

## Greater Dublin Drainage Project Addendum

Environmental Impact Assessment Report Addendum:  
Volume 3A Part B of 6

Appendix A13.1 Traffic Calculations

Uisce Éireann

October 2023

**Traffic Calculations for GDD Addendum**  
**Site 1 - Clonsilla Road - Hotel Access Roundabout**  
*At Present AM Peak (06.30 - 09.30)*

**Seasonally Adjusted 2022**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	18	1	106	10	8	1
B	21	1	2	0	298	8	17	1
C	104	10	188	9	4	1	112	8
D	8	1	13	0	50	8	0	0

**2025 - Year of Phase 1**

Dublin		LGV	MSV					
2006 - 2025 Index	1.0791	1.0208						
Years	3	3						
Growth Factor	1.058	1.102						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	19	1	112	11	8	1
B	22	1	2	0	315	9	18	1
C	110	11	178	10	4	1	118	9
D	8	1	14	0	53	9	0	0

**2025 - Year of Phase 2**

Dublin		LGV	MSV					
2006 - 2025 Index	1.0791	1.0208						
Years	3	3						
Growth Factor	1.058	1.102						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	19	1	112	11	8	1
B	22	1	2	0	315	9	18	1
C	110	11	178	10	4	1	118	9
D	8	1	14	0	53	9	0	0

**2026 - Year of Phase 3**

Dublin		LGV	MSV					
2006 - 2025 Index	1.0791	1.0208						
Years	4	4						
Growth Factor	1.079	1.138						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	21	1	121	13	7	1
B	24	1	2	0	340	10	19	1
C	119	13	192	11	5	1	128	10
D	9	1	15	0	57	10	0	0

**2026 - Year of Phase 4**

Dublin		LGV	MSV					
2006 - 2025 Index	1.0791	1.0208						
Years	4	4						
Growth Factor	1.079	1.138						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	21	1	121	13	7	1
B	24	1	2	0	340	10	19	1
C	119	13	192	11	5	1	128	10
D	9	1	15	0	57	10	0	0

**2027 - Year of Phase 5**

Dublin		LGV	MSV					
2006 - 2025 Index	1.0791	1.0208						
Years	5	5						
Growth Factor	1.099	1.175						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	22	1	131	14	7	1
B	26	1	2	0	367	11	21	1
C	128	14	207	13	5	1	138	11
D	10	1	16	0	62	11	0	0

**AM PEAK GENERATED TRAFFIC**

Site 1 - Clonsilla Road - Hotel Access Roundabout  
**WITH CONSTRUCTION TRAFFIC**

**2024 - Year of Phase 1 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	19	1	112	11	8	1
B	22	1	2	0	315	16	18	1
C	110	11	178	10	4	1	118	9
D	8	1	14	0	53	9	0	0

**2025 - Year of Phase 2 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	19	1	112	11	8	1
B	22	1	2	0	315	16	18	1
C	110	11	178	10	4	1	118	9
D	8	1	14	0	53	9	0	0

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	21	1	121	13	7	1
B	24	1	2	0	340	16	19	1
C	119	13	192	11	5	1	128	10
D	9	1	15	0	57	10	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	21	1	121	13	7	1
B	24	1	2	0	340	16	19	1
C	119	13	192	11	5	1	128	10
D	9	1	15	0	57	10	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	22	1	131	14	7	1
B	26	1	2	0	367	17	21	1
C	128	14	207	13	5	1	138	11
D	10	1	16	0	62	11	0	0

**Traffic Calculations for GDD Addendum**  
**Site 1 - Clonsillaugh Road - Hotel Access Roundabout**  
**At Present PM Peak (17:15 - 18:15)**

**Seasonally Adjusted 2022**

Route	A	HSV	B	HSV	C	HSV	D	HSV
A	0	0	44	1	116	7	8	0
B	25	0	0	0	279	1	12	0
C	128	10	269	2	11	1	52	8
D	10	0	4	0	33	4	0	0

**2025 - Year of Phase 1**

		Dublin		LGV	MSV			
		2006 - 2025 Index	1.07191	1.03208				
		Years	3	3				
		Growth Factor	1.058	1.102				
Route	A	HSV	B	HSV	C	HSV	D	HSV
A	0	0	47	1	123	8	8	0
B	26	0	0	0	295	1	13	0
C	136	11	289	2	12	1	55	7
D	11	0	4	0	35	4	0	0

**2025 - Year of Phase 2**

		LGV	MSV					
		2006 - 2025 Index	1.07191	1.03208				
		Years	3	3				
		Growth Factor	1.058	1.102				
Route	A	HSV	B	HSV	C	HSV	D	HSV
A	0	0	47	1	123	8	8	0
B	26	0	0	0	295	1	13	0
C	136	11	289	2	12	1	55	7
D	11	0	4	0	35	4	0	0

**2026 - Year of Phase 3**

		LGV	MSV					
		2006 - 2025 Index	1.07191	1.03208				
		Years	4	4				
		Growth Factor	1.079	1.138				
Route	A	HSV	B	HSV	C	HSV	D	HSV
A	0	0	50	1	132	9	9	0
B	29	0	0	0	319	1	14	0
C	147	13	419	3	13	1	59	8
D	11	0	5	0	38	5	0	0

**2026 - Year of Phase 4**

		LGV	MSV					
		2006 - 2025 Index	1.07191	1.03208				
		Years	4	4				
		Growth Factor	1.079	1.138				
Route	A	HSV	B	HSV	C	HSV	D	HSV
A	0	0	50	1	132	9	9	0
B	29	0	0	0	319	1	14	0
C	147	13	419	3	13	1	59	8
D	11	0	5	0	38	5	0	0

**2027 - Year of Phase 5**

		LGV	MSV					
		2006 - 2025 Index	1.07191	1.03208				
		Years	5	5				
		Growth Factor	1.099	1.175				
Route	A	HSV	B	HSV	C	HSV	D	HSV
A	0	0	54	1	142	10	10	0
B	31	0	0	0	344	1	15	0
C	159	14	462	3	14	1	64	9
D	12	0	5	0	41	6	0	0

**AM PEAK GENERATED TRAFFIC**

**Site 1 - Clonsillaugh Road - Hotel Access Roundabout**

**WITH CONSTRUCTION TRAFFIC**

**2024 - Year of Phase 1 + Construction Traffic**

Route	A	HSV	B	HSV	C	HSV	D	HSV
A	0	0	47	1	123	8	8	0
B	26	0	0	0	292	8	13	0
C	136	11	308	2	12	1	55	7
D	11	0	4	0	35	4	0	0

**2025 - Year of Phase 2 + Construction Traffic**

Route	A	HSV	B	HSV	C	HSV	D	HSV
A	0	0	47	1	123	8	8	0
B	26	0	0	0	281	7	13	0
C	136	11	308	2	12	1	55	7
D	11	0	4	0	35	4	0	0

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HSV	B	HSV	C	HSV	D	HSV
A	0	0	50	1	132	9	9	0
B	29	0	0	0	319	1	14	0
C	147	13	419	3	13	1	59	8
D	11	0	5	0	38	5	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HSV	B	HSV	C	HSV	D	HSV
A	0	0	50	1	132	9	9	0
B	29	0	0	0	304	7	14	0
C	147	13	419	3	13	1	59	8
D	11	0	5	0	38	5	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HSV	B	HSV	C	HSV	D	HSV
A	0	0	54	1	143	10	10	0
B	31	0	0	0	409	7	15	0
C	159	14	492	3	14	1	64	9
D	12	0	5	0	41	6	0	0

Traffic Calculations for GDD Addendum  
 Site 2 - N2 - Clonsilla Road - Roundabout  
 At Present AM Peak (07:30 - 08:30)

Seasonally Adjusted 2022

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	246	16	0	0	177	17
B	139	11	16	0	0	0	1470	67
C	0	0	0	0	0	0	1	0
D	151	13	1975	99	0	0	3	0

2025 - Year of Phase 1

Dublin		LGV	MSV					
2006 - 2025 Index	1.07191	1.03208						
Years	3	3						
Growth Factor	1.058	1.102						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	260	18	0	0	187	19
B	126	12	17	0	0	0	1555	74
C	0	0	0	0	0	0	1	0
D	160	14	2085	109	0	0	3	0

2025 - Year of Phase 2

Dublin		LGV	MSV					
2006 - 2025 Index	1.07191	1.03208						
Years	3	3						
Growth Factor	1.058	1.102						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	260	18	0	0	187	19
B	126	12	17	0	0	0	1555	74
C	0	0	0	0	0	0	1	0
D	160	14	2085	109	0	0	3	0

2026 - Year of Phase 3

Dublin		LGV	MSV					
2006 - 2025 Index	1.07191	1.03208						
Years	4	4						
Growth Factor	1.079	1.138						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	281	20	0	0	202	21
B	136	14	18	0	0	0	1673	84
C	0	0	0	0	0	0	1	0
D	172	16	2255	124	0	0	3	0

2026 - Year of Phase 4

Dublin		LGV	MSV					
2006 - 2025 Index	1.07191	1.03208						
Years	4	4						
Growth Factor	1.079	1.138						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	281	20	0	0	202	21
B	136	14	18	0	0	0	1673	84
C	0	0	0	0	0	0	1	0
D	172	16	2255	124	0	0	3	0

2027 - Year of Phase 5

Dublin		LGV	MSV					
2006 - 2025 Index	1.07191	1.03208						
Years	5	5						
Growth Factor	1.099	1.175						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	303	23	0	0	216	24
B	147	16	20	0	0	0	1811	98
C	0	0	0	0	0	0	1	0
D	186	19	2433	141	0	0	4	0

AM PEAK GENERATED TRAFFIC

Site 2 - N2 - Clonsilla Road - Roundabout  
 WITH CONSTRUCTION TRAFFIC

2024 - Year of Phase 1 + Construction Traffic

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	260	18	0	0	187	26
B	126	12	17	0	0	0	1555	76
C	0	0	0	0	0	0	1	0
D	160	14	2166	116	0	0	3	0

2025 - Year of Phase 2 + Construction Traffic

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	260	18	0	0	187	24
B	126	12	17	0	0	0	1555	76
C	0	0	0	0	0	0	1	0
D	160	14	2160	117	0	0	3	0

2026 - Year of Phase 3 + Construction Traffic

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	281	20	0	0	202	27
B	136	14	18	0	0	0	1673	86
C	0	0	0	0	0	0	1	0
D	172	16	2261	122	0	0	3	0

2026 - Year of Phase 4 + Construction Traffic

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	281	20	0	0	202	27
B	136	14	18	0	0	0	1676	86
C	0	0	0	0	0	0	1	0
D	172	16	2261	122	0	0	3	0

2027 - Year of Phase 5 + Construction Traffic

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	303	23	0	0	216	30
B	147	16	20	0	0	0	1811	98
C	0	0	0	0	0	0	1	0
D	186	19	2521	149	0	0	4	0

**Traffic Calculations for GDD Addendum**  
**Site 2 - N12 - Clonsilla Road - Roundabout**  
**At Present PM Peak (16:15 - 17:15)**

**Seasonally Adjusted 2022**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	214	4	0	0	210	11
B	241	3	6	0	0	0	1541	107
C	0	0	0	0	0	0	0	0
D	268	19	1837	47	0	0	0	0

**2025 - Year of Phase 1**

Dublin		LGV	MSV
2006 - 2025 Index	1.07191	1.03228	
Years	3	3	
Growth Factor	1.058	1.102	

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	226	4	0	0	223	12
B	255	3	6	0	0	0	1630	118
C	0	0	0	0	0	0	0	0
D	284	21	1944	52	0	0	0	0

**2025 - Year of Phase 2**

Dublin		LGV	MSV
2006 - 2025 Index	1.07191	1.03228	
Years	3	3	
Growth Factor	1.058	1.102	

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	238	4	0	0	233	13
B	265	3	6	0	0	0	1630	118
C	0	0	0	0	0	0	0	0
D	284	21	1944	52	0	0	0	0

**2026 - Year of Phase 3**

Dublin		LGV	MSV
2006 - 2025 Index	1.07191	1.03228	
Years	4	4	
Growth Factor	1.079	1.138	

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	244	5	0	0	240	14
B	275	4	7	0	0	0	1759	134
C	0	0	0	0	0	0	0	0
D	305	24	2027	59	0	0	0	0

**2026 - Year of Phase 4**

Dublin		LGV	MSV
2006 - 2025 Index	1.07191	1.03228	
Years	4	4	
Growth Factor	1.079	1.138	

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	244	5	0	0	240	14
B	275	4	7	0	0	0	1759	134
C	0	0	0	0	0	0	0	0
D	305	24	2027	59	0	0	0	0

**2027 - Year of Phase 5**

Dublin		LGV	MSV
2006 - 2025 Index	1.07191	1.03228	
Years	5	5	
Growth Factor	1.099	1.175	

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	264	6	0	0	259	16
B	297	4	7	0	0	0	1898	153
C	0	0	0	0	0	0	0	0
D	330	27	2263	67	0	0	0	0

**PM PEAK GENERATED TRAFFIC**

Site 2 - N12 - Clonsilla Road - Roundabout  
**WITH CONSTRUCTION TRAFFIC**

**2024 - Year of Phase 1 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	226	4	0	0	223	12
B	255	3	6	0	0	0	1630	118
C	0	0	0	0	0	0	0	0
D	284	21	1944	52	0	0	0	0

**2025 - Year of Phase 2 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	238	4	0	0	233	13
B	265	3	6	0	0	0	1630	118
C	0	0	0	0	0	0	0	0
D	284	21	1944	52	0	0	0	0

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	244	5	0	0	240	14
B	275	4	7	0	0	0	1759	134
C	0	0	0	0	0	0	0	0
D	305	24	2027	59	0	0	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	244	5	0	0	240	14
B	275	4	7	0	0	0	1759	134
C	0	0	0	0	0	0	0	0
D	305	24	2027	59	0	0	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	264	6	0	0	259	16
B	297	4	7	0	0	0	1921	155
C	0	0	0	0	0	0	0	0
D	330	27	2263	75	0	0	0	0

**Traffic Calculations for GDD Addendum**  
**Site 5 - N32 - R107**  
**At Present All Peak (07:45 - 08:45)**

**Seasonally Adjusted 2022**

**2025 - Year of Phase 1**

**Dublin**  
 2006 - 2025 Index 1.07191 1.03208  
 Years 3 3  
 Growth Factor 1.058 1.102

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	61	8	636	48	183	25
B	56	2	0	0	426	55	503	61
C	346	32	212	41	0	0	244	64
D	176	48	325	104	456	41	0	0

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	65	10	673	53	196	28
B	59	3	0	0	451	61	532	69
C	366	35	224	46	0	0	264	71
D	186	53	355	114	482	46	0	0

**2025 - Year of Phase 2**

**Dublin**  
 2006 - 2025 Index 1.07191 1.03208  
 Years 3 3  
 Growth Factor 1.058 1.102

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	65	10	673	53	196	28
B	59	3	0	0	451	61	532	69
C	366	35	224	46	0	0	264	71
D	186	53	355	114	482	46	0	0

**2026 - Year of Phase 3**

**Dublin**  
 2006 - 2025 Index 1.07191 1.03208  
 Years 4 4  
 Growth Factor 1.079 1.138

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	70	12	726	61	211	30
B	64	3	0	0	486	69	574	101
C	386	40	242	52	0	0	308	81
D	201	61	559	130	521	52	0	0

**2026 - Year of Phase 4**

**Dublin**  
 2006 - 2025 Index 1.07191 1.03208  
 Years 4 4  
 Growth Factor 1.079 1.138

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	70	12	726	61	211	30
B	64	3	0	0	486	69	574	101
C	386	40	242	52	0	0	308	81
D	201	61	559	130	521	52	0	0

**2027 - Year of Phase 5**

**Dublin**  
 2006 - 2025 Index 1.07191 1.03208  
 Years 5 5  
 Growth Factor 1.099 1.175

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	76	13	783	69	238	36
B	69	3	0	0	525	79	620	115
C	426	46	261	56	0	0	424	92
D	217	69	647	148	562	59	0	0

**AM PEAK GENERATED TRAFFIC**

**WITH CONSTRUCTION TRAFFIC**

**2025 - Year of Phase 2 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	65	10	673	53	196	28
B	59	3	0	0	451	61	532	69
C	366	35	224	46	0	0	264	71
D	221	60	555	114	482	46	0	0

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	70	12	726	61	211	30
B	64	3	0	0	486	69	574	101
C	395	40	242	52	0	0	303	81
D	232	68	592	130	521	52	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	70	12	726	61	211	30
B	64	3	0	0	486	69	574	101
C	395	40	242	52	0	0	303	81
D	240	69	599	130	521	52	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	75	13	793	69	228	33
B	69	3	0	0	525	79	620	115
C	426	46	261	56	0	0	424	92
D	248	76	647	148	562	59	0	0

**Traffic Calculations for GDD Addendum**  
 Site 5 - N32 - R107  
 At Present PM Peak (16:00 - 17:00)

**Seasonally Adjusted 2022**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	56	7	414	9	186	87
B	52	5	0	0	328	41	553	76
C	580	37	345	21	0	0	473	53
D	235	25	535	32	492	37	0	0

**2025 - Year of Phase 1**

Dublin		LGV	MSV					
2006 - 2025 Index	1.07191	1.03268						
Years	3	3						
<b>Growth Factor</b>	<b>1.058</b>	<b>1.102</b>						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	59	8	438	10	207	94
B	55	5	0	0	347	46	585	84
C	614	41	365	23	0	0	500	58
D	249	28	631	35	521	41	0	0

**2025 - Year of Phase 2**

Dublin		LGV	MSV					
2006 - 2025 Index	1.07191	1.03268						
Years	3	3						
<b>Growth Factor</b>	<b>1.058</b>	<b>1.102</b>						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	63	8	428	10	207	94
B	55	5	0	0	347	46	585	84
C	614	41	365	23	0	0	500	58
D	249	28	631	35	521	41	0	0

**2026 - Year of Phase 3**

Dublin		LGV	MSV					
2006 - 2025 Index	1.07191	1.03268						
Years	4	4						
<b>Growth Factor</b>	<b>1.079</b>	<b>1.138</b>						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	64	9	473	12	224	94
B	59	6	0	0	374	52	631	95
C	662	46	394	26	0	0	540	66
D	268	32	680	40	562	46	0	0

**2026 - Year of Phase 4**

Dublin		LGV	MSV					
2006 - 2025 Index	1.07191	1.03268						
Years	4	4						
<b>Growth Factor</b>	<b>1.079</b>	<b>1.138</b>						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	64	9	473	12	224	94
B	59	6	0	0	374	52	631	95
C	662	46	394	26	0	0	540	66
D	268	32	680	40	562	46	0	0

**2027 - Year of Phase 5**

Dublin		LGV	MSV					
2006 - 2025 Index	1.07191	1.03268						
Years	5	5						
<b>Growth Factor</b>	<b>1.099</b>	<b>1.175</b>						
Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	69	10	510	13	241	98
B	64	7	0	0	404	59	681	108
C	714	53	426	30	0	0	583	73
D	289	36	734	46	606	53	0	0

**AM PEAK GENERATED TRAFFIC**

**WITH CONSTRUCTION TRAFFIC**

**2025 - Year of Phase 2 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	59	8	438	10	202	89
B	55	5	0	0	347	46	585	84
C	614	41	365	23	0	0	500	58
D	249	28	631	35	521	41	0	0

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	64	9	473	12	200	91
B	59	6	0	0	374	52	631	95
C	662	46	394	26	0	0	540	66
D	268	32	680	40	562	46	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	64	9	473	12	203	92
B	59	6	0	0	374	52	631	95
C	662	46	394	26	0	0	540	66
D	276	32	680	40	562	46	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	MSV	B	MSV	C	MSV	D	MSV
A	0	0	69	10	510	13	272	102
B	64	7	0	0	404	59	681	108
C	714	53	426	30	0	0	583	73
D	289	36	734	46	606	53	0	0

**Traffic Calculations for GDD Addendum**  
**Site 8 - R106 - R108 Priority Jn**  
**At Present AM Peak (08:00 - 09:00)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	176	6	238	7
B	274	8	0	0	31	2
C	377	18	61	3	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	186	7	252	8
B	290	9	0	0	33	2
C	399	20	65	3	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	186	7	252	8
B	290	9	0	0	33	2
C	399	20	65	3	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	201	8	272	9
B	313	10	0	0	35	3
C	430	23	70	4	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	201	8	272	9
B	313	10	0	0	35	3
C	430	23	70	4	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	217	9	293	10
B	338	11	0	0	38	3
C	464	26	75	4	0	0

**AM PEAK GENERATED TRAFFIC**  
**Site 8 - R106 - R108 Priority Jn**  
**WITH CONSTRUCTION TRAFFIC**

**2025 - Year of Phase 2 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	186	7	252	8
B	290	9	0	0	33	2
C	399	20	65	3	0	0

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	201	8	272	9
B	313	10	0	0	35	3
C	430	23	70	4	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	201	8	272	9
B	313	10	0	0	35	3
C	430	23	70	4	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	217	9	293	10
B	338	11	0	0	50	3
C	464	26	75	5	0	0



**Traffic Calculations for GDD Addendum**  
**Site 8 - R106 - R108 Priority Jn**  
**At Present PM Peak 17:15 - 18:15**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	199	8	401	11
B	148	2	0	0	45	0
C	330	7	53	1	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	211	9	424	12
B	157	2	0	0	48	0
C	349	8	56	1	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	211	9	424	12
B	157	2	0	0	48	0
C	349	8	56	1	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	227	10	458	14
B	169	3	0	0	51	0
C	377	9	61	1	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	227	10	458	14
B	169	3	0	0	51	0
C	377	9	61	1	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	245	11	494	16
B	182	3	0	0	55	0
C	406	10	65	1	0	0

**AM PEAK GENERATED TRAFFIC**

**Site 8 - R106 - R108 Priority Jn**

**WITH CONSTRUCTION TRAFFIC**

**2025 - Year of Phase 2 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	211	9	424	12
B	157	2	0	0	48	0
C	349	8	56	1	0	0

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	227	10	458	14
B	169	3	0	0	51	0
C	377	9	61	1	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	227	10	458	14
B	169	3	0	0	51	0
C	377	9	61	1	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	245	11	494	16
B	182	3	0	0	55	0
C	406	10	77	2	0	0

**Traffic Calculations for GDD Addendum**  
**Site 9 - R106 - Golf Link Rd Priority Jn**  
**At Present AM Peak (08:00 - 09:00)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	20	0	430	18
B	13	0	0	0	21	0
C	418	13	48	0	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	21	0	455	20
B	14	0	0	0	22	0
C	442	14	51	0	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	21	0	455	20
B	14	0	0	0	22	0
C	442	14	51	0	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	23	0	491	23
B	15	0	0	0	24	0
C	477	16	55	0	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	23	0	491	23
B	15	0	0	0	24	0
C	477	16	55	0	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	25	0	530	26
B	16	0	0	0	26	0
C	515	19	59	0	0	0

**AM PEAK GENERATED TRAFFIC**  
**Site 9 - R106 - Golf Link Rd Priority Jn**  
**WITH CONSTRUCTION TRAFFIC**

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	23	0	491	23
B	15	0	0	0	24	1
C	477	16	75	1	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	23	0	491	23
B	15	0	0	0	24	1
C	477	16	75	1	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	25	0	530	26
B	16	0	0	0	26	0
C	515	19	71	1	0	0

**Traffic Calculations for GDD Addendum**  
**Site 9 - R106 - Golf Link Rd Priority Jn**  
**At Present AM Peak (15:45 -18:45)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	21	0	398	12
B	34	1	0	0	79	0
C	453	17	77	0	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	22	0	421	13
B	36	1	0	0	84	0
C	479	19	81	0	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	22	0	421	13
B	36	1	0	0	84	0
C	479	19	81	0	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	24	0	454	15
B	39	1	0	0	90	0
C	517	21	88	0	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	24	0	454	15
B	39	1	0	0	90	0
C	517	21	88	0	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	26	0	490	17
B	42	1	0	0	97	0
C	558	24	95	0	0	0

**AM PEAK GENERATED TRAFFIC**  
**Site 9 - R106 - Golf Link Rd Priority Jn**  
**WITH CONSTRUCTION TRAFFIC**

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	24	0	454	15
B	39	1	0	0	110	1
C	517	21	88	1	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	24	0	454	15
B	39	1	0	0	110	1
C	517	21	88	1	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	26	0	490	17
B	42	1	0	0	109	1
C	558	24	95	1	0	0

**Traffic Calculations for GDD Addendum**  
**Site 10 - R106 - Station Rd Roundabout**  
**At Present AM Peak (08:00 - 09:00)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	265	16	207	4
B	186	9	0	0	81	1
C	305	4	179	6	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	280	18	219	4
B	197	10	0	0	86	1
C	323	4	189	7	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	280	18	219	4
B	197	10	0	0	86	1
C	323	4	189	7	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	303	20	236	5
B	212	11	0	0	92	1
C	348	5	204	8	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	303	20	236	5
B	212	11	0	0	92	1
C	348	5	204	8	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	326	23	255	6
B	229	13	0	0	100	1
C	376	6	220	9	0	0

**AM PEAK GENERATED TRAFFIC**  
**Site 10 - R106 - Station Rd Roundabout**  
**WITH CONSTRUCTION TRAFFIC**

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	303	20	256	5
B	212	12	0	0	92	2
C	348	5	204	9	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	303	20	256	5
B	212	12	0	0	92	2
C	348	5	204	9	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	326	23	255	6
B	229	13	0	0	100	2
C	388	6	220	9	0	0

**Traffic Calculations for GDD Addendum**  
**Site 10 - R106 - Station Rd Roundabout**  
**At Present AM Peak (16:00 - 17:00)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	1	0	262	5	198	1
B	294	13	0	0	150	0
C	234	3	134	3	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	1	0	277	6	209	1
B	311	14	0	0	159	0
C	248	3	142	3	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	1	0	277	6	209	1
B	311	14	0	0	159	0
C	248	3	142	3	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	1	0	299	6	226	1
B	336	16	0	0	171	0
C	267	4	153	4	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	1	0	299	6	226	1
B	336	16	0	0	171	0
C	267	4	153	4	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	1	0	323	7	244	1
B	362	19	0	0	185	0
C	288	4	165	4	0	0

**AM PEAK GENERATED TRAFFIC**  
**Site 10 - R106 - Station Rd Roundabout**  
**WITH CONSTRUCTION TRAFFIC**

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	1	0	299	7	226	1
B	336	17	0	0	171	1
C	287	4	153	5	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	1	0	299	7	226	1
B	336	17	0	0	171	1
C	287	4	153	5	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	1	0	323	7	256	1
B	362	19	0	0	185	1
C	288	4	165	5	0	0

**Traffic Calculations for GDD Addendum**  
**Site 11 - Snugborough Rd - Aquatic Centre Signalised Jn**  
**At Present AM Peak (07:45 - 08:45)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	42	2	386	246
B	30	0	0	0	49	0
C	610	110	87	0	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	44	3	408	271
B	32	0	0	0	52	0
C	645	122	92	0	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	44	3	408	271
B	32	0	0	0	52	0
C	645	122	92	0	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	48	3	441	309
B	34	0	0	0	56	0
C	696	138	99	0	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	48	3	441	309
B	34	0	0	0	56	0
C	696	138	99	0	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	52	3	475	351
B	37	0	0	0	60	0
C	751	158	107	0	0	0

**AM PEAK GENERATED TRAFFIC**

**Site 11 - Snugborough Rd - Aquatic Centre Signalised Jn**  
**WITH CONSTRUCTION TRAFFIC**

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	48	3	441	311
B	34	0	0	0	56	0
C	699	140	99	0	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	48	3	441	311
B	34	0	0	0	56	1
C	699	140	107	1	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	52	3	475	353
B	37	0	0	0	60	1
C	754	160	115	1	0	0

**Traffic Calculations for GDD Addendum**  
**Site 11 - Snugborough Rd - Aquatic Centre Signalised Jn**  
**At Present AM Peak (17:00 - 18:00)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	70	0	605	99
B	83	0	0	0	221	0
C	192	89	164	0	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	74	0	640	109
B	88	0	0	0	234	0
C	203	76	174	0	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	74	0	640	109
B	88	0	0	0	234	0
C	203	76	174	0	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	80	0	691	124
B	95	0	0	0	252	0
C	219	87	187	0	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	80	0	691	124
B	95	0	0	0	252	0
C	219	87	187	0	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	85	0	745	141
B	102	0	0	0	272	0
C	236	98	202	0	0	0

**AM PEAK GENERATED TRAFFIC**

**Site 11 - Snugborough Rd - Aquatic Centre Signalised Jn**  
**WITH CONSTRUCTION TRAFFIC**

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	80	0	694	126
B	95	0	0	0	252	0
C	219	89	187	0	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	80	0	694	126
B	95	0	0	0	260	1
C	219	89	187	1	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	86	0	748	143
B	102	0	0	0	280	1
C	236	100	202	1	0	0

**Traffic Calculations for GDD Addendum**  
**Site 12 - Snugborough Rd - Existing Gateway Priority Jn**  
**At Present AM Peak (08:00 - 09:00)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	11	1	432	107
B	3	0	0	0	0	0
C	631	50	1	0	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	12	1	457	118
B	3	0	0	0	0	0
C	668	55	1	0	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	12	1	457	118
B	3	0	0	0	0	0
C	668	55	1	0	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	13	1	493	134
B	3	0	0	0	0	0
C	720	63	1	0	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	13	1	493	134
B	3	0	0	0	0	0
C	720	63	1	0	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	14	1	532	153
B	4	0	0	0	0	0
C	777	71	1	0	0	0

**AM PEAK GENERATED TRAFFIC**

**Site 12 - Snugborough Rd - Existing Gateway Priority Jn**

**WITH CONSTRUCTION TRAFFIC**

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	13	1	493	136
B	3	0	0	0	0	0
C	720	65	1	0	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	13	1	493	136
B	3	0	0	0	0	0
C	724	65	1	0	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	14	1	532	155
B	4	0	0	0	0	0
C	781	73	1	0	0	0



**Traffic Calculations for GDD Addendum**  
**Site 12 - Snugborough Rd - Existing Gateway Priority Jn**  
**At Present PM Peak (16:00 - 17:00)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	4	0	691	61
B	7	0	0	0	0	0
C	299	43	0	0	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	4	0	731	66
B	7	0	0	0	0	0
C	316	47	0	0	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	4	0	731	66
B	7	0	0	0	0	0
C	316	47	0	0	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	5	0	799	64
B	8	0	0	0	0	0
C	341	54	0	0	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	5	0	799	64
B	8	0	0	0	0	0
C	341	54	0	0	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	5	0	851	73
B	9	0	0	0	0	0
C	368	61	0	0	0	0

**AM PEAK GENERATED TRAFFIC**

**Site 12 - Snugborough Rd - Existing Gateway Priority Jn**

**WITH CONSTRUCTION TRAFFIC**

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	5	0	799	66
B	8	0	0	0	0	0
C	345	56	0	0	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	5	0	799	66
B	8	0	0	0	0	0
C	341	56	0	0	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	5	0	855	75
B	9	0	0	0	0	0
C	368	63	0	0	0	0

**Traffic Calculations for GDD Addendum**  
**Site A - Proposed Junction Exit Only onto Clonsaugh Road Priority Jn**  
**At Present AM Peak (08:00 - 09:00)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	296	36
B	0	0	0	0	0	0
C	156	28	0	0	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	313	40
B	0	0	0	0	0	0
C	165	31	0	0	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	313	40
B	0	0	0	0	0	0
C	165	31	0	0	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	338	45
B	0	0	0	0	0	0
C	178	35	0	0	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	338	45
B	0	0	0	0	0	0
C	178	35	0	0	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	365	51
B	0	0	0	0	0	0
C	192	40	0	0	0	0

**AM PEAK GENERATED TRAFFIC**

**Site A - Proposed Junction Exit Only onto Clonsaugh Road Priority Jn**  
**WITH CONSTRUCTION TRAFFIC**

**2025 - Year of Phase 1 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	313	40
B	0	0	0	0	0	7
C	165	31	0	0	0	0

**2025 - Year of Phase 2 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	313	40
B	0	0	0	0	0	6
C	165	31	0	0	0	0

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	338	45
B	0	0	0	0	0	6
C	178	35	0	0	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	338	45
B	0	0	0	0	0	6
C	178	35	0	0	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	365	51
B	0	0	0	0	0	6
C	192	40	0	0	0	0

**Traffic Calculations for GDD Addendum**  
**Site A - Proposed Junction Exit Only onto Clonsaugh Road Priority Jn**  
**At Present PM Peak (16:00 - 17:00)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	286	21
B	0	0	0	0	0	0
C	428	25	0	0	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	303	23
B	0	0	0	0	0	0
C	453	28	0	0	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	303	23
B	0	0	0	0	0	0
C	453	28	0	0	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	326	26
B	0	0	0	0	0	0
C	489	31	0	0	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	326	26
B	0	0	0	0	0	0
C	489	31	0	0	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	352	30
B	0	0	0	0	0	0
C	527	36	0	0	0	0

**AM PEAK GENERATED TRAFFIC**

**Site A - Proposed Junction Exit Only onto Clonsaugh Road Priority Jn**

**WITH CONSTRUCTION TRAFFIC**

**2025 - Year of Phase 1 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	303	23
B	0	0	0	0	77	7
C	453	28	0	0	0	0

**2025 - Year of Phase 2 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	303	23
B	0	0	0	0	66	6
C	453	28	0	0	0	0

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	326	26
B	0	0	0	0	66	6
C	489	31	0	0	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	326	26
B	0	0	0	0	66	6
C	489	31	0	0	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	352	30
B	0	0	0	0	66	6
C	527	36	0	0	0	0

**Traffic Calculations for GDD Addendum**  
**Site B Proposed Junction onto R139 (Entry Only)**  
**At Present AM Peak (08:00 - 09:00)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	0	977
B	0	0	0	0	0	0
C	1181	104	0	0	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	0	1034
B	0	0	0	0	0	0
C	1249	115	0	0	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	0	1034
B	0	0	0	0	0	0
C	1249	115	0	0	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	0	1115
B	0	0	0	0	0	0
C	1348	130	0	0	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	0	1115
B	0	0	0	0	0	0
C	1348	130	0	0	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	0	1203
B	0	0	0	0	0	0
C	1455	148	0	0	0	0

**AM PEAK GENERATED TRAFFIC**  
**Site B Proposed Junction onto R139 (Entry Only)**  
**WITH CONSTRUCTION TRAFFIC**

**2025 - Year of Phase 1 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	77	7	0	1034
B	0	0	0	0	0	0
C	1249	115	0	0	0	0

**2025 - Year of Phase 2 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	66	6	0	1089
B	0	0	0	0	0	0
C	1249	117	0	0	0	0

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	66	6	0	1146
B	0	0	0	0	0	0
C	1348	133	0	0	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	66	6	0	1146
B	0	0	0	0	0	0
C	1348	133	0	0	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	66	6	0	1226
B	0	0	0	0	0	0
C	1455	150	0	0	0	0

**Traffic Calculations for GDD Addendum**  
**Site B Proposed Junction onto R139 (Entry Only)**  
**At Present PM Peak (17:00 - 18:00)**

**Seasonally Adjusted 2022**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1199	156
B	0	0	0	0	0	0
C	1432	355	0	0	0	0

**2025 - Year of Phase 1**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1269	172
B	0	0	0	0	0	0
C	1515	392	0	0	0	0

**2025 - Year of Phase 2**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		3	3
<b>Growth Factor</b>		<b>1.058</b>	<b>1.102</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1269	172
B	0	0	0	0	0	0
C	1515	392	0	0	0	0

**2026 - Year of Phase 3**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1369	196
B	0	0	0	0	0	0
C	1635	446	0	0	0	0

**2026 - Year of Phase 4**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		4	4
<b>Growth Factor</b>		<b>1.079</b>	<b>1.138</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1369	196
B	0	0	0	0	0	0
C	1635	446	0	0	0	0

**2027 - Year of Phase 5**

<b>Dublin</b>		<b>LGV</b>	<b>HGV</b>
2006 - 2025 index		1.0191	1.0328
Years		5	5
<b>Growth Factor</b>		<b>1.099</b>	<b>1.175</b>

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1477	223
B	0	0	0	0	0	0
C	1764	507	0	0	0	0

**AM PEAK GENERATED TRAFFIC**  
**Site B Proposed Junction onto R139 (Entry Only)**  
**WITH CONSTRUCTION TRAFFIC**

**2025 - Year of Phase 1 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	7	1269	172
B	0	0	0	0	0	0
C	1515	392	0	0	0	0

**2025 - Year of Phase 2 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	6	1269	175
B	0	0	0	0	0	0
C	1550	394	0	0	0	0

**2026 - Year of Phase 3 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	6	1369	199
B	0	0	0	0	0	0
C	1666	448	0	0	0	0

**2026 - Year of Phase 4 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	6	1369	199
B	0	0	0	0	0	0
C	1666	448	0	0	0	0

**2027 - Year of Phase 5 + Construction Traffic**

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	6	1477	225
B	0	0	0	0	0	0
C	1787	509	0	0	0	0

**Traffic Calculations for GDD Project**  
**Site 1 - Clonsaugh Road - Hotel Access Roundabout**  
**At Present AM Peak (08:30 - 09:30)**

*Seasonally Adjusted 2022*

**2029 - Year of Opening**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	7	7	
<b>Growth Factor</b>	<b>1.142</b>	<b>1.253</b>	

**2034 (5 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<b>Growth Factor</b>	<b>1.163</b>	<b>1.295</b>	

**2044(15 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<b>Growth Factor</b>	<b>1.163</b>	<b>1.295</b>	

**2034 (5 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	4	4	
<b>Growth Factor</b>	<b>1.035</b>	<b>1.071</b>	

**2044 (15 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	10	10	
<b>Growth Factor</b>	<b>1.090</b>	<b>1.186</b>	

**Combined Factors**      1.204    1.387

**2044 (15 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2040 - 2050 index	1.0093	1.0256	
Years	4	4	
<b>Growth Factor</b>	<b>1.038</b>	<b>1.106</b>	
<b>Combined Factors</b>	<b>1.316</b>	<b>1.699</b>	

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	27	2	105	16	2	0
B	17	0	0	2	323	3	10	0
C	120	24	151	8	4	2	52	6
D	10	2	12	2	49	6	0	0

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	31	3	119	20	2	0
B	19	0	0	2	369	4	11	0
C	137	30	172	10	5	2	59	7
D	11	2	14	3	56	7	0	0

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	33	3	126	22	2	0
B	20	0	0	2	388	4	12	0
C	145	34	181	12	5	2	62	8
D	11	2	14	3	59	8	0	0

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	36	4	138	27	3	0
B	22	0	0	3	425	5	13	0
C	158	41	198	14	5	3	68	9
D	13	3	16	3	64	9	0	0

**AM PEAK GENERATED TRAFFIC**

*Site 1 - Clonsaugh Road - Hotel Access Roundabout*  
**WITH DEVELOPMENT**

**2029 - Year of Opening + Development**

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	31	3	119	20	2	0
B	19	0	0	2	374	6	11	0
C	137	30	172	10	5	2	59	7
D	11	2	14	3	56	7	0	0

**2034 (5 Years after Opening) + Development**

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	33	3	126	22	2	0
B	20	0	0	2	393	6	12	0
C	145	34	181	12	5	2	62	8
D	11	2	14	3	59	8	0	0

**2044 (15 Years after Opening) + Development**

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	36	4	138	27	3	0
B	22	0	0	3	430	7	13	0
C	158	41	198	14	5	3	68	9
D	13	3	16	3	64	9	0	0

**Traffic Calculations for GDD Project**  
**Site 1 - Clonsaugh Road - Hotel Access Roundabout**  
**At Present PM Peak (17:15 - 18:15)**

*Seasonally Adjusted 2022*

**2029 - Year of Opening**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	7	7	
<b>Growth Factor</b>	<b>1.142</b>	<b>1.253</b>	

**2034 (5 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<b>Growth Factor</b>	<b>1.163</b>	<b>1.295</b>	

**2044(15 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<b>Growth Factor</b>	<b>1.163</b>	<b>1.295</b>	

**2034 (5 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	4	4	
<b>Growth Factor</b>	<b>1.035</b>	<b>1.071</b>	

**2044(15 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	10	10	
<b>Growth Factor</b>	<b>1.090</b>	<b>1.186</b>	

**Combined Factors**      1.204    1.387

**2044(15 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2040 - 2050 index	1.0093	1.0256	
Years	4	4	
<b>Growth Factor</b>	<b>1.038</b>	<b>1.106</b>	

**Combined Factors**      1.316    1.699

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	43	0	93	15	1	0
B	20	2	0	0	248	6	7	0
C	100	8	327	3	3	2	56	2
D	5	0	12	0	47	2	1	0

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	49	0	106	18	1	0
B	23	2	0	0	283	8	8	0
C	114	11	373	4	3	2	64	3
D	6	0	14	0	54	3	1	0

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	51	0	112	20	1	0
B	24	2	0	0	299	8	8	0
C	120	12	393	4	4	2	67	3
D	6	0	14	0	57	3	1	0

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	56	0	122	25	1	0
B	26	3	0	0	326	10	9	0
C	131	14	430	5	4	3	74	3
D	7	0	16	0	62	3	1	0

**AM PEAK GENERATED TRAFFIC**  
**Site 1 - Clonsaugh Road - Hotel Access Roundabout**  
**WITH DEVELOPMENT**

**2029 - Year of Opening + Development**

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	49	0	106	18	1	0
B	23	2	0	0	308	10	8	0
C	114	11	373	4	3	2	64	3
D	6	0	14	0	54	3	1	0

**2034 (5 Years after Opening) + Development**

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	51	0	112	20	1	0
B	24	2	0	0	324	10	8	0
C	120	12	393	4	4	2	67	3
D	6	0	14	0	57	3	1	0

**2044 (15 Years after Opening) + Development**

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	1	0	56	0	122	25	1	0
B	26	3	0	0	351	12	9	0
C	131	14	430	5	4	3	74	3
D	7	0	16	0	62	3	1	0

**Traffic Calculations for GDD Project**  
**Site 2 - N32 - Clonshaugh Road - Roundabout**  
**At Present AM Peak (07:30 - 08:30)**

Seasonally Adjusted 2022

**2029 - Year of Opening**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	7	7	
<b>Growth Factor</b>	<b>1.142</b>	<b>1.253</b>	

**2034 (5 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<b>Growth Factor</b>	<b>1.163</b>	<b>1.295</b>	

**2044(15 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<b>Growth Factor</b>	<b>1.163</b>	<b>1.295</b>	

**2034 (5 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	4	4	
<b>Growth Factor</b>	<b>1.035</b>	<b>1.071</b>	

**2044(15 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	10	10	
<b>Growth Factor</b>	<b>1.090</b>	<b>1.186</b>	

**Combined Factors**      1.204    1.387

**2044(15 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2040 - 2050 index	1.0093	1.0256	
Years	4	4	
<b>Growth Factor</b>	<b>1.038</b>	<b>1.106</b>	
<b>Combined Factors</b>	<b>1.316</b>	<b>1.699</b>	

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	215	14	0	0	210	22
B	125	8	17	2	0	0	1865	146
C	0	0	0	0	0	0	0	0
D	120	15	1954	117	0	0	2	0

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	245	17	0	0	240	27
B	142	10	19	3	0	0	2130	183
C	0	0	0	0	0	0	0	0
D	137	19	2231	146	0	0	2	0

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	258	19	0	0	253	30
B	150	12	20	3	0	0	2245	202
C	0	0	0	0	0	0	0	0
D	144	21	2352	162	0	0	2	0

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	283	23	0	0	276	37
B	164	14	22	4	0	0	2454	247
C	0	0	0	0	0	0	0	0
D	158	26	2571	199	0	0	3	0

**AM PEAK GENERATED TRAFFIC**

**Site 2 - N32 - Clonshaugh Road - Roundabout**  
**WITH DEVELOPMENT**

**2029 - Year of Opening + Development**

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	245	17	0	0	245	29
B	142	10	19	3	0	0	2130	183
C	0	0	0	0	0	0	0	0
D	137	19	2256	148	0	0	2	0

**2034 (5 Years after Opening) + Development**

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	258	19	0	0	258	32
B	150	12	20	3	0	0	2245	202
C	0	0	0	0	0	0	0	0
D	144	21	2377	164	0	0	2	0

**2044 (15 Years after Opening) + Development**

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	283	23	0	0	281	39
B	164	14	22	4	0	0	2454	247
C	0	0	0	0	0	0	0	0
D	158	26	2596	201	0	0	3	0



**Traffic Calculations for GDD Project**  
**Site 2 - N32 - Clonsaugh Road - Roundabout**  
**At Present PM Peak (16:15 - 17:15)**

Seasonally Adjusted 2022

**2029 - Year of Opening**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	7	7	
<b>Growth Factor</b>	<b>1.142</b>	<b>1.253</b>	

**2034 (5 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<b>Growth Factor</b>	<b>1.163</b>	<b>1.295</b>	

**2044(15 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<b>Growth Factor</b>	<b>1.163</b>	<b>1.295</b>	

**2034 (5 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	4	4	
<b>Growth Factor</b>	<b>1.035</b>	<b>1.071</b>	

**2044(15 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	10	10	
<b>Growth Factor</b>	<b>1.090</b>	<b>1.186</b>	

**Combined Factors**      1.204    1.387

**2044(15 Years after Opening)**

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2040 - 2050 index	1.0093	1.0256	
Years	4	4	
<b>Growth Factor</b>	<b>1.038</b>	<b>1.106</b>	
<b>Combined Factors</b>	<b>1.316</b>	<b>1.699</b>	

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	216	9	0	0	167	18
B	267	5	25	0	0	0	1938	136
C	0	0	0	0	0	0	0	0
D	192	10	1891	89	0	0	3	2

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	246	11	0	0	190	22
B	305	7	29	0	0	0	2213	170
C	0	0	0	0	0	0	0	0
D	219	12	2159	111	0	0	3	2

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	259	13	0	0	200	25
B	321	7	30	0	0	0	2332	188
C	0	0	0	0	0	0	0	0
D	231	13	2276	123	0	0	4	2

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	284	15	0	0	219	30
B	351	9	33	0	0	0	2549	231
C	0	0	0	0	0	0	0	0
D	252	16	2488	151	0	0	4	3

**AM PEAK GENERATED TRAFFIC**  
**Site 2 - N32 - Clonsaugh Road - Roundabout**  
**WITH DEVELOPMENT**

**2029 - Year of Opening + Development**

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	246	11	0	0	215	24
B	305	7	29	0	0	0	2213	170
C	0	0	0	0	0	0	0	0
D	219	12	2169	113	0	0	3	2

**2034 (5 Years after Opening) + Development**

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	259	13	0	0	225	27
B	321	7	30	0	0	0	2332	188
C	0	0	0	0	0	0	0	0
D	231	13	2286	125	0	0	4	2

**2044 (15 Years after Opening) + Development**

Route	A	HGV	B	HGV	C	HGV	D	HGV
A	0	0	284	15	0	0	244	32
B	351	9	33	0	0	0	2549	231
C	0	0	0	0	0	0	0	0
D	252	16	2498	153	0	0	4	3

**Traffic Calculations for GDD Project**  
**Site A - Proposed Junction onto Clonsaugh road (Exit Only) Priority Jn**  
**At Present AM Peak (08:00 - 09:00)**

Seasonally Adjusted 2022

2029 - Year of Opening

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	7	7	
<u>Growth Factor</u>	<b>1.142</b>	<b>1.253</b>	

2034 (5 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<u>Growth Factor</u>	<b>1.163</b>	<b>1.295</b>	

2044(15 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<u>Growth Factor</u>	<b>1.163</b>	<b>1.295</b>	

2034 (5 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	4	4	
<u>Growth Factor</u>	<b>1.035</b>	<b>1.071</b>	

2044(15 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	10	10	
<u>Growth Factor</u>	<b>1.090</b>	<b>1.186</b>	

Combined Factors

1.204 1.387

2044(15 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2040 - 2050 index	1.0093	1.0256	
Years	4	4	
<u>Growth Factor</u>	<b>1.038</b>	<b>1.106</b>	

Combined Factors

1.316 1.699

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	313	47
B	0	0	0	0	0	0
C	157	29	0	0	0	0

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	357	59
B	0	0	0	0	0	0
C	179	36	0	0	0	0

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	376	66
B	0	0	0	0	0	0
C	189	40	0	0	0	0

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	411	81
B	0	0	0	0	0	0
C	207	48	0	0	0	0

**AM PEAK GENERATED TRAFFIC**

Site A - Proposed Junction onto Clonsaugh road (Exit Only) Priority Jn  
WITH DEVELOPMENT

2029 - Year of Opening + Development

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	357	59
B	0	0	0	0	5	2
C	179	36	0	0	0	0

2034 (5 Years after Opening) + Development

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	376	66
B	0	0	0	0	5	2
C	189	40	0	0	0	0

2044 (15 Years after Opening) + Development

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	411	81
B	0	0	0	0	5	2
C	207	48	0	0	0	0

**Traffic Calculations for GDD Project**  
**Site A - Proposed Junction onto Clonsaugh road (Exit Only) Priority Jn**  
**At Present PM Peak (17:00 - 18:00)**

Seasonally Adjusted 2016

2029 - Year of Opening

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	7	7	
<u>Growth Factor</u>	<b>1.142</b>	<b>1.253</b>	

2034 (5 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<u>Growth Factor</u>	<b>1.163</b>	<b>1.295</b>	

2044(15 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<u>Growth Factor</u>	<b>1.163</b>	<b>1.295</b>	

2034 (5 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	4	4	
<u>Growth Factor</u>	<b>1.035</b>	<b>1.071</b>	

2044(15 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	10	10	
<u>Growth Factor</u>	<b>1.090</b>	<b>1.186</b>	

Combined Factors

1.204 1.387

2044(15 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2040 - 2050 index	1.0093	1.0256	
Years	4	4	
<u>Growth Factor</u>	<b>1.038</b>	<b>1.106</b>	

Combined Factors

1.316 1.699

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	242	45
B	0	0	0	0	0	0
C	302	27	0	0	0	0

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	276	56
B	0	0	0	0	0	0
C	344	34	0	0	0	0

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	291	62
B	0	0	0	0	0	0
C	363	37	0	0	0	0

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	318	76
B	0	0	0	0	0	0
C	397	46	0	0	0	0

**AM PEAK GENERATED TRAFFIC**

**Site A - Proposed Junction onto Clonsaugh road (Exit Only) Priority Jn**  
**WITH DEVELOPMENT**

2029 - Year of Opening + Development

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	276	56
B	0	0	0	0	25	2
C	344	34	0	0	0	0

2034 (5 Years after Opening) + Development

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	291	62
B	0	0	0	0	25	2
C	363	37	0	0	0	0

2044 (15 Years after Opening) + Development

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	318	76
B	0	0	0	0	25	2
C	397	46	0	0	0	0

**Traffic Calculations for GDD Project**  
**Site B - Proposed Junction onto R139 (Entry Only) Priority Jn**  
**At Present AM Peak (08:00 - 09:00)**

Seasonally Adjusted 2022

2029 - Year of Opening

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	7	7	
<u>Growth Factor</u>	<u>1.142</u>	<u>1.253</u>	

2034 (5 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<u>Growth Factor</u>	<u>1.163</u>	<u>1.295</u>	

2044(15 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<u>Growth Factor</u>	<u>1.163</u>	<u>1.295</u>	

2034 (5 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	4	4	
<u>Growth Factor</u>	<u>1.035</u>	<u>1.071</u>	

2044(15 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	10	10	
<u>Growth Factor</u>	<u>1.090</u>	<u>1.186</u>	

Combined Factors

1.204 1.387

2044(15 Years after Opening)

	<u>Dublin</u>	<u>LGV</u>	<u>HGV</u>
2040 - 2050 index	1.0093	1.0256	
Years	4	4	
<u>Growth Factor</u>	<u>1.038</u>	<u>1.106</u>	

Combined Factors

1.316 1.699

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1137	153
B	0	0	0	0	0	0
C	1536	243	0	0	0	0

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1298	191
B	0	0	0	0	0	0
C	1754	304	0	0	0	0

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1368	212
B	0	0	0	0	0	0
C	1848	336	0	0	0	0

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1495	259
B	0	0	0	0	0	0
C	2020	412	0	0	0	0

**AM PEAK GENERATED TRAFFIC**

**Site B - Proposed Junction onto R139 (Entry Only) Priority Jn**  
**WITH DEVELOPMENT**

2029 - Year of Opening + Development

Route	A	HGV	B	HGV	C	HGV
A	0	0	25	2	1298	191
B	0	0	0	0	0	0
C	1754	304	0	0	0	0

2034 (5 Years after Opening) + Development

Route	A	HGV	B	HGV	C	HGV
A	0	0	25	2	1368	212
B	0	0	0	0	0	0
C	1848	336	0	0	0	0

2044 (15 Years after Opening) + Development

Route	A	HGV	B	HGV	C	HGV
A	0	0	25	2	1495	259
B	0	0	0	0	0	0
C	2020	412	0	0	0	0

**Traffic Calculations for GDD Project**  
**Site B - Proposed Junction onto R139 (Entry Only) Priority Jn**  
**At Present PM Peak (17:00 - 18:00)**

Seasonally Adjusted 2022

2029 - Year of Opening

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	7	7	
<b>Growth Factor</b>	<b>1.142</b>	<b>1.253</b>	

2034 (5 Years after Opening)

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<b>Growth Factor</b>	<b>1.163</b>	<b>1.295</b>	

2044(15 Years after Opening)

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2016 - 2030 index	1.0191	1.0328	
Years	8	8	
<b>Growth Factor</b>	<b>1.163</b>	<b>1.295</b>	

2034 (5 Years after Opening)

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	4	4	
<b>Growth Factor</b>	<b>1.035</b>	<b>1.071</b>	

2044(15 Years after Opening)

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2030 - 2040 index	1.0087	1.0172	
Years	10	10	
<b>Growth Factor</b>	<b>1.090</b>	<b>1.186</b>	

Combined Factors

<b>1.204</b>	<b>1.387</b>
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2044(15 Years after Opening)

<u>Dublin</u>		<u>LGV</u>	<u>HGV</u>
2040 - 2050 index	1.0093	1.0256	
Years	4	4	
<b>Growth Factor</b>	<b>1.038</b>	<b>1.106</b>	

Combined Factors

<b>1.316</b>	<b>1.699</b>
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Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1199	156
B	0	0	0	0	0	0
C	1432	355	0	0	0	0

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1369	196
B	0	0	0	0	0	0
C	1635	445	0	0	0	0

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1443	217
B	0	0	0	0	0	0
C	1724	493	0	0	0	0

Route	A	HGV	B	HGV	C	HGV
A	0	0	0	0	1578	266
B	0	0	0	0	0	0
C	1884	604	0	0	0	0

**AM PEAK GENERATED TRAFFIC**

**Site B - Proposed Junction onto R139 (Entry Only) Priority Jn.**  
**WITH DEVELOPMENT**

2029 - Year of Opening + Development

Route	A	HGV	B	HGV	C	HGV
A	0	0	10	2	1369	196
B	0	0	0	0	0	0
C	1635	445	0	0	0	0

2034 (5 Years after Opening) + Development

Route	A	HGV	B	HGV	C	HGV
A	0	0	10	2	1443	217
B	0	0	0	0	0	0
C	1724	493	0	0	0	0

2044 (15 Years after Opening) + Development

Route	A	HGV	B	HGV	C	HGV
A	0	0	10	2	1578	266
B	0	0	0	0	0	0
C	1884	604	0	0	0	0