	10	50	10	4	4			2				120	60	60	Week 14 - 17	4	15	15
	Topsoil Strip and Excavate to formation		1						4												
	Excavate for drainage and install pipework		1						2												
	Install Geotextile		1																		
	Spread and Compact Stone		1							10											
	Apply and compact first 5m of blacktop		1						32												
Install gates and fencing	1			2																	
Construct bellmouth	Vegetation clearance	2	2	10	100	20	8	4							568	448	120	Week 14 - 17	4	112	30
	Topsoil Strip and Excavate to formation		2																		
	Excavate for drainage and install pipework		2						24												
	Install Geotextile		2						382												
	Spread and Compact Stone		2							16											
	Install Fencing		2																		
Road Sweeper	2			12		2															
Establish temporary compound	Vegetation clearance	4	2	20	400	40	16	24							1568	1128	440	Week 14 - 21	8	141	55
	Topsoil Strip and Excavate to formation		18																		
	Excavate for drainage and install pipework		18						20												
	Install Geotextile		18						960												
	Spread and Compact Stone		18							28											
	Install Fencing		18							10											
Install Cabins	18			44		2	24														
Establish Main Compound	Vegetation clearance	3	2	10	150	30	12	16							562	382	180	Week 18 - 26	9	42	20
	Topsoil Strip of remainder of Site		8																		
	Remove existing bunded material		8																		
	Excavation of attenuation pond		8																		
	lining of pond		8							4											
	Construction of filter drains around substation perimeter		8																		
Perimeter fence	5			16		12															
Install geogrid	5					308			14												
Spread and compact stone	5																				
<b>Main Works (Civil)</b>																					
Foundation for Electrical Equipment	Setout Site	8	40	10	400	80	32								572	92	480	Week 22 - 34	13	7	37
	Excavate Spoil																				
	Place formwork and Reinforcement								2												
	Pour Concrete										58										
<b>Troughing</b>																					
<b>Main Works (Electrical)</b>																					
Erection + Commission		2	10	3	60	20			20						100	20	80	Week 35 - 39	5	4	16
<b>Close out/Demobilise</b>																					
Reinstate Compound Area		12	60	10	600	120	48		10	964				48	1790	1070	720	Week 40 - 52	13	82	55
Reinstate Roads	Reinstate temporary haul Road	4	20	10	350	70	28		12	382				12	936	516	420	Week 48 - 60	13	40	32
	Reinstate temporary bellmouth	2	10						2	32		2									
	Reinstate Drainage	1	5						46												
Landscaping		1	5	10	50	10	4	60		4	2			130	70	60	Week 57 - 60	4	18	15	

## Table 12C.3 OHL Preliminary Construction Programme



## **Table 12C.4 Substation and CSEC Preliminary Construction Programme**

Year	2021												2022												2023												2024												2025												2026												2027											
	Month	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec																										
Award through ACL																																																																																				
First Access through ACL																																																																																				
Terminal Float																																																																																				
First Site Access																																																																																				
ACL																																																																																				
Stage 1																																																																																				
<b>OVERTON 400kV / 275kV OVERALL CONSTRUCTION</b>																																																																																				
Overton Groundworks and site Civil works																																																																																				
Construct Bellmouth																																																																																				
Construct Haul Road																																																																																				
Establish Temporary Compound																																																																																				
Establish Main Compound (Civil Enabling Works)																																																																																				
Foundations for Electrical Equipment																																																																																				
Troughing/Ducting																																																																																				
Overton construct new Substation plant and stage 1 commission - Offline																																																																																				
Electrical Erection																																																																																				
Commission																																																																																				
Overton close-out / demobilise																																																																																				
Reinstate Temporary Compound																																																																																				
Reinstate Roads																																																																																				
Landscaping																																																																																				
<b>MONK FRYSTON 400kV / 275kV OVERALL CONSTRUCTION</b>																																																																																				
Monk Fryston Groundworks and site civil works																																																																																				
Construct Bellmouth																																																																																				
Construct Haul Road																																																																																				
Establish Temporary Compound																																																																																				
Establish Main Compound (Civil Enabling Works)																																																																																				
Foundations for Electrical Equipment																																																																																				
Troughing/Ducting																																																																																				
Monk Fryston construct new 400kV Substation plant except BC1 and stage 1 commission - Offline																																																																																				
Electrical Erection																																																																																				
Commission																																																																																				
Overton close-out / demobilise																																																																																				
Reinstate Temporary Compound																																																																																				
Reinstate Roads																																																																																				
Landscaping																																																																																				
<b>TADCASTER OVERALL CONSTRUCTION</b>																																																																																				
Tadcaster CSEC construction																																																																																				
Construct Bellmouth																																																																																				
Construct Haul Road																																																																																				
Establish Temporary Compound																																																																																				
Establish Main Compound (Civil Enabling Works)																																																																																				
Foundations for Electrical Equipment																																																																																				
Permanent Access Road																																																																																				
Electrical Erection and Commissioning																																																																																				
Tadcaster close-out / demobilise																																																																																				
Reinstate Temporary Compound																																																																																				
Reinstate Roads																																																																																				
Landscaping																																																																																				
<b>NORTON-OSBALDWICK OVERALL CONSTRUCTION</b>																																																																																				
Norton-Osbaldwick CSEC construction (Skipton)																																																																																				
Construct Bellmouth																																																																																				
Construct Haul Road																																																																																				
Establish Temporary Compound																																																																																				
Establish Main Compound (Civil Enabling Works)																																																																																				
Foundations for Electrical Equipment																																																																																				
Electrical Erection and Commissioning																																																																																				
Norton-Osbaldwick close-out / demobilise																																																																																				
Reinstate Temporary Compound																																																																																				
Reinstate Roads																																																																																				
Landscaping																																																																																				
Year	2021												2022												2023												2024												2025												2026												2027											
Month	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec																											
Stage 2																																																																																				
Install and commission Circuit Breaker XI05 at Osbaldwick																																																																																				
Outage on Eggborough 1 circuit to turn in to new Monk Fryston 400kV substation. Outage- Monk Fryston – Eggborough 1 400kv and SGT1																																																																																				
Norton-Osbaldwick 2 Outage to tee into Overton 55																																																																																				
Knaresborough-Poppleton outage to dismantle circuit to form new Overton-Poppleton 2 and Knaresborough-Monk Fryston-Overton 1 circuits (without the MONF leg as this will still be in service as Knaresborough-Monk Fryston).																																																																																				
Outage on Eggborough 2 circuit to turn in to new Monk Fryston 400kV substation. Outage- Monk Fryston – Eggborough 2 400kv, MC2, SGT2, 400kV BS2																																																																																				
Build Monk Fryston 400kV BS1. Busbar outages and one day outages on SGT1 and Eggborough circuit for commissioning Monk Fryston Bus Section 1.																																																																																				
Norton-Osbaldwick 1 Outage to tee into Overton 55																																																																																				
Monk-Fryston-Poppleton outage and Knaresborough-Monk Fryston outage to dismantle circuit and form new Overton-Poppleton 1 circuit and new Knaresborough – Monk Fryston – Overton 2 circuit																																																																																				
Knaresborough-Monk Fryston-Overton 1 outage to install KC481 jumpers and commission MONF leg																																																																																				
ACL																																																																																				
Monk Fryston SGT4A - install and stage 1 commission																																																																																				
Monk Fryston SGT4B - install and stage 1 commission																																																																																				
Monk Fryston SGT5A - install and stage 1 commission																																																																																				
Monk Fryston SGT5B - install and stage 1 commission																																																																																				
Overton SGT1A - install and stage 1 commission																																																																																				
Overton SGT1B - install and stage 1 commission																																																																																				
Overton SGT2A - install and stage 1 commission																																																																																				
Overton SGT2B - install and stage 1 commission																																																																																				

Preliminary Draft

SGT4A delivered  
SGT4B delivered  
SGT5A delivered  
SGT5B delivered  
SGT1A delivered  
SGT1B delivered  
SGT2A delivered  
SGT2B delivered

## **Table 12C.5**

### **Stone/interlocking panel access track length estimates**

Lengths Per Access	Towers	Other	Stone	Trackway	Stone	Trackway	Stone	Trackway	Stone	Trackway	HGV	LV
					%	%	Trips	Trips	Trips	Trips		
1	4Y5028	N/A	0	0								
2	4Y5029, 4Y5030, 4Y5031, XC526-28	Monk Fryston TCC (East) and Substation, 4Y5030/31 (Gantry)	797	0	3%	0%	263	0	81	0	263	81
4	XC525T, 4Z201A	MF R, MF L, MF R-T, MF R-L (Gantry)	0	277	0%	1%	0	18	0	5	18	5
6	XC522-25, XC522T-524T	Monk Fryston TCC (West)	610	15	2%	0%	201	1	62	0	202	62
9	XC522-25, XC522T-524T	N/A	610	0	2%	0%	201	0	62	0	201	62
10	XC521	N/A	372		1%	0%	123	0	38	0	123	38
11	XC520	N/A		1457	0%	5%	0	96	0	29	96	29
12	XC519	N/A		161	0%	1%	0	11	0	3	11	3
13	XC517-518	N/A	1282	300	4%	1%	424	20	131	6	443	137
14	XC516	N/A		57	0%	0%	0	4	0	1	4	1
15	N/A	N/A			0%	0%	0	0	0	0	0	0
16	XC515	N/A		318	0%	1%	0	21	0	6	21	6
17	XC514	N/A			0%	0%	0	0	0	0	0	0
18	N/A	N/A			0%	0%	0	0	0	0	0	0
19	XC513	N/A		190	0%	1%	0	12	0	4	12	4
20	XC510-512	N/A	484	1339	2%	4%	160	88	49	26	248	76
21	XC509	N/A		597	0%	2%	0	39	0	12	39	12
22	XC508	N/A		248	0%	1%	0	16	0	5	16	5
23	XC505-507	N/A	210	1183	1%	4%	69	78	21	23	147	45
24	XC503-504	N/A		687	0%	2%	0	45	0	14	45	14
25	XC501-502	N/A		311	0%	1%	0	20	0	6	20	6
26	N/A	N/A			0%	0%	0	0	0	0	0	0
27	XC499-500	N/A		986	0%	3%	0	65	0	19	65	19
28	XC498	N/A		166	0%	1%	0	11	0	3	11	3
29	N/A	N/A			0%	0%	0	0	0	0	0	0
30	XC491-497	N/A	356	2183	1%	7%	118	143	36	43	261	79
31	XC483-490	N/A	195	748	1%	2%	64	49	20	15	114	35
32	XC482	N/A		561	0%	2%	0	37	0	11	37	11
33	XD008	N/A			0%	0%	0	0	0	0	0	0
34	XD006-007	N/A			0%	0%	0	0	0	0	0	0
36	XD004-XD005	N/A			0%	0%	0	0	0	0	0	0
37	XD002-XD003	N/A		477	0%	1%	0	31	0	9	31	9
38	XD002T	N/A	67		0%	0%	22	0	7	0	22	7
39	XD001, XD001T	Xc/XD Duck-Under TCC, SEC, UG Cable	72		0%	0%	24	0	7	0	24	7
40	XC481T	Xc/XD Duck-Under TCC	212		1%	0%	70	0	22	0	70	22
41	XC481	N/A	120		0%	0%	40	0	12	0	40	12
42	XC480	N/A		660	0%	2%	0	43	0	13	43	13
43	XC479-480	N/A		738	0%	2%	0	48	0	15	48	15
44	XC478	N/A		384	0%	1%	0	25	0	8	25	8
45	XC477	N/A		176	0%	1%	0	12	0	3	12	3
46	N/A	N/A			0%	0%	0	0	0	0	0	0
47	XC474-476	N/A	54	415	0%	1%	18	27	6	8	45	14
48	XC473	N/A	40	186	0%	1%	13	12	4	4	25	8
49	XC472	N/A		352	0%	1%	0	23	0	7	23	7
50	XC472	N/A		1502	0%	5%	0	99	0	30	99	30
51	XC470	N/A		314	0%	1%	0	21	0	6	21	6
52	XC469	N/A		101	0%	0%	0	7	0	2	7	2
53	XC471	N/A		789	0%	2%	0	52	0	16	52	16
54	N/A	N/A			0%	0%	0	0	0	0	0	0
55	XC468	N/A		262	0%	1%	0	17	0	5	17	5
56	XC466-467	N/A		1115	0%	3%	0	73	0	22	73	22
57	XC465	N/A		1000	0%	3%	0	66	0	20	66	20
58	XC463-464	N/A		662	0%	2%	0	43	0	13	43	13
59	XC460-462	N/A	764	529	3%	2%	252	35	78	10	287	88
60	XC456-459	N/A	257	1732	1%	5%	85	114	26	34	199	60
61	XC453-455	N/A	334	928	1%	3%	110	61	34	18	171	52
62	XC452	N/A		428	0%	1%	0	28	0	8	28	8
63	XC451	N/A	204	186	1%	1%	67	12	21	4	80	24
64	XC449-450	N/A		642	0%	2%	0	42	0	13	42	13
65	XC447-448	N/A		219	0%	1%	0	14	0	4	14	4
66	XC447	N/A		857	0%	3%	0	56	0	17	56	17
67	XC446	N/A	187		1%	0%	62	0	19	0	62	19
68	XC442-445	N/A		988	0%	3%	0	65	0	19	65	19
69	XC439-441	N/A		1091	0%	3%	0	72	0	21	72	21
70	XC438	N/A	90		0%	0%	30	0	9	0	30	9
71	XC437	N/A			0%	0%	0	0	0	0	0	0
72	XC436	N/A		634	0%	2%	0	42	0	12	42	12
73	N/A	N/A			0%	0%	0	0	0	0	0	0
74	XC435	N/A	336	378	1%	1%	111	25	34	7	136	42
75	XC433-34	N/A		702	0%	2%	0	46	0	14	46	14
76	XC432	N/A		172	0%	1%	0	11	0	3	11	3
77	N/A	N/A			0%	0%	0	0	0	0	0	0
78	XC431	N/A		286	0%	1%	0	19	0	6	19	6
79	XC429T-430, XC4X8T-9T, XC429, XCP001-XCP002, XCP002T	N/A	1522		5%	0%	503	0	155	0	503	155
80	XC4X8T-9T, XC429, XCP002	N/A			0%	0%	0	0	0	0	0	0
81	XCP001T-XCP004T, XCP001-04	N/A	2408	11	8%	0%	796	1	245	0	796	246
82	XCP005-8 (+ Temp), XCP005T-8T	N/A	3338	628	12%	2%	1103	41	340	12	1144	352
83	XCP008T	N/A	1725	40	6%	0%	570	3	176	1	573	177
84	XCP009-11	N/A	2365	24	8%	0%	781	2	241	0	783	241
86	XCP012	N/A	143		0%	0%	47	0	15	0	47	15
87	XCP009T-XCP010T	N/A	490		2%	0%	162	0	50	0	162	50
88	XCP011T	N/A	72		2%	0%	24	0	7	0	24	7
89	XCP012T	N/A	526		2%	0%	174	0	54	0	174	54
90	XCP013T	N/A	286		1%	0%	95	0	29	0	95	29
91	TBC8-9	N/A	308	189	0%	1%	0	12	0	4	12	4
92	TBC6-7	N/A	516		1%	0%	102	0	31	0	102	31
93	TBC5	N/A			2%	0%	171	0	53	0	171	53
95	CP013-15 TBC1-TBC4, YN008-YN001	New Overton Substation + TCC	1446	145	5%	0%	478	10	147	3	487	150
96	YN007	N/A	330	36	1%	0%	109	2	34	1	111	34
97	YN003-6	N/A	2235	42	8%	0%	739	3	228	1	741	229
100	YN002	2TW/YR Duck Under Compound (South)	519	96	2%	0%	172	6	53	2	178	55
102	2TW168-169	N/A	414		1%	0%	137	0	42	0	137	42
104	YR39T-40T, 40, YN001	2TW/YR Duck Under Compound (North)	141		0%	0%	47	0	14	0	47	14
105	YR39T-40T, 40, 38, 38T and 39	2TW/YR Duck Under Compound (South)	2096	63	7%	0%	693	4	214	1	697	215
106	YR37	N/A	0		0%	0%	0	0	0	0	0	0
107	YR36	N/A	97		0%	0%	32	0	10	0	32	10
108	YR35	N/A			0%	0%	0	0	0	0	0	0
109	YR33-34	N/A			0%	0%	0	0	0	0	0	0
110	YR31-32	N/A			0%	0%	0	0	0	0	0	0
111	YR002	N/A			0%	0%	0	0	0	0	0	0
112	YR001A and B and T	Substation	70		0%	0%	23	0	7	0	23	7

## **Table 12C.6**

### **Bridge and Culvert Accesses and Traffic Predictions**

High Level Identification of Water Crossings			Total Culverts		Total Bridges		Total	
Access	Bridge	Culvert	HGV	LV	HGV	LV	HGV	LV
2		2	28	90	0	0	28	90
13	1	1	14	45	18	90	32	135
23		1	14	45	0	0	14	45
24		1	14	45	0	0	14	45
29	1		0	0	18	90	18	90
30		4	56	180	0	0	56	180
31		2	28	90	0	0	28	90
36		1	14	45	0	0	14	45
49	2		0	0	36	180	36	180
50	1		0	0	18	90	18	<u>90</u>
55		1	14	45	0	0	14	<u>45</u>
56		3	42	135	0	0	42	135
57		1	14	45	0	0	14	45
58		1	14	45	0	0	14	45
60		1	14	45	0	0	14	45
61	1	1	14	45	18	90	32	135
68	1	1	14	45	18	90	32	135
69		1	14	45	0	0	14	45
70	1		0	0	18	90	18	90
74		1	14	45	0	0	14	45
79		2	28	90	0	0	28	90
81		2	28	90	0	0	28	90
91	1		0	0	18	90	18	90
105		1	14	45	0	0	14	45
109	1	1	14	45	18	90	32	135
110		1	14	45	0	0	14	45

## **Table 12C.7 Pylon Working Areas Accesses and Traffic Predictions**

## Tower Working Areas Per Access

Access	Work Areas	HGV	LV	Access	Work Areas	HGV	LV	Access	Work Areas	HGV	LV
1	1	59	11	42	1	59	11	79	4	235	43
2	2	118	21	43	1	59	11	80	1	59	11
4	2	118	21	44	1	59	11	81	7	412	75
9	10	588	107	45	1	59	11	82	13	764	139
10	1	59	11	47	3	176	32	83	1	59	11
11	1	59	11	48	1	59	11	84	3	176	32
12	1	59	11	50	1	59	11	86	1	59	11
13	2	118	21	51	1	59	11	87	2	118	21
14	1	59	11	52	1	59	11	88	1	59	11
16	1	59	11	53	1	59	11	89	1	59	11
17	1	59	11	55	1	59	11	90	1	59	11
19	1	59	11	56	2	118	21	91	2	118	21
20	3	176	32	57	1	59	11	92	2	118	21
21	1	59	11	58	2	118	21	93	1	59	11
22	1	59	11	59	3	176	32	94	1	59	11
23	3	176	32	60	4	235	43	95	3	176	32
24	2	118	21	61	3	176	32	96	1	59	11
25	2	118	21	62	1	59	11	97	4	235	43
27	2	118	21	63	1	59	11	100	1	59	11
28	1	59	11	64	2	118	21	102	2	118	21
30	7	412	75	65	2	118	21	104	2	118	21
31	8	470	85	67	1	59	11	105	5	294	53
32	1	59	11	68	4	235	43	106	1	59	11
33	1	59	11	69	3	176	32	107	1	59	11
34	2	118	21	70	1	59	11	108	1	59	11
36	2	118	21	71	1	59	11	109	2	118	21
37	2	118	21	72	1	59	11	110	2	118	21
38	1	59	11	74	1	59	11	111	1	59	11
39	2	118	21	75	2	118	21	112	1	59	11
40	1	59	11	76	1	59	11				
41	1	59	11	78	1	59	11				

## Table 12C.8 Pylon Foundation Accesses and Traffic Predictions

## Tower Foundations and Erection

### Forundation

Access	Tower Number	New Build?	Amount	kV	Sus/Tension	Week	Week	HGV	LV
2	XC526	New Build	1	275	T	Week 44 - 56	Week 75 - 86	35	62
9	XC522	New Build	1	275	T	Week 44 - 56	Week 75 - 86	35	62
9	XC523	New Build	1	275	T	Week 44 - 56	Week 75 - 86	35	62
9	XC524	New Build	1	275	T	Week 44 - 56	Week 75 - 86	35	62
9	XC525	New Build	1	275	S	Week 44 - 56	Week 75 - 86	22	36
39	XD001	New Build	1	275	S	Week 5 - 8	Week 18 - 25	22	36
79	XC429	New Build	1	275	T	Week 9 - 17	Week 31 - 38	35	62
79	XCP001	New Build	1	275	S	Week 9 - 17	Week 31 - 38	22	36
81	XCP002	New Build	1	275	S	Week 9 - 17	Week 31 - 38	22	36
81	XCP003	New Build	1	275	S	Week 9 - 17	Week 31 - 38	22	36
81	XCP004	New Build	1	275	T	Week 18 - 27	Week 31 - 38	35	62
82	XCP005	New Build	1	275	S	Week 18 - 27	Week 31 - 38	22	36
82	XCP006	New Build	1	275	S	Week 18 - 27	Week 31 - 38	22	36
82	XCP007	New Build	1	275	T	Week 18 - 27	Week 31 - 38	35	62
82	XCP008	New Build	1	275	S	Week 18 - 27	Week 31 - 39	22	36
84	XCP009	New Build	1	275	S	Week 9 - 17	Week 22 - 34	22	36
84	XCP010	New Build	1	275	T	Week 9 - 17	Week 22 - 34	35	62
84	XCP011	New Build	1	275	S	Week 9 - 17	Week 22 - 34	22	36
86	XCP012	New Build	1	275	S	Week 9 - 17	Week 22 - 34	22	36
92	TBC-6	New Build	1	275	T	Week 10 - 23	Week 18 - 35	35	62
93	TBC-5	New Build	1	275	T	Week 10 - 23	Week 18 - 35	35	62
95	YN008	New Build	1	400	T	Week 22 - 39	Week 35 - 37	35	62
95	TBC-3	New Build	1	275	T	Week 10 - 23	Week 18 - 35	35	62
95	TBC-4	New Build	1	275	T	Week 10 - 23	Week 18 - 35	35	62
95	XCP013	New Build	1	275	T	Week 9 - 17	Week 22 - 34	35	62
96	YN007	New Build	1	400	S	Week 22 - 39	Week 35 - 37	22	36
97	YN003	New Build	1	400	T	Week 22 - 39	Week 35 - 37	35	62
97	YN004	New Build	1	400	S	Week 22 - 39	Week 35 - 37	22	36
97	YN005	New Build	1	400	S	Week 22 - 39	Week 35 - 37	22	36
97	YN006	New Build	1	400	S	Week 22 - 39	Week 35 - 37	22	36
100	YN002	New Build	1	400	S	Week 22 - 39	Week 35 - 37	22	36
105	YR040	New Build	1	400	T	Week 35 - 43	Week 52 - 73	35	62
105	YN001	New Build	1	400	T	Week 22 - 39	Week 35 - 37	35	62

## Tower Foundations and Erection

### Erection

Access	Tower Number	New Build?	Amount	kV	Sus/Tension	Week	Week	HGV	LV
2	XC526	New Build	1	275	T	Week 44 - 56	Week 75 - 86	22	81
9	XC522	New Build	1	275	T	Week 44 - 56	Week 75 - 86	22	81
9	XC523	New Build	1	275	T	Week 44 - 56	Week 75 - 86	22	81
9	XC524	New Build	1	275	T	Week 44 - 56	Week 75 - 86	22	81
9	XC525	New Build	1	275	S	Week 44 - 56	Week 75 - 86	10	46
39	XD001	New Build	1	275	S	Week 5 - 8	Week 18 - 25	10	46
79	XC429	New Build	1	275	T	Week 9 - 17	Week 31 - 38	22	81
79	XCP001	New Build	1	275	S	Week 9 - 17	Week 31 - 38	10	46
81	XCP002	New Build	1	275	S	Week 9 - 17	Week 31 - 38	10	46
81	XCP003	New Build	1	275	S	Week 9 - 17	Week 31 - 38	10	46
81	XCP004	New Build	1	275	T	Week 18 - 27	Week 31 - 38	22	81
82	XCP005	New Build	1	275	S	Week 18 - 27	Week 31 - 38	10	46
82	XCP006	New Build	1	275	S	Week 18 - 27	Week 31 - 38	10	46
82	XCP007	New Build	1	275	T	Week 18 - 27	Week 31 - 38	22	81
82	XCP008	New Build	1	275	S	Week 18 - 27	Week 31 - 39	10	46
84	XCP009	New Build	1	275	S	Week 9 - 17	Week 22 - 34	10	46
84	XCP010	New Build	1	275	T	Week 9 - 17	Week 22 - 34	22	81
84	XCP011	New Build	1	275	S	Week 9 - 17	Week 22 - 34	10	46
86	XCP012	New Build	1	275	S	Week 9 - 17	Week 22 - 34	10	46
92	TBC-6	New Build	1	275	T	Week 10 - 23	Week 18 - 35	22	81
93	TBC-5	New Build	1	275	T	Week 10 - 23	Week 18 - 35	22	81
95	YN008	New Build	1	400	T	Week 22 - 39	Week 35 - 37	22	81
95	TBC-3	New Build	1	275	T	Week 10 - 23	Week 18 - 35	22	81
95	TBC-4	New Build	1	275	T	Week 10 - 23	Week 18 - 35	22	81
95	XCP013	New Build	1	275	T	Week 9 - 17	Week 22 - 34	22	81
96	YN007	New Build	1	400	S	Week 22 - 39	Week 35 - 37	10	46
97	YN003	New Build	1	400	T	Week 22 - 39	Week 35 - 37	22	81
97	YN004	New Build	1	400	S	Week 22 - 39	Week 35 - 37	10	46
97	YN005	New Build	1	400	S	Week 22 - 39	Week 35 - 37	10	46
97	YN006	New Build	1	400	S	Week 22 - 39	Week 35 - 37	10	46
100	YN002	New Build	1	400	S	Week 22 - 39	Week 35 - 37	10	46
105	YR040	New Build	1	400	T	Week 35 - 43	Week 52 - 73	22	81
105	YN001	New Build	1	400	T	Week 22 - 39	Week 35 - 37	22	81

## **Table 12C.9** **Scaffolding Accesses and Traffic Predictions**

Scaffold Protection Areas							
Access	Scaffold Structures	Type	%	HGVs	LVs	Install Week	Removal Week
2	1	Road	1%	2	32	Week 117	Week 122
4	1	Road	1%	2	32	Week 117	Week 122
6	2	Road	3%	4	65	Week 117	Week 122
9	1	Road	1%	2	32	Week 90	Week 94
10	1	Road	1%	2	32	Week 90	Week 94
12	1	Road	1%	2	32	Week 26	Week 32
13	1	Road	1%	2	32	Week 26	Week 32
14	1	Road	1%	2	32	Week 26	Week 32
15	1	Road	1%	2	32	Week 26	Week 32
16	2	Road	3%	4	65	Week 26	Week 32
17	2	Road	3%	4	65	Week 26	Week 32
18	1	Road	1%	2	32	Week 26	Week 32
20	2	Rail	3%	4	65	Week 26	Week 32
21	1	Road	1%	2	32	Week 26	Week 32
22	1	Road	1%	2	32	Week 26	Week 32
23	1	Road	1%	2	32	Week 21	Week 32
24	1	Road	1%	2	32	Week 21	Week 32
25	1	Road	1%	2	32	Week 21	Week 32
26	1	Road	1%	2	32	Week 21	Week 32
28	1	Road	1%	2	32	Week 21	Week 32
29	1	Road	1%	2	32	Week 21	Week 32
32	1	Road	1%	2	32	Week 21	Week 27
41	2	Road	3%	4	65	Week 17	Week 22
42	1	Road	1%	2	32	Week 17	Week 22
38	1	Road	1%	2	32	Week 73	Week 78
40	1	Road	1%	2	32	Week 73	Week 78
34	1	Road	1%	2	32	Week 73	Week 78
36	1	Road	1%	2	32	Week 73	Week 78
45	1	Road	1%	2	32	Week 17	Week 22
46	1	Road	1%	2	32	Week 17	Week 22
48	1	Road	1%	2	32	Week 17	Week 22
49	1	Road	1%	2	32	Week 17	Week 22
50	1	Water	1%	2	32	Week 17	Week 22
53	1	Water	1%	2	32	Week 17	Week 22
52	1	Road	1%	2	32	Week 13	Week 18
54	1	Road	1%	2	32	Week 13	Week 18
57	1	Road	1%	2	32	Week 13	Week 18
59	1	Road	1%	2	32	Week 13	Week 18
63	1	Road	1%	2	32	Week 13	Week 18
64	1	Road	1%	2	32	Week 13	Week 18
66	1	Road	1%	2	32	Week 13	Week 18
67	1	Road	1%	2	32	Week 13	Week 18
74	1	Road	1%	2	32	Week 65	Week 74
75	1	Road	1%	2	32	Week 65	Week 74
77	1	Road	1%	2	32	Week 65	Week 74
78	1	Road	1%	2	32	Week 65	Week 74
81	4	Road	5%	9	129	Week 65	Week 74
82	1	Water	1%	2	32	Week 34	Week 40
83	1	Water	1%	2	32	Week 34	Week 40
87	3	Water/Road	4%	6	97	Week 34/32	Week 40/35
88	2	Road	3%	4	65	Week 32	Week 35
85	1	Road	1%	2	32	Week 30	Week 35
86	2	Road/Rail	3%	4	65	Week 30	Week 35
95	2	Road/Rail	3%	4	65	Week 30	Week 35
96	1	Road	1%	2	32	Week 73	Week 83
90	1	Rail	1%	2	32	Week 30	Week 35
92	1	Rail	1%	2	32	Week 30	Week 35
100	1	Road	1%	2	32	Week 73	Week 83
100	1	Road	1%	2	32	Week 73	Week 83
102	1	Road	1%	2	32	Week 80	Week 82
104	1	Road	1%	2	32	Week 80	Week 82
107	1	Road	1%	2	32	Week 77	Week 79
108	1	Road	1%	2	32	Week 77	Week 79
109	1	Road	1%	2	32	Week 77	Week 79
110	1	Road	1%	2	32	Week 77	Week 79

## **Table 12C.10**

### **Conductor Pulling Accesses and Traffic Prediction**

## Stringing Locations (Works for Pilot Installation and Conductor and Earthwire Stringing)

Access	Towers		Stringing	Assumed SPAN	Towers to Span	%	Per Week		Week
							HGV	LV	
2	XC526	New Build	1	XC526 - XC524	3	2%	45	64	Week 118 - 121
9	XC524	New Build	1	XC524 - XC523	1	1%	15	21	Week 91 - 93
9	XC523	New Build	1	XC523 - SC521	3	2%	45	64	Week 91 - 93
10	XC521	Modify	1	XC521 - XC517	5	3%	74	107	Week 27 - 31
13	XC517	Modify	1	XC517 - XC514	4	3%	60	86	Week 27 - 31
17	XC514	Modify	1	XC514 - XC511	4	3%	60	86	Week 27 - 31
20	XC511	Modify	1	XC511 - XC505	7	5%	104	150	Week 27 - 31
23	XC505	Modify	1	XC505 - XC494	12	8%	179	257	Week 22 - 31
30	XC494	Modify	1	XC494 - XC486	9	6%	134	193	Week 22 - 26
31	XC486	Modify	1	XC486 - XC481	6	4%	89	128	Week 22 - 26
41	XC481	Modify	1	XC481 - XC475	7	5%	104	150	Week 18 - 21
47	XC475	Modify	1	XC475 - XC473	3	2%	45	64	Week 18 - 21
48	XC473	Modify	1	XC473 - XC460	14	9%	208	300	Week 18 - 21
59	XC460	Modify	1	XC460 - XC451	10	7%	149	214	Week 14 - 17
63	XC451	Modify	1	XC451 - XC446	6	4%	89	128	Week 14 - 17
67	XC446	Modify	1	XC446 - XC438	9	6%	134	193	Week 14 - 17
70	XC438	Modify	1	XC438 - XC435	4	3%	60	86	Week 14 - 17
74	XC435	Modify	1	XC435 - XC429	7	5%	104	150	Week 66 - 73
79	XC429	New Build	1	XC429 - XCP004	5	3%	74	107	Week 66 - 73
81	XCP004	New Build	1	XCP004 - XCP007	4	3%	60	86	Week 35 - 39
82	XCP007	New Build	1	XCP007 - XCP010	4	3%	60	86	Week 35 - 39
84	XCP010	New Build	1	XCP010 - XCP013	4	3%	60	86	Week 31 - 34
95	XCP013	New Build	1	XCP013 - Overton Sub	1	1%	15	21	Week 31 - 34
92	TBC-7	Modify	1	TVB-7 - TBC-6	2	1%	30	43	Week 70 - 73
92	TBC-6	New Build	1	TB6 - TB4	3	2%	45	64	Week 27 - 30
95	TBC-4	New Build	1	TBC4 - TBC3	2	1%	30	43	Week 27 - 30
95	TBC-3	New Build	1	TBC3 - Overton Sub	3	2%	45	64	Week 27 - 30
95	YN008	New Build	1	YN008 - YN003	6	4%	89	128	Week 74 - 82
97	YN003	New Build	1	YN003 - YR40	3	2%	45	64	Week 74 - 82
102	2TW169	Modify	1	YR40 - 2TW169	2	1%	30	43	Week 81

## **Table 12C.11**

### **Other Pylon Works Accesses and Traffic Prediction**

Access	Totals				%				Sagging		Clamping In		Attached Jumpers	
	Spacers	Clamping In	Jumpers	Sagging	Spacers	Clamping In	Jumpers	Sagging	HGVs	LGV	HGVs	LGV	HGVs	LGV
2	5	0	2	2	3%	0%	4%	4%	36	24	0	0	12	6
9	4	1	5	5	2%	1%	11%	11%	90	60	6	3	30	15
10	1	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
11	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
12	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
13	2	1	1	1	1%	1%	2%	2%	18	12	6	3	6	3
14	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
16	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
17	1	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
19	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
20	3	2	1	1	2%	2%	2%	2%	18	12	12	6	6	3
21	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
22	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
23	3	2	1	1	2%	2%	2%	2%	18	12	12	6	6	3
24	2	2	0	0	1%	2%	0%	0%	0	0	12	6	0	0
25	2	2	0	0	1%	2%	0%	0%	0	0	12	6	0	0
27	2	2	0	0	1%	2%	0%	0%	0	0	12	6	0	0
28	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
30	7	6	1	1	4%	6%	2%	2%	18	12	36	18	6	3
31	8	7	1	1	5%	7%	2%	2%	18	12	42	21	6	3
32	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
36	2	0	0	0	1%	0%	0%	0%	0	0	0	0	0	0
37	4	2	0	0	2%	2%	0%	0%	0	0	12	6	0	0
38	2	0	0	0	1%	0%	0%	0%	0	0	0	0	0	0
39	2	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
40	2	0	0	0	1%	0%	0%	0%	0	0	0	0	0	0
41	1	1	1	1	1%	1%	2%	2%	18	12	6	3	6	3
42	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
43	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
44	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
45	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
47	3	2	1	1	2%	2%	2%	2%	18	12	12	6	6	3
48	1	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
50	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
51	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
52	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
53	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
55	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
56	2	2	0	0	1%	2%	0%	0%	0	0	12	6	0	0

Conductor Spacers		TOTALS		
HGVs	LGV	HGVs	LGV	Week
10	8	58	38	Week 118 - 121
8	6	134	84	Week 91 - 94
2	2	26	17	Week 91 - 94
2	2	8	5	Week 39
2	2	8	5	Week 39
4	3	34	21	Week 39
2	2	8	5	Week 39
2	2	8	5	Week 39
2	2	26	17	Week 39
2	2	8	5	Week 39
6	5	42	26	Week 39
2	2	8	5	Week 39
2	2	8	5	Week 39
6	5	42	26	Week 39
4	3	16	9	Week 35 - 39
4	3	16	9	Week 35 - 39
4	3	16	9	Week 35 - 39
2	2	8	5	Week 35 - 39
15	11	75	44	Week 35 - 39
17	13	83	49	Week 35 - 39
2	2	8	5	Week 35 - 39
4	3	4	3	Week 35 - 39
8	6	20	12	Week 34
4	3	4	3	Week 35
4	3	28	18	Week 27
4	3	4	3	Week 27
2	2	32	20	Week 35 - 39
2	2	8	5	Week 31 - 34
2	2	8	5	Week 31 - 34
2	2	8	5	Week 31 - 34
2	2	8	5	Week 31 - 34
6	5	42	26	Week 31 - 34
2	2	26	17	Week 31 - 34
2	2	8	5	Week 31 - 34
2	2	8	5	Week 31 - 34
2	2	8	5	Week 31 - 34
2	2	8	5	Week 31 - 34
4	3	16	9	Week 31 - 34

Access	Totals				%				Sagging		Clamping In		Attached Jumpers	
	Spacers	Clamping In	Jumpers	Sagging	Spacers	Clamping In	Jumpers	Sagging	HGVs	LGV	HGVs	LGV	HGVs	LGV
57	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
58	2	2	0	0	1%	2%	0%	0%	0	0	12	6	0	0
59	3	2	1	1	2%	2%	2%	2%	18	12	12	6	6	3
60	4	4	0	0	2%	4%	0%	0%	0	0	24	12	0	0
61	3	3	0	0	2%	3%	0%	0%	0	0	18	9	0	0
62	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
63	1	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
64	2	2	0	0	1%	2%	0%	0%	0	0	12	6	0	0
65	2	2	0	0	1%	2%	0%	0%	0	0	12	6	0	0
67	1	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
68	4	4	0	0	2%	4%	0%	0%	0	0	24	12	0	0
69	3	3	0	0	2%	3%	0%	0%	0	0	18	9	0	0
70	1	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
71	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
72	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
74	1	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
75	2	2	0	0	1%	2%	0%	0%	0	0	12	6	0	0
76	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
78	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
79	3	2	2	2	2%	2%	4%	4%	36	24	12	6	12	6
81	3	2	2	2	2%	2%	4%	4%	36	24	12	6	12	6
82	4	4	4	4	2%	4%	9%	9%	72	48	24	12	24	12
84	3	2	1	1	2%	2%	2%	2%	18	12	12	6	6	3
86	1	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
92	0	0	1	1	0%	0%	2%	2%	18	12	0	0	6	3
93	0	1	0	0	0%	1%	0%	0%	0	0	6	3	0	0
94	3	0	1	1	2%	0%	2%	2%	18	12	0	0	6	3
95	1	0	3	3	1%	0%	7%	7%	54	36	0	0	18	9
96	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
97	4	3	1	1	2%	3%	2%	2%	18	12	18	9	6	3
100	1	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
102	2	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
104	2	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
105	7	3	2	2	4%	3%	4%	4%	36	24	18	9	12	6
106	2	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
107	2	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
108	2	1	0	0	1%	1%	0%	0%	0	0	6	3	0	0
109	4	2	0	0	2%	2%	0%	0%	0	0	12	6	0	0
110	2	0	1	1	1%	0%	2%	2%	18	12	0	0	6	3
112	2	0	1	0	1%	0%	2%	0%	0	0	0	0	6	3

Conductor Spacers		TOTALS		
HGVs	LGV	HGVs	LGV	Week
2	2	8	5	Week 31 - 34
4	3	16	9	Week 31 - 34
6	5	42	26	Week 31 - 34
8	6	32	18	Week 27 - 31
6	5	24	14	Week 27 - 31
2	2	8	5	Week 27 - 31
2	2	26	17	Week 27 - 31
4	3	16	9	Week 27 - 31
4	3	16	9	Week 27 - 31
2	2	26	17	Week 27 - 31
8	6	32	18	Week 27 - 31
6	5	24	14	Week 27 - 31
2	2	26	17	Week 72 - 77
2	2	8	5	Week 72 - 77
2	2	8	5	Week 72 - 77
2	2	26	17	Week 72 - 77
4	3	16	9	Week 72 - 77
2	2	8	5	Week 72 - 77
2	2	8	5	Week 72 - 77
6	5	66	41	Week 72 - 77
6	5	66	41	Week 65 - 71
8	6	128	78	Week 35 - 39 + Week 65 - 71
6	5	42	26	Week 27 - 30 + Week 65 - 71
2	2	26	17	Week 27 - 30
0	0	24	15	Week 65 - 69
0	0	6	3	Week 65 - 69
6	5	30	20	Week 74 - 82
2	2	74	47	Week 36 - 39
2	2	8	5	Week 74 - 82
8	6	50	30	Week 74 - 82
2	2	8	5	Week 74 - 82
4	3	28	18	Week 77
4	3	28	18	Week 77
15	11	81	50	Week 79 - 83
4	3	10	6	Week 78
4	3	28	18	Week 78
4	3	10	6	Week 78
8	6	20	12	Week 78
4	3	28	18	Week 77
4	3	10	6	Week 77

## **Table 12C.12**

### **Tower Dismantling Accesses and Traffic Prediction**

**Tower Dismantling Traffic Generation Details**

Access	Tower Number	New Build?	Amount	Programme	Week	HGV	LV
4	XC525T	Dismantle	1	22nd - 31st Oct 2026	Week 42-44	49	32
4	MF L-T	Dismantle	1	22nd - 31st Oct 2026	Week 42-43	49	32
4	MF R-T	Dismantle	1	22nd - 31st Oct 2026	Week 42-43	49	32
9	XC522T	Dismantle	1	22nd - 31st Oct 2026	Week 42-43	49	32
9	XC523T	Dismantle	1	1st - 21st Oct 26	Week 39 - 42	49	32
9	XC524T	Dismantle	1	1st - 21st Oct 26	Week 39 - 42	49	32
9	XC523T	Temporary	1	Sept 202026	Week 35 - 49	49	32
9	XC524T	Temporary	1	Sept 202026	Week 35 - 49	49	32
38	XD002T	Temporary	1	July 7th to 12th	Week 27 - 28	49	32
39	XD001T	Dismantle	1	May-25	Week 18 - 21	49	32
40	XC481T	Temporary	1	July 7th to 12th	Week 27 - 28	49	32
79	XC429T	Dismantle	1	1stApril 17th May 26	Week 65 -67	49	32
79	XC430T	Temporary	1	July/Aug/Sept 26	Week 79 - 91	49	32
80	XC428	Dismantle	1	Week of May 18th 26	Week 70 - 73	49	32
81	XCP001T	Dismantle	1	Sept >Oct 2026	Week 88 - 95	49	32
81	XCP002T	Dismantle	1	Sept >Oct 2026	Week 88 - 95	49	32
81	XCP003T	Dismantle	1	Sept >Oct 2026	Week 88 - 95	49	32
81	XCP004T	Temporary	1	July/Aug/Sept 26	Week 79 - 91	49	32
82	XCP004T	Dismantle	1	1stApril 17th May 26	Week 65 -67	49	32
82	XCP005T	Dismantle	1	1stApril 17th May 26	Week 65 -67	49	32
82	XCP006T	Dismantle	1	1stApril 17th May 26	Week 65 -67	49	32
82	XCP007T	Dismantle	1	1stApril 17th May 26	Week 65 -67	49	32
82	XCP005T	Temporary	1	July/Aug/Sept 26	Week 79 - 91	49	32
82	XCP006AT	Temporary	1	July/Aug/Sept 26	Week 79 - 91	49	32
82	XCP006BT	Temporary	1	July/Aug/Sept 26	Week 79 - 91	49	32
82	XCP006CT	Temporary	1	July/Aug/Sept 26	Week 79 - 91	49	32
82	XCP007AT	Temporary	1	July/Aug/Sept 26	Week 79 - 91	49	32
83	XCP008T	Dismantle	1	Sept >Oct 2026	Week 88 - 95	49	32
87	XCP009T	Dismantle	1	Sept >Oct 2026	Week 88 - 95	49	32
87	XCP010T	Dismantle	1	Sept >Oct 2026	Week 88 - 95	49	32
88	XCP011T	Dismantle	1	Sept >Oct 2026	Week 88 - 95	49	32
89	XCP012T	Dismantle	1	Sept >Oct 2026	Week 88 - 95	49	32
90	XCP013T	Dismantle	1	Sept >Oct 2026	Week 88 - 95	49	32
104	YR040T	Dismantle	1	29th June - 19th July 2025	Week 26 - 29	49	32
104	YR039T	Temporary	1	Sep-26	Week 88 - 91	49	32
105	YR038T	Temporary	1	Sep-26	Week 88 - 91	49	32
112	YR001-T	Dismantle	1	Jun-26	Week 74 - 78	49	32

**Table 12C.13**  
**OHL Pre-Construction Works Traffic Across Preliminary**  
**Construction Programme - HGVs**







**Table 12C.14**  
**OHL Pre-Construction Works Traffic Across Preliminary**  
**Construction Programme - LVs**













**Table 12C.15**  
**OHL Bellmouth Traffic Across Preliminary Construction**  
**Programme - HGVs**













**Table 12C.16**  
**OHL Bellmouth Traffic Across Preliminary Construction**  
**Programme - LVs**













**Table 12C.17**  
**Onsite Access Roads Traffic Across Preliminary**  
**Construction Programme - HGVs**













**Table 12C.18**  
**Onsite Access Roads Traffic Across Preliminary**  
**Construction Programme - LVs**













**Table 12C.19**  
**Bridges and Culverts Traffic Across Preliminary**  
**Construction Programme - HGVs**













**Table 12C.20**  
**Bridges and Culverts Traffic Across Preliminary**  
**Construction Programme - LVs**













**Table 12C.21**  
**Pylon Working Areas Traffic Across Preliminary**  
**Construction Programme - HGVs**













**Table 12C.22**  
**Pylon Working Areas Traffic Across Preliminary**  
**Construction Programme - LVs**













**Table 12C.23**  
**Permanent Pylon Foundations/Erection Traffic Across**  
**Preliminary Construction Programme - HGVs**













**Table 12C.24**  
**Permanent Pylon Foundations/Erection Traffic Across**  
**Preliminary Construction Programme - LVs**





LGVs	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	Access	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71			
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**Table 12C.25**  
**Temporary Pylon Foundations/Erection Traffic Across**  
**Preliminary Construction Programme - HGVs**













**Table 12C.26**  
**Temporary Pylon Foundations/Erection Traffic Across**  
**Preliminary Construction Programme - LVs**













**Table 12C.27**  
**Scaffolding Traffic Across Preliminary Construction**  
**Programme Foundations - HGVs**



HGVs	Access																																			
	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71			
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HGVs	Access																																					
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**Table 12C.28**  
**Scaffolding Traffic Across Preliminary Construction**  
**Programme Foundations - LVs**













**Table 12C.29**  
**Underground Cable Installation Traffic Across Preliminary**  
**Construction Programme - HGVs**



HGVs	Access																																			
	1	2	4	6	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	36	37	38			
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HGVs	72	73	74	75	76	77	78	79	80	81	82	83	84	86	87	88	89	Access 90	91	92	93	95	96	97	100	102	104	105	106	107	108	109	110	111	112	
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**Table 12C.30**  
**Underground Cable Installation Traffic Across Preliminary**  
**Construction Programme - LVs**













**Table 12C.31**  
**Conducting Works Traffic Across Preliminary Construction**  
**Programme - HGVs**













**Table 12C.32**  
**Conducting Works Traffic Across Preliminary Construction**  
**Programme - LVs**









LGVs	Access																																			
	72	73	74	75	76	77	78	79	80	81	82	83	84	86	87	88	89	90	91	92	93	95	96	97	100	102	104	105	106	107	108	109	110	111		
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**Table 12C.33**  
**Other OHL Works Traffic Across Preliminary Construction**  
**Programme - HGVs**







**Table 12C.34**  
**Other OHL Works Traffic Across Preliminary Construction**  
**Programme - LVs**













**Table 12C.35**  
**Pylon Dismantling Traffic Across Preliminary**  
**Construction Programme - HGVs**













**Table 12C.36**  
**Pylon Dismantling Traffic Across**  
**Preliminary Construction Programme - LVs**













**Table 12C.37**  
**Reinstatement Traffic Across Preliminary**  
**Construction Programme - HGVs**





HGVs	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71				
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**Table 12C.38**  
**Reinstatement Traffic Across Preliminary**  
**Construction Programme - LV**













**Table 12C.39**  
**Substation Traffic Across Preliminary**  
**Construction Programme - HGVs**













**Table 12C.40**  
**Substation Traffic Across Preliminary**  
**Construction Programme - LVs**













**Table 12C.41**  
**Total Traffic Generation Across**  
**Programme - HGVs**

HGVs	Access																																					
	1	2	4	6	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	36	37	38					
Week 1	4	4	282	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Week 2	0	0	201	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
Week 3	0	0	201	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
Week 4	0	0	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Week 5	0	0	545	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4				
Week 6	0	0	488	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Week 7	0	0	488	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	39	0	0	0	0	0	0	0				
Week 8	0	0	488	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	39	0	0	0	0	0	0	0				
Week 9	0	0	345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	28	0	0	0	0	0	0	0				
Week 10	0	0	345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	28	0	0	0	0	0	0	0				
Week 11	0	0	345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	28	0	0	0	0	0	0	0				
Week 12	0	0	345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	28	0	0	0	0	0	0	0				
Week 13	0	0	345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	0	0	0	0	0	0	0	0				
Week 14	0	0	387	0	0	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	59	0	0	0	0	0	0	0				
Week 15	0	0	387	0	0	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	0	0	0	0	0	0	0				
Week 16	0	0	387	0	0	0	0	0	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	0	0	0	0	0	0	0				
Week 17	0	0	387	0	0	0	0	0	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	39	0	0	0	0	0	0				
Week 18	0	0	387	0	0	0	0	0	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	39	0	0	0	0	0	0				
Week 19	0	0	387	0	0	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	39	0	0	0	0	0	0				
Week 20	0	0	387	0	39	39	0	0	55	0	0	0	0	0	0	41	0	0	0	0	0	0	0	0	59	59	59	59	0	0	0	0	0	0				
Week 21	0	0	387	0	39	39	0	0	55	0	0	0	0	0	0	41	0	0	0	0	0	0	0	0	0	59	59	59	59	0	0	0	0	0	0			
Week 22	0	0	387	0	50	39	0	39	55	39	0	39	0	0	39	41	39	39	18	0	0	0	0	0	0	27	18	0	0	0	0	0	0	0				
Week 23	0	0	387	0	50	41	0	39	55	39	0	39	39	0	39	59	39	39	18	0	0	0	0	0	0	27	18	0	0	0	0	0	0	0				
Week 24	0	0	387	0	50	41	0	59	59	59	39	21	39	39	12	59	39	16	18	0	0	0	0	0	0	27	18	0	0	0	0	0	0	0				
Week 25	0	0	387	0	50	41	0	59	59	59	39	21	39	39	12	59	39	16	18	0	0	0	0	0	0	27	18	0	0	0	0	0	0	0				
Week 26	0	0	387	0	65	59	0	2	2	2	2	4	4	2	0	4	2	2	18	0	0	0	0	0	0	27	18	0	0	0	0	0	0	0				
Week 27	0	0	59	0	65	19	0	0	15	0	0	0	15	0	0	26	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Week 28	0	0	59	0	65	19	0	0	15	0	0	0	15	0	0	26	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Week 29	0	0	59	0	65	19	0	0	15	0	0	0	15	0	0	26	0	0	18	0	0	0	39	0	0	0	0	0	0	0	0	0	0	39	0			
Week 30	0	0	59	0	65	19	0	0	15	0	0	0	15	0	0	26	0	0	18	0	0	0	39	0	0	0	0	0	0	0	0	0	0	39	0			
Week 31	0	0	59	0	65	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	32	0	0	0	0	0	0	0	0	0	0	39	31			
Week 32	0	0	59	0	65	0	39	2	2	2	2	4	4	2	0	4	2	2	2	2	2	2	32	2	2	0	0	2	39	53	59	59	39	39				
Week 33	0	0	59	0	65	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	0	0	0	0	0			
Week 34	0	0	59	0	65	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	0	0	0	0	0			
Week 35	0	0	4	0	16	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	17	2	59	1	0	0	4	0				
Week 36	0	0	4	0	16	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	17	2	0	0	1	0	0	0				
Week 37	0	0	4	0	16	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	17	2	0	0	1	0	0	0				
Week 38	0	0	4	0	16	0	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	17	2	0	0	1	0	0	0				
Week 39	0	0	4	0	16	0	8	8	34	8	0	8	26	0	8	42	8	8	42	3	3	0	3	2	0	0	15	17	2	0	0	1	0	0	0			
Week 40	0	0	4	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Week 41	0	0	4	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Week 42	0	0	53	0	16	0	0	0	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	0	0	0	0	0	0	0	0			
Week 43	0	0	53	0	16	0	59	59	59	59	0	59	59	0	59	59	59	59	59	59	59	59	59	59	0	0	59	59	0	0	0	0	0	0	0			
Week 44	0	3	53	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	0	0	0	0	0	0	0	0			
Week 45	0	3	4	0	44	0	24	0	55	0	0	0	0	0	0	41	0	0	37	0	0	0	0	11	0	59	59	0	0	0	0	0	0	0	0			
Week 46	0	3	4	0	44	0	24	11	55	4	0	21	0	0	12	41	0	0	37	55	20	0	32	0	0	59	59	59	0	0	0	0	0	0	0			
Week 47	0	3	4	0	44	0	24	78	55	78	0	78	0	0	41	39	16	47	0	0	0	32	0	16	59	59	0	0	0	0	0	0	0	0	0			
Week 48	0	3	4	0	26	0	24	0	55	24	0	0	0	0	41	0	0	37	78	0	0	0	0	78	0	0	0	0	0	0	0	0	0	0	0			
Week 49	0	3	4	0	26	0	78	0	81	0	0	0	0	0	41	0	0	78	78	0	0	0	0	78	0	0	0	0	0	0	0	0	0	0	0	0		
Week 50	0	3	4	0	10	0	0	0	55	0	0	0	0	0	78	41	78	0	0	0	0	0	0	78	0	0	0	0	0	0	0	0	0	0	0	0		
Week 51	0	3	4	0	10	0	0	0	55	0	78	0	0	0	0	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Week 52	0	3	4	0	10	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Week 53	0	3	4	0	10	0	0	0	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	78	0	0	0	0	0	0	0	0			
Week 54	0	3	4																																			







HGVs	Access																																						
	72	73	74	75	76	77	78	79	80	81	82	83	84	86	87	88	89	90	91	92	93	95	96	97	100	102	104	105	106	107	108	109	110	111	112				
Week 1	0	0	0	0	0	0	0	43	4	4	43	4	43	4	0	0	0	0	0	86	356	4	4	86	0	0	0	0	0	0	0	0	0	0	0	0	0		
Week 2	0	0	0	0	0	0	0	39	0	0	39	0	39	0	4	4	4	4	4	125	274	0	0	86	4	4	4	4	4	4	4	4	4	4	4	4	4		
Week 3	0	0	0	0	0	0	0	140	0	172	191	0	131	39	0	0	0	0	0	39	125	274	0	0	86	0	0	39	0	0	0	4	4	4	4	4			
Week 4	0	0	0	0	0	0	0	140	0	172	191	0	131	39	0	0	0	0	0	39	143	274	0	39	86	0	0	39	0	0	0	0	0	0	0	0	0		
Week 5	4	4	4	4	4	4	4	185	0	147	191	0	131	16	0	0	0	0	0	51	143	619	0	39	86	0	0	58	0	0	0	0	0	0	0	0	0		
Week 6	0	0	0	0	0	0	0	185	0	147	191	0	189	16	0	0	0	0	0	51	143	488	0	62	86	0	0	58	0	0	0	0	0	0	0	0	0		
Week 7	0	0	0	0	0	0	0	59	0	133	300	0	189	16	0	0	0	0	0	59	145	488	0	62	86	0	0	72	0	0	0	0	0	0	0	0	0		
Week 8	0	0	0	0	0	0	0	59	0	133	300	0	189	59	0	0	0	0	0	59	145	547	0	62	86	0	0	58	0	0	0	0	0	0	0	0	0		
Week 9	0	0	0	0	0	0	0	6	0	4	109	0	9	2	0	0	0	0	0	2	88	409	0	62	86	0	39	58	0	0	0	0	0	0	0	0	0		
Week 10	0	0	0	0	0	0	0	6	0	4	109	0	9	2	0	0	0	0	0	2	88	409	0	62	86	0	39	58	0	0	0	0	0	0	0	0	0		
Week 11	0	0	0	0	0	0	0	6	0	4	109	0	9	2	0	0	0	0	0	2	88	350	0	62	86	0	47	58	0	0	0	0	0	0	0	0	0		
Week 12	0	0	0	0	0	0	0	6	0	4	109	0	9	2	0	0	0	0	0	2	88	350	0	62	86	0	59	58	0	0	0	0	0	0	0	0	0		
Week 13	0	0	0	0	0	0	0	6	0	4	109	0	9	2	0	0	0	0	0	2	88	350	0	62	86	0	59	58	0	0	0	0	0	0	0	0	0	0	
Week 14	0	0	0	0	0	0	0	14	0	11	23	0	9	2	0	0	0	0	0	2	88	432	0	62	86	0	268	58	0	0	0	0	0	0	0	0	0		
Week 15	0	0	0	0	0	0	0	14	0	11	23	0	9	2	0	0	0	0	0	2	88	432	57	62	129	0	268	58	0	0	0	0	0	0	0	0	0		
Week 16	0	0	0	0	0	0	0	14	0	11	23	0	9	2	0	0	0	0	0	2	88	432	57	62	125	0	268	58	0	0	0	0	0	0	0	0	0		
Week 17	0	0	0	0	0	0	0	14	0	11	23	0	9	2	0	0	0	0	0	2	88	432	19	62	130	0	268	59	0	0	0	0	0	0	0	0	0		
Week 18	0	0	0	0	0	0	0	7	0	11	34	0	0	0	0	0	0	0	0	5	91	432	19	59	130	0	183	59	0	0	0	0	0	0	0	0	0		
Week 19	0	0	0	0	0	0	0	7	0	11	34	0	0	0	0	0	0	39	0	5	5	432	19	59	44	0	183	59	0	0	0	0	0	0	0	0	0		
Week 20	0	0	0	0	0	0	0	7	0	11	34	0	0	0	0	0	0	39	0	5	5	432	19	59	44	0	183	59	0	0	0	0	0	0	0	0	0		
Week 21	0	0	0	0	0	0	0	7	0	11	34	39	0	0	39	0	0	12	0	5	5	432	59	59	59	0	183	59	0	0	0	0	0	0	0	0	0		
Week 22	0	0	0	0	0	0	0	0	0	4	10	39	4	2	39	0	78	12	0	5	5	432	2	8	2	0	50	3	0	0	0	0	0	0	0	0	0		
Week 23	0	0	0	0	0	0	0	0	0	4	10	57	4	2	23	0	29	12	0	5	5	432	2	8	2	0	50	3	0	0	0	0	0	0	0	0	0	0	
Week 24	0	0	0	0	0	0	0	0	0	4	10	57	4	2	23	0	29	12	0	2	2	438	2	8	2	0	50	3	0	0	0	0	0	0	0	0	0	0	
Week 25	0	0	0	0	0	0	0	0	0	4	10	57	4	2	23	0	29	12	39	2	2	438	2	8	2	0	50	3	0	0	0	0	0	0	0	0	0	0	
Week 26	0	0	0	0	0	0	0	0	0	4	10	57	4	2	23	0	29	12	39	2	2	398	2	8	2	0	50	3	0	0	0	0	0	0	0	0	0	0	
Week 27	0	0	0	0	0	0	0	0	0	4	10	57	4	7	23	0	29	12	30	13	2	76	2	8	2	0	7	3	0	0	0	0	0	0	0	0	0	0	
Week 28	0	0	0	0	0	0	0	0	0	0	57	4	7	23	39	29	12	59	11	0	76	2	8	2	0	7	3	0	0	0	0	0	0	0	0	0	0	0	
Week 29	0	0	0	0	0	0	0	0	0	0	57	4	7	23	39	59	59	59	11	0	76	2	8	2	0	7	3	0	0	0	0	0	0	0	0	0	0	0	
Week 30	0	0	0	0	0	0	0	0	0	0	57	4	7	59	24	2	4	2	11	2	80	2	8	2	0	7	3	0	0	0	0	0	0	0	0	0	0	0	
Week 31	0	0	0	0	0	0	0	4	0	5	7	57	19	0	59	59	0	0	0	0	72	2	8	2	0	7	3	0	0	0	0	0	0	0	0	0	0	0	
Week 32	0	0	0	0	0	0	0	4	0	5	7	57	15	0	3	4	0	0	0	0	72	0	8	0	0	7	3	0	0	0	0	0	0	0	0	0	0	0	0
Week 33	0	0	0	0	0	0	0	4	0	5	7	59	15	0	0	0	0	0	0	0	72	0	8	0	0	7	3	0	0	0	0	0	0	0	0	0	0	0	0
Week 34	0	0	0	0	0	0	0	4	0	5	9	2	15	0	3	0	0	0	0	0	72	0	8	0	0	7	3	0	0	0	0	0	0	0	0	0	0	0	0
Week 35	0	0	0	0	0	0	0	4	0	17	30	0	4	0	3	4	2	4	2	0	2	31	3	13	3	0	38	8	0	0	0	0	0	0	0	0	0	0	
Week 36	0	0	0	0	0	0	0	4	0	17	30	0	4	0	0	0	0	0	59	0	59	27	22	13	3	0	38	8	0	0	0	0	0	0	0	0	0	0	
Week 37	0	0	0	0	0	0	0	4	0	17	30	0	4	0	0	0	0	0	59	0	59	21	22	13	3	0	38	8	0	0	0	0	0	0	0	0	0	0	
Week 38	0	0	0	0	0	0	0	4	0	17	30	0	4	0	0	0	0	0	28	0	57	21	19	13	0	0	38	8	0	0	0	0	0	0	0	0	0	0	
Week 39	0	0	0	0	0	0	0	0	0	12	24	0	4	0	0	0	0	0	0	0	57	15	19	0	0	0	38	8	0	0	0	0	0	0	0	0	0	0	0
Week 40	0	0	0	0	0	0	0	0	0	2	2	0	0	0	3	0	0	0	0	0	57	4	0	0	0	0	85	8	0	0	0	0	0	0	0	0	0	0	0
Week 41	0	0	0	0	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	0	4	0	0	0	0	85	8	0	0	0	0	0	0	0	0	0	0	0
Week 42	0	0	0	0	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	0	4	0	0	0	0	82	3	0	0	0	0	0	0	0	0	0	0	
Week 43	0	0	0	0	0	0	0	0	0	0	0	0	59	59	0	0	0	0	0	0	0	4	0	0	0	0	82	3	0	0	0	0	0	0	0	0	0	0	
Week 44	0	0	0	0	0	0	0	0	0	0	0	0	131	0	0	0	0	0	0	0	0	4	0	0	0	0	82	0	0	0	0	0	0	0	0	0	0	0	
Week 45	0	0	0	0	0	0	0	0	0	0	0	0	131	0	0	0	0	0	0	0	0	4	0	0	0	0	82	0	0	0	0	0	0	0	0	0	0	0	
Week 46	0	0	0	0	0	0	0	0	0	0	0	0	131	16	0	0	0	0	0	0	0	4	0	0	0	0	82	0	0	0	0	0	0	0	0	0	0	0	0
Week 47	0	0	0	0	0	0	0	0	0	0	0	0	131	16	0	0	0	0	0	0	0	4	0	0	0	0	82	0	0	0	0	0	0	0	0	0	0	0	
Week 48	0	0	0	0	0	0	0	0	0	0	0	0	131	16	0	0	0	0	0	0	0	4	0	0	0	0	122	0	0	0	0	0	0	0	0	0	0	0	
Week 49	0	0	0	0	0	0	0	0	0	0	0	0	131	78	0	0	0	0	0	78	0	4	0	0	0	122	0	0	0</										



**Table 12C.42**  
**Total Traffic Generation Across**  
**Programme - LVs**

LGVs	Access																																					
	1	2	4	6	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	36	37	38					
Week 1	8	8	158	8	8	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Week 2	0	0	77	0	0	0	0	0	8	8	8	8	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Week 3	0	0	77	0	0	0	0	0	0	0	0	0	0	0	0	8	8	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
Week 4	0	0	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	2	2	2	2	2	2	2	2	2	2	2	0			
Week 5	0	0	313	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	0	2		
Week 6	0	0	291	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6		
Week 7	0	0	291	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	0	0	0	0	0	0	0	0	0	0		
Week 8	0	0	291	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	0	0	0	0	0	0	0	0	0	0		
Week 9	0	0	236	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	9	0	0	0	0	0	0	0	0	0	0		
Week 10	0	0	236	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	9	0	0	0	0	0	0	0	0	0	0	0		
Week 11	0	0	236	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	54	0	0	0	0	0	0	0	0	0	0	0		
Week 12	0	0	236	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	0	0	0	0	0	58	54	0	0	0	0	0	0	0	0	0	7			
Week 13	0	0	236	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	11			
Week 14	0	0	406	0	0	0	0	0	37	0	0	0	0	0	0	0	0	56	0	0	0	0	0	13	11	0	0	0	0	0	0	0	0	0	18			
Week 15	0	0	406	0	0	0	0	0	37	0	0	0	0	0	0	0	0	37	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0	0	18			
Week 16	0	0	406	0	0	0	0	0	62	0	0	0	0	0	0	0	0	37	0	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0	18			
Week 17	0	0	406	0	0	0	0	0	62	0	0	0	0	0	0	13	0	0	11	37	37	0	0	37	0	11	11	37	0	0	0	0	0	0	18			
Week 18	0	0	406	0	0	0	0	0	62	0	0	0	0	0	0	13	0	0	11	59	6	0	0	37	0	11	11	37	0	0	0	0	0	0	18			
Week 19	0	0	406	0	0	0	0	0	17	0	0	0	0	0	0	13	0	0	11	11	11	37	0	3	37	11	11	11	0	0	0	0	0	0	18			
Week 20	0	0	406	0	37	0	0	0	17	0	0	0	0	0	0	13	0	0	11	11	11	37	0	11	127	11	11	11	0	0	0	0	0	0	18			
Week 21	0	0	406	0	37	37	0	0	17	0	0	0	0	0	0	13	0	0	32	32	32	32	0	32	32	11	11	32	0	0	0	0	0	0	18			
Week 22	0	0	406	0	16	37	0	37	17	37	0	37	13	37	37	26	0	0	0	0	0	0	0	39	26	0	0	0	0	0	0	0	0	0	0			
Week 23	0	0	406	0	16	13	0	37	17	37	0	37	37	37	0	26	0	0	0	0	0	0	0	39	26	0	0	0	0	0	0	0	0	0	0			
Week 24	0	0	406	0	16	13	0	3	11	1	37	6	37	37	4	11	12	5	26	0	0	0	0	39	26	0	0	0	0	0	0	0	0	0	0			
Week 25	0	0	406	0	16	13	0	11	11	11	37	11	11	37	11	11	11	26	0	0	0	0	0	39	26	0	0	0	0	0	0	0	0	0	0			
Week 26	0	0	406	0	12	11	0	32	32	32	32	65	65	32	0	65	32	32	26	0	0	0	0	39	26	0	0	0	0	0	0	0	0	0	0			
Week 27	0	0	509	0	12	27	0	0	21	0	0	0	21	0	0	37	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16			
Week 28	0	0	509	0	12	27	0	0	21	0	0	0	21	0	0	37	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16			
Week 29	0	0	509	0	12	27	0	0	21	0	0	0	21	0	0	37	0	0	26	0	0	0	37	0	0	0	0	0	0	0	0	0	0	0	37	0		
Week 30	0	0	509	0	12	27	0	0	21	0	0	0	21	0	0	37	0	0	26	0	0	0	37	0	0	0	0	0	0	0	0	0	0	0	37	0		
Week 31	0	0	509	0	12	0	0	0	0	0	0	0	0	0	0	0	0	26	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	37	37			
Week 32	0	0	509	0	12	0	37	32	32	32	65	65	32	0	65	32	32	32	32	32	32	10	32	32	0	0	0	0	0	0	0	0	37	37	11	37		
Week 33	0	0	509	0	12	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	37	37	11	11	0		
Week 34	0	0	509	0	12	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11	11	11	11	12	0			
Week 35	0	0	243	0	11	0	7	0	0	0	0	0	0	0	0	0	0	2	2	2	0	2	2	0	9	10	2	11	0	0	0	0	0	3	0			
Week 36	0	0	243	0	11	0	7	0	0	0	0	0	0	0	0	0	0	2	2	2	0	2	2	0	9	10	2	11	0	0	0	0	0	0	0			
Week 37	0	0	243	0	11	0	7	0	0	0	0	0	0	0	0	0	0	2	2	2	0	2	2	0	9	10	2	11	0	0	0	0	0	0	0			
Week 38	0	0	243	0	11	0	11	0	0	0	0	0	0	0	0	0	0	2	2	2	0	2	2	0	9	10	0	0	0	0	3	0	0	0	0			
Week 39	0	0	243	0	11	0	5	5	21	5	0	5	17	0	5	26	5	5	26	2	2	0	2	0	9	10	0	0	0	0	0	0	0	0	0			
Week 40	0	0	243	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0		
Week 41	0	0	243	0	11	0	0	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	11	0	11	11	0	0	0	0	0	0	0	0	0	0		
Week 42	0	0	274	0	11	0	0	0	11	0	0	0	0	0	0	11	0	0	11	11	11	0	11	0	11	11	0	11	0	0	0	0	0	0	0	0		
Week 43	0	0	274	0	11	0	11	11	11	11	0	11	11	11	11	11	11	11	11	11	11	0	11	0	11	11	0	0	0	0	0	0	0	0	0	0		
Week 44	0	5	274	0	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0	0	0		
Week 45	0	5	243	0	59	0	7	0	17	0	0	0	0	0	13	0	0	11	0	0	0	3	0	11	11	0	0	0	0	0	0	0	0	0	0	0		
Week 46	0	5	243	0	59	0	7	3	17	1	0	6	0	0	4	13	0	11	38	6	0	10	0	11	11	11	0	0	0	0	0	0	0	0	0	0		
Week 47	0	5	243	0	59	0	7	75	17	75	0	75	0	0	13	12	5	11	0	0	0	10	0	11	11	0	0	0	0	0	0	0	0	0	0	0		
Week 48	0	5	243	0	28	0	7	0	52	0	0	0	0	0	13	0	0	35	75	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Week 49	0	5	243	0	28	0	75	0	52	0	0	0	0	0	13	0	75	75	0	0	75	0	75	0	13	9	11	75	0	24	0	0	0	0	0	0		
Week 50	0	5	243	0	17	0	0	0	17	0	0	0	0	0	75	75	0	0	0	0	0	75	75	0	45	33	75	75	0	0	0	0	0	0	0	0		
Week 51	0	5	243	0	17	0	0	0	17	0	75	0	0	0	0	75	0	0	0	0	0	0	0	45	45	33	0	0	0	0	0	0	0	0	0	0		
Week 52	0	5	243	0	17	0	0	0	17																													











**Table 12C.43**  
**Total Traffic Generation Across**  
**Programme - Total Vehicles**













## Table 12C.44 Peak Week Traffic Calculations Per Access





wood.