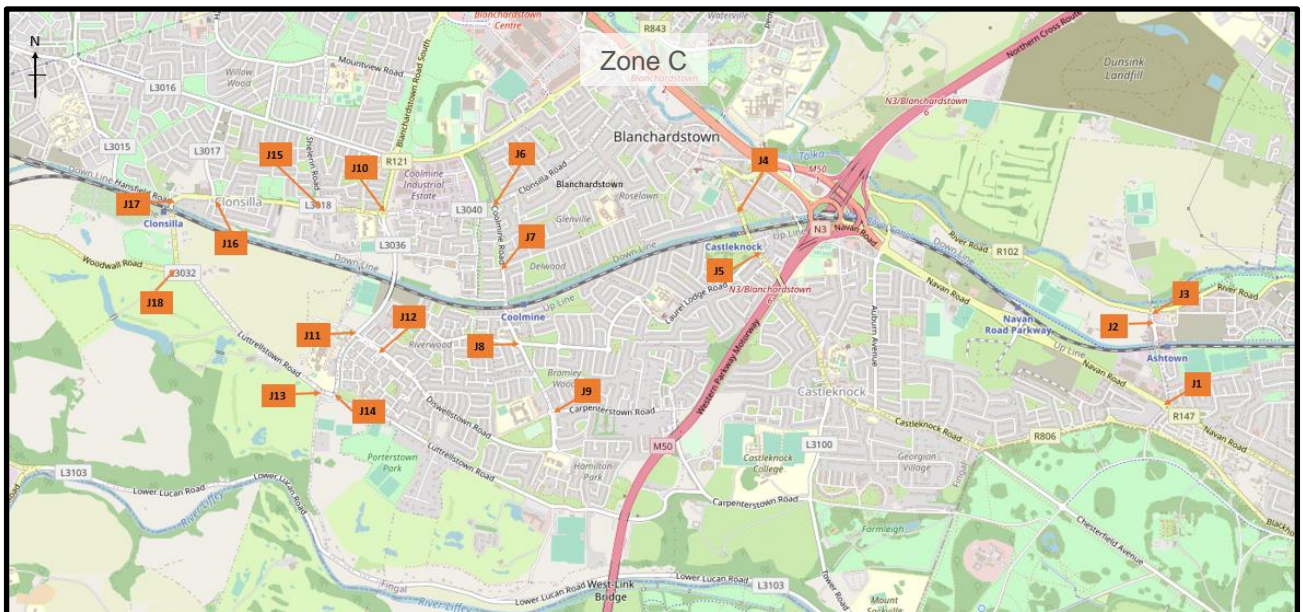
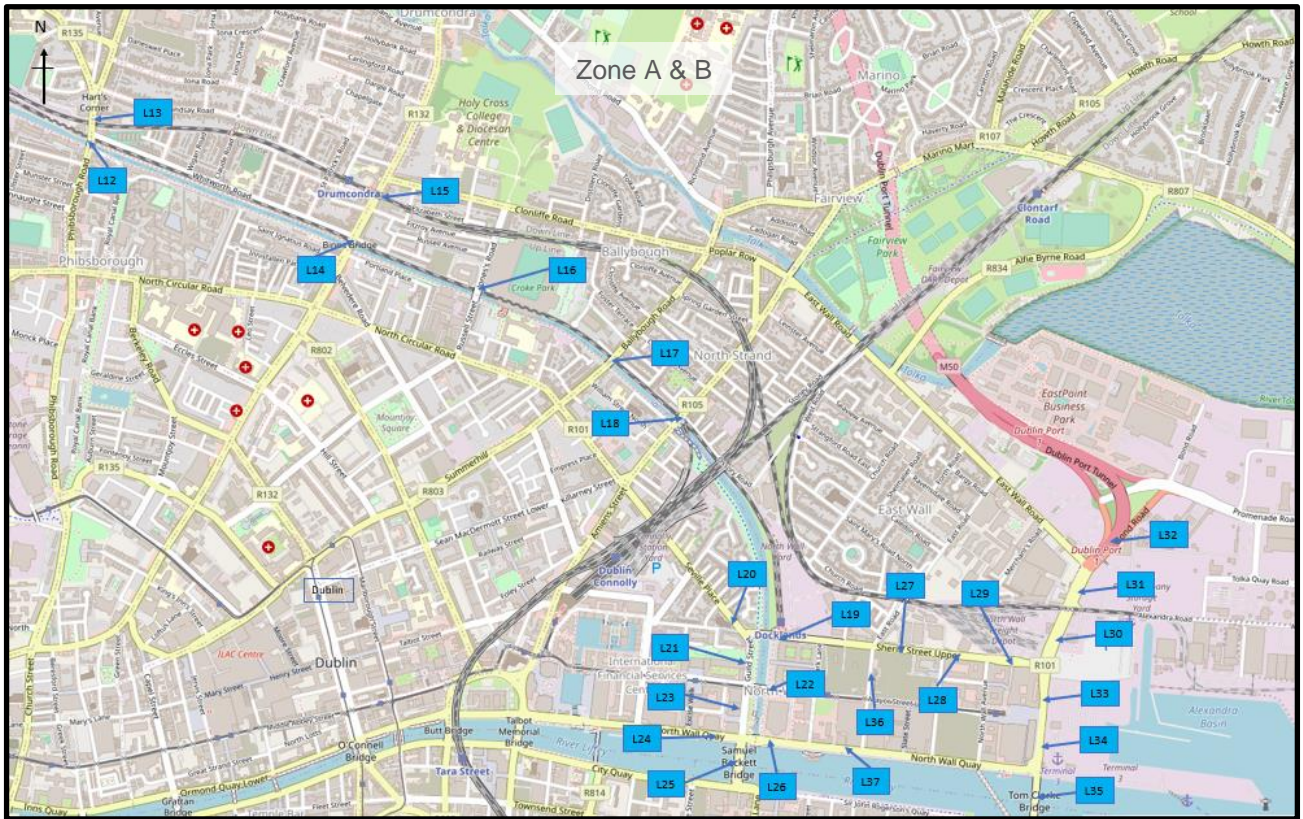


Appendix A6.1 Tables and Figures



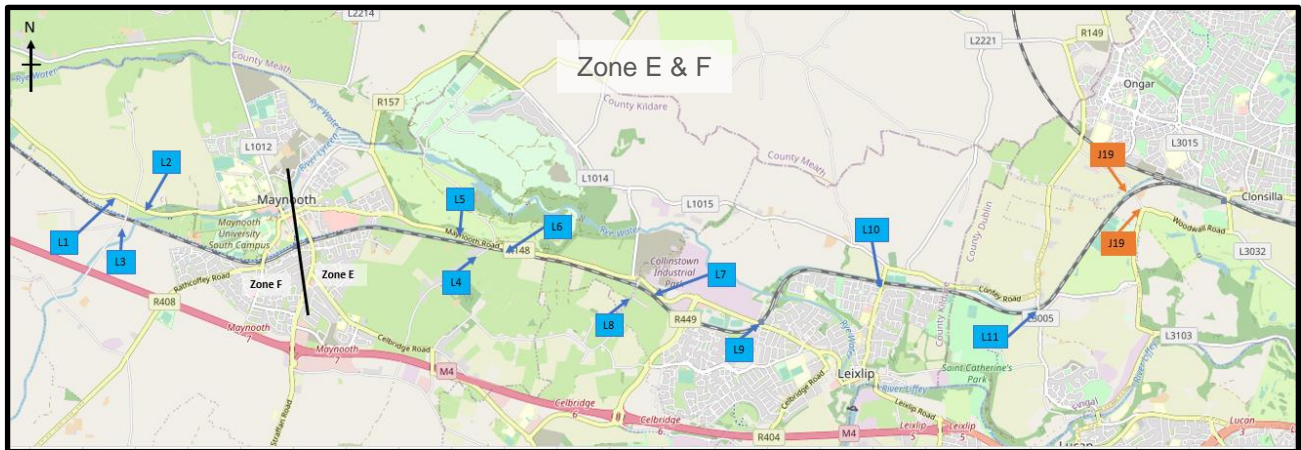


Figure A-1 Location of Traffic counts within each zone

Table A-1 shows morning (AM, 08:00-09:00) and evening (PM, 17:00-18:00) peak hour traffic flows for Light and Heavy Vehicles for links and junctions along the rail line.

Table A-1 Baseline Traffic Flows (2019)

Zone	Junction / Link	Approach	AM Peak			PM Peak		
			LV	HV	Total	LV	HV	Total
A/B	R108 North of Whitworth Road (L13)	Northbound	633	104	737	655	114	769
		Southbound	1209	135	1344	1246	90	1336
		Overall	1842	238	2080	1902	204	2106
A/B	Drumcondra Stop (L15)	Northbound	977	125	1102	851	92	943
		Southbound	998	89	1087	994	79	1073
		Overall	1975	213	2188	1845	171	2016
A/B	R108 South of Whitworth Road (L12)	Northbound	584	53	637	597	45	642
		Southbound	800	81	881	916	55	971
		Overall	1384	134	1518	1513	100	1613
A/B	Binn's Bridge South of Whitworth Road (L14)	Northbound	1084	167	1251	1131	153	1284
		Southbound	1524	137	1661	1147	111	1258
		Overall	2609	303	2912	2278	264	2542
A/B	Clonliffe Rail Bridge (L16)	Northbound	315	5	320	569	5	574
		Southbound	496	19	515	247	8	255
		Overall	811	24	835	816	13	829
A/B	Clark's Rail Bridge (L17)	Northbound	656	35	691	1391	16	1407
		Southbound	1959	32	1991	1170	22	1192
		Overall	2615	67	2682	2561	38	2599
A/B	Newcomen Rail Bridge – Strad Road (L18)	Northbound	419	104	523	1380	98	1478
		Southbound	1405	104	1509	753	97	850
		Overall	1824	208	2032	2133	195	2328
A/B	Sheriff Street (L19)	Eastbound	388	3	391	678	5	683
		Westbound	299	16	315	422	24	446
		Overall	687	19	706	1100	29	1129

Zone	Junction / Link	Approach	AM Peak			PM Peak		
			LV	HV	Total	LV	HV	Total
A/B	Seville Place (L20)	Northbound	566	48	614	650	25	675
		Southbound	598	57	655	599	17	616
		Overall	1165	104	1269	1248	43	1291
A/B	Guide Street (L21)	Northbound	893	48	941	893	21	914
		Southbound	773	64	837	586	32	618
		Overall	1666	112	1778	1480	53	1533
A/B	Mayor Street (L22)	Eastbound	92	0	92	26	0	26
		Westbound	211	33	244	241	8	249
		Overall	303	33	336	267	8	275
A/B	Guide Street (L23)	Northbound	973	44	1017	813	21	834
		Southbound	941	103	1044	882	42	924
		Overall	2014	147	2161	1696	62	1758
A/B	North Wall Quay West (L24)	Eastbound	368	130	498	664	166	830
		Westbound	288	190	478	296	126	422
		Overall	658	319	977	960	292	1252
A/B	Samuel Beckett Bridge (L25)	Northbound	972	57	1029	826	34	860
		Southbound	905	92	997	768	45	813
		Overall	1877	149	2026	1594	79	1673
A/B	North Wall Quay East (L26)	Eastbound	369	115	484	664	151	815
		Westbound	260	164	424	182	98	280
		Overall	629	279	908	846	249	1095
C	Navan Road / Ashtown Road (J1)	Ashtown Road	334	0	334	216	0	216
		Navan Road East	937	1	938	1039	1	1040
		Ashtown Gate Road	450	4	454	375	4	379
		Navan Road West	1236	1	1237	1104	2	1106
		Overall	2956	6	2962	2735	7	2742
C	Ashtown Road / Rathbourne Avenue (J2)	Ashtown Road North	188	0	188	57	0	57
		Rathbourne Avenue	138	6	144	157	2	159
		Ashtown Road South	111	4	115	129	4	133
		Overall	436	10	446	342	7	349
C	River Road / Ashtown Road (J3)	Dunsink Lane	62	6	68	51	2	53
		R102 River Road East	241	38	279	302	10	312
		Ashtown Road	84	0	84	67	8	75
		R102 River Road West	473	12	485	198	8	206
		Overall	860	55	915	617	29	646
C	R806 Castleknock Road / Roselawn Road (J4)	R806 Castleknock Road North	509	41	550	710	31	741
		R806 Castleknock Road South	570	21	591	505	27	532
		Roselawn Road	86	4	90	117	0	117
		Overall	1165	66	1231	1332	58	1390

Zone	Junction / Link	Approach	AM Peak			PM Peak		
			LV	HV	Total	LV	HV	Total
C	R806 Castleknock Road / Park Lodge (J5)	R806 Castleknock Road North	455	17	472	693	21	714
		R806 Castleknock Road South	383	24	407	657	36	693
		Park Lodge	695	57	752	347	4	351
		Overall	1533	98	1631	1697	61	1758
C	Clonsilla Road / Coolmine Road (J6)	Clonsilla Road East	406	7	413	524	0	524
		Coolmine Road	312	3	315	208	0	208
		Clonsilla Road West	711	7	718	638	2	640
		Overall	1430	17	1447	1371	2	1373
C	Coolmine Road / Dellwood Road (J7)	Coolmine Road North	228	2	230	270	0	270
		Dellwood Road	214	22	236	200	10	210
		Coolmine Road South	257	3	260	196	2	198
		Overall	700	27	727	666	12	678
C	Carpenterstown Road / Carpenterstown Park / Riverwood Distributor Road (J8)	Carpenterstown Road North	201	23	224	275	10	285
		Carpenterstown Park East	277	1	278	390	6	396
		Carpenterstown Road South	543	13	556	359	3	362
		Riverwood Distributor Road	420	22	398	153	1	154
		Overall	1419	59	1478	1177	20	1197
C	Carpenterstown Road / Diswellstown Road (J9)	Carpenterstown Road North	502	18	520	324	18	342
		Carpenters Road East	396	2	398	449	1	450
		Diswellstown Road	385	7	392	228	1	229
		Access Road	216	4	220	169	1	170
		Overall	1499	31	1530	1172	20	1192
C	Blanchardstown Road / Clonsilla Road / Diswellstown Road (J10)	Blanchardstown Road South	732	17	749	742	26	768
		Clonsilla Road East	284	5	289	574	0	574
		Diswellstown Road	831	8	839	826	5	831
		Clonsilla Road West	720	7	727	233	1	234
		Overall	2567	36	2603	2375	32	2407
C	Diswellstown Road / School Access (J11)	Diswellstown Road North	693	20	713	772	24	796
		Diswellstown Road East	512	8	520	360	4	364
		Unnamed Road	479	3	482	594	2	596
		School Access	143	0	143	35	3	38
		Overall	1829	30	1859	1760	34	1794
C	Riverwood Distributor Road / Diswellstown Road / Fernleigh Drive (J12)	Riverwood Distributor Road	260	3	263	246	5	251
		Diswellstown Road South	209	2	211	123	0	123
		Fernleigh Drive	152	2	154	117	1	118
		Diswellstown Road North	387	15	402	532	25	557
		Overall	1007	23	1030	1079	31	1048

Zone	Junction / Link	Approach	AM Peak			PM Peak		
			LV	HV	Total	LV	HV	Total
C	Bothar Bhaile an Phoirtearaigh / Rugged Lane (J13)	Bothar Bhaile an Phoirtearaigh East	310	3	313	486	1	487
		Rugged Lane	0	0	0	0	0	0
		Bothar Bhaile an Phoirtearaigh West	540	4	544	393	2	395
		Overall	849	8	857	878	3	881
C	Diswellstown Road / Bothar Bhaile an Phoirtearaigh (J14)	Diswellstown Road	430	7	437	403	1	404
		Bothar Bhaile an Phoirtearaigh East	199	0	199	414	1	415
		Bothar Bhaile an Phoirtearaigh West	540	4	544	393	2	395
		Overall	1169	11	1180	1210	4	1214
C	Clonsilla Road / Shelerin Road (J15)	Shelerin Road	110	1	111	76	1	77
		Clonsilla Road East	211	1	212	404	1	405
		Clonsilla Road West	611	6	617	284	1	285
		Overall	932	8	940	763	3	766
C	Clonsilla Road / Clonsilla Link Road (J16)	Clonsilla Link Road	32	0	32	0	0	0
		Clonsilla Road East	174	1	175	420	1	421
		Clonsilla Road West	580	7	587	274	1	275
		Overall	786	8	794	694	3	697
C	R121 Larch Grove / R121 Clonsilla Road (J17)	Access	0	0	0	0	0	0
		R121 Larch Grove	145	0	145	181	1	182
		R121 Clonsilla Road	30	2	32	133	1	134
		Unnamed Road	540	5	545	166	0	0
		Overall	714	8	722	480	2	482
C	R121 / Porterstown Road (J18)	R121 North	98	1	99	43	0	43
		Porterstown Road	310	3	313	486	1	487
		Unnamed Road	8	0	8	3	0	3
		R121 West	534	5	539	491	3	494
		Overall	949	10	959	1023	4	1027
E	R121 / Barberstown (J19)	Barberstown Lane	123	0	123	32	0	32
		R121 East	331	3	334	514	1	515
		R121 South	329	5	334	512	3	515
		Overall	879	8	887	1030	4	1034
E	Unnamed Road (Barberstown) (J20)	Unnamed Road East	58	0	58	30	0	30
		Unnamed Road South	24	1	25	48	0	48
		Unnamed Road West	74	0	74	12	0	12
		Overall	157	1	158	90	0	90
E	Pike Bridge (L4)	Northbound	378	20	398	103	2	105
		Southbound	105	27	133	349	22	371
		Overall	484	47	531	453	24	477

Zone	Junction / Link	Approach	AM Peak			PM Peak		
			LV	HV	Total	LV	HV	Total
E	R148 West (L5)	Eastbound	591	80	671	320	49	369
		Westbound	490	58	548	888	24	912
		Overall	1080	139	1219	1208	73	1281
E	R148 East (L6)	Eastbound	727	57	784	255	28	283
		Westbound	352	44	396	1069	23	1092
		Overall	1078	102	1180	1323	51	1374
E	R148 Leixlip (L7)	Eastbound	1261	57	1318	293	27	320
		Westbound	865	44	909	1106	23	1129
		Overall	2126	101	2227	1399	50	1449
E	R148 Luisa Bridge (L9)	Eastbound	258	23	281	833	21	854
		Westbound	886	23	909	206	18	224
		Overall	1144	46	1190	1039	38	1078
E	R148 Leixlip Confey (L10)	Northbound	222	4	226	673	6	679
		Southbound	400	4	404	560	5	565
		Overall	623	7	630	1233	11	1244
E	R148 Collins Rail Bridge (L11)	Northbound	224	30	254	781	10	791
		Southbound	586	0	586	0	381	381
		Overall	811	30	841	1162	10	1172
F	R148 (L1)	Eastbound	485	7	492	108	4	112
		Westbound	142	4	146	571	5	576
		Overall	626	12	638	679	9	688
F	Jackson's Bridge (L2)	Northbound	286	1	287	61	1	62
		Southbound	118	2	120	336	0	336
		Overall	405	2	407	397	1	398
F	R148 (L3)	Eastbound	729	8	737	143	5	148
		Westbound	221	5	226	882	5	887
		Overall	950	13	963	1025	10	1035

Table A-2 Station Summary

Zone	Station	Facilities	Car Parking	Cycle Parking
A	Connolly	<p>Located in Dublin city centre</p> <p>Credit card facilities, ATMs, Toilets, Wi-Fi,</p> <p>Refreshments and shops</p> <p>Ticket vending machines and smart card enabled</p> <p>Ramps and lifts provided</p> <p>Staffed:</p> <p>Monday to Saturday – 0515-0030</p> <p>Sunday – 0700-0030</p> <p>Booking Office:</p> <p>Monday to Saturday – 0630-1900</p> <p>Sunday – 0830-1900</p>	On Street Parking	120 spaces

Zone	Station	Facilities	Car Parking	Cycle Parking
B	Docklands	Located 10 min walk from Dublin city centre Ticket vending machines and smart card enabled Unmanned	None on site	None on site
B	Drumcondra	Ticket vending machine and smart card enabled Step free access, lifts provided to both platforms Booking Office: Monday to Sunday – 0700-2330 Public Holidays – 0900-2100	None on site	None on site
C	Broombridge	Ticket vending machine and smart card enabled (Leap cards) Step free access	None on site	None on site
C	Pelletstown	Ticket vending machine and smart card enabled (Leap cards) Step free access	None on site	Available
C	Ashtown	Ticket vending machine and smart card enabled Step free access, ramps provided to platforms Booking Office: Monday to Friday – 0630-1600	None on site	Available
C	Navan Road Parkway	Ticket vending machine and smart card enabled Step free access with lifts to platforms	103 spaces	15 spaces
C	Castleknock	Ticket vending machine and smart card enabled Step free access Staffed: Monday to Saturday – 0600-2330 Booking Office: Monday to Friday – 0630-1300	None on site	Available
C	Coolmine	Ticket vending machine and smart card enabled Step free access Staffed: Monday to Friday – 0630-1030 Wednesday & Thursday – 1530-1830	170 spaces	19 spaces
C	Clonsilla	Ticket vending machine and smart card enabled Step free access with ramps and lifts Booking office: Monday to Friday – 0600-1400	None on site	30 spaces
D	Hansfield	Ticket vending machine and smart card enabled Step free access with ramps and lifts Booking office: Monday to Friday – 0630-1500	None on site 60 spaces on roadside	30 spaces
D	Dunboyne	Ticket vending machine and smart card enabled Step free access Staffed: Monday to Friday – 0600-1430	300 spaces 20 disabled spaces	30 spaces
D	M3 Parkway	Located at the M3 Parkway junction Ticket vending machines and smart card enabled Step free access across station Staffed: Monday to Friday – 0600-1430 Saturday – 0700-1700	1200 spaces	30 spaces

Zone	Station	Facilities	Car Parking	Cycle Parking
		Sunday – 0930-1700		
E	Leixlip Confey	Located to the north of the town adjacent to the canal Free Wi-Fi Ticket vending machines and smart card enabled Step free access across station Ramp provided to platform serving city centre Booking office available Monday to Friday – 0600-1300	29 spaces 1 disabled space	6 spaces
E	Leixlip Louisa Bridge	Located five minutes from Intel. CCTV, ticket vending machines and smart card enabled. Ramp and lift access to platforms	309 spaces 3 disabled spaces 2 EV spaces	16 spaces
E	Maynooth	Located five minutes from town centre. Free Wi-Fi Ticket vending machines and smart card enabled Step free access to platforms Booking office available Monday to Saturday – 0600-2315 Sunday and Public Holidays – 1000-2200	222 spaces 5 disabled spaces	15 spaces

Table A-3 Construction Impact 2028 – Traffic Flow Change

Zone	Junction	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
B	Newcomen Rail Bridge – Strad Road (L18)	Northbound	407	420	3%	1148	1169	2%
		Southbound	1172	1193	2%	661	674	2%
		Overall	1579	1613	2%	1809	1843	2%
B	Seville Place (L20)	Northbound	477	678	42%	524	706	35%
		Southbound	509	674	32%	479	443	-8%
		Overall	986	1352	37%	1003	1148	14%
B	Guide Street (L21)	Northbound	731	678	-7%	710	702	-1%
		Southbound	651	670	3%	481	443	-8%
		Overall	1382	1348	-2%	1191	1144	-4%
B	Mayor Street (L22)	Eastbound	72	85	19%	20	22	8%
		Westbound	190	199	5%	193	212	10%
		Overall	261	284	9%	214	234	10%
B	Guide Street (L23)	Northbound	790	738	-7%	648	646	0%
		Southbound	889	888	0%	718	710	-1%
		Overall	1679	1626	-3%	1366	1355	-1%
B	North Wall Quay West (L24)	Eastbound	387	379	-2%	645	580	-10%
		Westbound	372	332	-11%	328	336	2%
		Overall	759	711	-6%	973	916	-6%
B	Samuel Beckett Bridge (L25)	Northbound	800	738	-8%	669	649	-3%
		Southbound	775	769	-1%	632	609	-4%
		Overall	1575	1507	-4%	1300	1259	-3%

Zone	Junction	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
B	North Wall Quay East (L26)	Eastbound	376	383	2%	633	560	-12%
		Westbound	330	307	-7%	218	240	10%
		Overall	706	690	-2%	851	800	-6%
B	Sheriff Street Upper between 2168 and 2314 (L27)	Eastbound	159	172	8%	75	95	28%
		Westbound	55	75	35%	154	165	7%
		Overall	214	247	15%	228	260	14%
B	Sheriff Street Upper between 2314 and 2584 (L28)	Eastbound	99	111	13%	213	233	10%
		Westbound	92	112	21%	204	215	6%
		Overall	191	223	17%	417	449	8%
B	Sheriff Street Upper between 2584 and 2323 (L29)	Eastbound	89	106	19%	212	237	12%
		Westbound	125	149	19%	232	248	7%
		Overall	214	255	19%	444	485	9%
B	E Wall Rd between 2323 and 2254 (L30)	Northbound	1001	962	-4%	1288	1233	-4%
		Southbound	958	921	-4%	663	634	-4%
		Overall	1959	1883	-4%	1951	1866	-4%
B	E Wall Rd between 2254 and 2338 (L31)	Northbound	859	820	-5%	1202	1146	-5%
		Southbound	1123	1087	-3%	681	653	-4%
		Overall	1982	1907	-4%	1883	1799	-4%
B	M50 Port tunnel (L32)	Northbound	786	751	-4%	1194	1142	-4%
		Southbound	891	853	-4%	693	663	-4%
		Overall	1677	1604	-4%	1886	1805	-4%
B	E Wall Rd between 2323 and 2253 (L33)	Northbound	841	785	-7%	483	443	-8%
		Southbound	920	868	-6%	1132	1056	-7%
		Overall	1761	1653	-6%	1616	1499	-7%
B	E Wall Rd between 2253 and 2104 (L34)	Northbound	944	888	-6%	619	578	-7%
		Southbound	920	868	-6%	920	1056	15%
		Overall	1864	1756	-6%	1539	1634	6%
B	E Link Toll Bridge (L35)	Northbound	969	969	0%	443	447	1%
		Southbound	641	645	1%	708	708	0%
		Overall	1609	1613	0%	1151	1155	0%
B	New Wapping St between 2168 and 2164 (L36)	Northbound	357	342	-4%	126	119	-6%
		Southbound	55	54	-1%	47	38	-19%
		Overall	412	397	-4%	173	157	-10%
B	N Wall Quay between 2164 and 2392 (L37)	Eastbound	322	258	-20%	286	244	-15%
		Westbound	429	371	-14%	657	572	-13%
		Overall	750	629	-16%	943	815	-14%
B	Seville Place Between 2233 and 2239 (L38)	Northbound	836	840	0%	541	541	0%
		Southbound	540	540	0%	758	762	1%
		Overall	1376	1380	0%	1299	1303	0%

Zone	Junction	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
C	Navan Road / Ashtown Road (J1)	Ashtown Road	306	452	48%	536	730	36%
		Navan Road East	963	976	1%	994	997	0%
		Ashtown Gate Road	524	446	-15%	282	280	-1%
		Navan Road West	1034	967	-6%	1134	1174	4%
		Overall	2827	2816	0%	2946	3156	7%
C	Ashtown Road / Rathbourne Avenue (J2)	Ashtown Road North	151	225	49%	211	442	109%
		Rathbourne Avenue	149	211	42%	340	281	-17%
		Ashtown Road South	128	264	106%	69	88	28%
		Overall	428	700	64%	620	812	31%
C	River Road / Ashtown Road (J3)	Dunsink Lane	77	90	17%	100	106	6%
		R102 River Road East	408	282	-31%	514	633	23%
		Ashtown Road	87	128	47%	28	56	100%
		R102 River Road West	516	564	9%	163	152	-7%
		Overall	1088	1064	-2%	805	947	18%
C	R806 Castleknock Road / Roselawn Road (J4)	R806 Castleknock Road North	444	446	0%	1014	1016	0%
		R806 Castleknock Road South	837	839	0%	417	419	0%
		Roselawn Road	127	127	0%	224	224	0%
		Overall	1408	1412	0%	1655	1659	0%
C	R806 Castleknock Road / Park Lodge (J5)	R806 Castleknock Road North	370	374	1%	925	931	1%
		R806 Castleknock Road South	856	860	0%	630	632	0%
		Park Lodge	521	523	0%	235	237	1%
		Overall	1747	1757	1%	1790	1800	1%
C	Clonsilla Road / Coolmine Road (J6)	Clonsilla Road East	412	412	0%	542	542	0%
		Coolmine Road	341	343	1%	346	348	1%
		Clonsilla Road West	745	747	0%	535	537	0%
		Overall	1498	1502	0%	1422	1426	0%
C	Coolmine Road / Dellwood Road (J7)	Coolmine Road North	248	250	1%	373	375	1%
		Dellwood Road	194	194	0%	474	474	0%
		Coolmine Road South	313	315	1%	91	93	2%
		Overall	755	759	1%	938	942	0%

Zone	Junction	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
C	Carpenterstown Road / Carpenterstown Park / Riverwood Distributor Road (J8)	Carpenterstown Road North	166	172	4%	326	337	3%
		Carpenterstown Park East	371	373	1%	442	444	0%
		Carpenterstown Road South	461	465	1%	258	259	0%
		Riverwood Distributor Road	301	306	2%	244	247	1%
		Overall	1299	1316	1%	1270	1287	1%
C	Carpenterstown Road / Diswellstown Road (J9)	Carpenterstown Road North	546	547	0%	501	505	1%
		Carpenters Road East	384	384	0%	249	249	0%
		Diswellstown Road	321	325	1%	252	253	0%
		Access Road	211	211	0%	191	191	0%
		Overall	1463	1468	0%	1193	1198	0%
C	Blanchardstown Road / Clonsilla Road / Diswellstown Road (J10)	Blanchardstown Road South	837	853	2%	708	714	1%
		Clonsilla Road East	296	298	1%	679	681	0%
		Diswellstown Road	912	918	1%	583	599	3%
		Clonsilla Road West	757	759	0%	238	240	1%
		Overall	2802	2828	1%	2208	2234	1%
C	Diswellstown Road / School Access (J11)	Diswellstown Road North	818	834	2%	859	865	1%
		Diswellstown Road East	515	519	1%	415	424	2%
		Unnamed Road	611	612	0%	367	370	1%
		School Access	132	133	1%	35	39	11%
		Overall	2076	2098	1%	1676	1698	1%
C	Riverwood Distributor Road / Diswellstown Road / Fernleigh Drive (J12)	Riverwood Distributor Road	244	247	1%	302	307	2%
		Diswellstown Road South	228	229	0%	93	97	4%
		Fernleigh Drive	147	147	0%	131	131	0%
		Diswellstown Road North	326	335	3%	548	552	1%
		Overall	946	959	1%	1074	1087	1%
C	Clonsilla Road / Shelerin Road (J15)	Shelerin Road	120	120	0%	19	19	0%
		Clonsilla Road East	330	332	1%	289	291	1%
		Clonsilla Road West	647	649	0%	274	276	1%
		Overall	1097	1101	0%	582	586	1%

Zone	Junction	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
C	Clonsilla Road / Clonsilla Link Road (J16)	Clonsilla Link Road	11	11	0%	0	0	0%
		Clonsilla Road East	284	286	1%	263	265	1%
		Clonsilla Road West	612	614	0%	267	269	1%
		Overall	907	911	0%	531	535	1%
C	R121 Larch Grove / R121 Clonsilla Road (J17)	Access	0	0	0%	0	0	0%
		R121 Larch Grove	242	244	1%	118	120	2%
		R121 Clonsilla Road	29	29	0%	126	126	0%
		Unnamed Road	536	538	0%	239	241	1%
		Overall	807	811	0%	484	488	1%
C	R121 / Porterstown Road (J18)	R121 North	49	51	4%	153	157	3%
		Porterstown Road	695	699	1%	181	183	1%
		Unnamed Road	7	7	0%	5	5	0%
		R121 West	297	297	0%	549	549	0%
		Overall	1048	1054	1%	888	894	1%
E	Unnamed Road (Barberstown) J20	Unnamed Road East	55	57	4%	35	39	11%
		Unnamed Road South	27	31	15%	30	32	7%
		Unnamed Road West	18	18	0%	72	72	0%
		Overall	100	106	6%	137	143	4%
E	R149 Leixlip Confey (L10)	Northbound	175	182	4%	528	532	1%
		Southbound	314	318	1%	439	446	1%
		Overall	489	500	2%	967	977	1%
E	Luisa Bridge (L9)	Eastbound	219	221	1%	664	666	0%
		Westbound	706	708	0%	174	176	1%
		Overall	925	929	0%	838	842	0%
E	R148 Leixlip (L7)	Eastbound	1024	1028	0%	249	253	2%
		Westbound	707	709	0%	877	884	1%
		Overall	1731	1737	0%	1126	1136	1%
E	R148 East (L6)	Eastbound	609	611	0%	220	222	1%
		Westbound	308	310	1%	848	850	0%
		Overall	917	921	0%	1068	1072	0%
E	R148 West (L5)	Eastbound	522	524	0%	287	289	1%
		Westbound	426	428	0%	709	711	0%
		Overall	948	952	0%	996	1000	0%
F	R148 (L1)	Eastbound	382	448	17%	87	139	60%
		Westbound	114	166	46%	448	514	15%
		Overall	496	614	24%	535	653	22%

Zone	Junction	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
F	Jackson's Bridge (L2)	Northbound	223	229	3%	49	51	4%
		Southbound	94	96	2%	261	267	2%
		Overall	316	324	3%	310	318	3%

Table A-4 Operational Impact 2028 – Traffic Flow Change

Zone	Junction	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
A	R108 North of Whitworth Road (L13)	Northbound	572	572	0%	598	600	0%
		Southbound	1044	1048	0%	1039	1042	0%
		Overall	1617	1620	0%	1636	1641	0%
A	Drumcondra Stop (L15)	Northbound	856	857	0%	733	731	0%
		Southbound	845	848	0%	834	832	0%
		Overall	1701	1704	0%	1566	1564	0%
B	R108 South of Whitworth Road (L12)	Northbound	495	493	0%	499	501	1%
		Southbound	685	702	3%	754	762	1%
		Overall	1179	1195	1%	1253	1263	1%
B	Binn's Bridge Road South of Whitworth Road (L14)	Northbound	972	971	0%	998	999	0%
		Southbound	1291	1291	0%	978	978	0%
		Overall	2263	2262	0%	1975	1977	0%
B	Clonliffe Rail Bridge (L16)	Northbound	248	241	-3%	446	446	0%
		Southbound	400	402	1%	198	207	4%
		Overall	649	643	-1%	644	653	1%
B	Clark's Rail Bridge (L17)	Northbound	537	526	-2%	1094	1091	0%
		Southbound	1548	1555	0%	926	933	1%
		Overall	2048	2081	0%	2020	2023	0%
B	Newcomen Rail Bridge – Strad Road (L18)	Northbound	407	397	-2%	1148	1148	0%
		Southbound	1172	1179	1%	661	674	2%
		Overall	1579	1576	0%	1809	1821	1%
B	Sheriff Street (L19)	Eastbound	304	318	5%	531	533	0%
		Westbound	245	248	1%	347	358	3%
		Overall	549	556	3%	878	891	1%
B	Seville Place (L20)	Northbound	477	476	0%	524	506	-3%
		Southbound	509	520	2%	479	455	-5%
		Overall	986	997	1%	1003	961	-4%
B	Guide Street (L21)	Northbound	731	726	-1%	710	710	0%
		Southbound	651	650	0%	481	484	1%
		Overall	1382	1376	0%	1191	1194	0%
B	Mayor Street (L22)	Eastbound	72	65	-9%	20	20	0%
		Westbound	190	192	1%	193	187	-3%
		Overall	261	257	-2%	214	207	-3%

Zone	Junction	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
B	Guide Street (L23)	Northbound	790	778	-2%	648	649	0%
		Southbound	889	889	0%	718	716	0%
		Overall	1679	1667	-1%	1366	1364	0%
B	North Wall Quay West (L24)	Eastbound	387	374	-3%	645	649	1%
		Westbound	372	398	6%	328	348	6%
		Overall	759	770	1%	973	997	2%
B	Samuel Beckett Bridge (L25)	Northbound	800	787	-2%	669	666	0%
		Southbound	775	775	0%	632	632	0%
		Overall	1575	1562	-1%	1300	1298	0%
B	North Wall Quay East (L26)	Eastbound	376	363	-4%	633	637	1%
		Westbound	330	353	7%	218	241	10%
		Overall	706	716	1%	815	878	3%
C	Navan Road / Ashtown Road (J1)	Ashtown Road	306	441	44%	536	716	34%
		Navan Road East	963	976	1	994	997	0%
		Ashtown Gate Road	524	446	-15%	282	280	-1%
		Navan Road West	1034	853	-8%	1134	1163	3%
		Overall	2827	2816	0%	2946	3156	7%
C	Ashtown Road / Rathbourne Avenue (J2)	Ashtown Road North	151	225	49%	211	442	109%
		Rathbourne Avenue	149	211	42%	340	281	-17%
		Ashtown Road South	128	264	107%	69	88	28%
		Overall	428	700	64%	620	812	31%
C	River Road / Ashtown Road (J3)	Dunsink Lane	77	90	17%	100	106	5%
		R102 River Road East	408	282	-31%	514	633	23%
		Ashtown Road	87	128	47%	28	56	101%
		R102 River Road West	516	564	9%	163	152	-6%
		Overall	1088	1064	-2%	805	947	18%
C	R806 Castleknock Road / Roselawn Road (J4)	R806 Castleknock Road North	444	434	-2%	1014	926	-9%
		R806 Castleknock Road South	837	793	-5%	417	405	-3%
		Roselawn Road	127	69	-46%	224	10	-96%
		Overall	1408	1296	-8%	1655	1341	-19%
C	R806 Castleknock Road / Park Lodge (J5)	R806 Castleknock Road North	370	519	40%	925	1019	10%
		R806 Castleknock Road South	856	778	-9%	630	624	-1%
		Park Lodge	521	549	5%	235	308	31%
		Overall	1747	1845	6%	1790	1951	9%

Zone	Junction	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
C	Clonsilla Road / Coolmine Road (J6)	Clonsilla Road East	412	391	-5%	512	461	-15%
		Coolmine Road	341	138	-59%	346	365	5%
		Clonsilla Road West	746	879	18%	535	629	18%
		Overall	1498	1409	-6%	1422	1454	2%
C	Coolmine Road / Dellwood Road (J7)	Coolmine Road North	248	225	-9%	373	347	-7%
		Dellwood Road	194	138	-29%	474	365	-23%
		Coolmine Road South	313	0	-100%	91	0	-100%
		Overall	755	364	-52%	938	711	-24%
C	Carpenterstown Road / Carpenterstown Park / Riverwood Distributor Road (J8)	Carpenterstown Road North	166	0	-100%	326	0	-100%
		Carpenterstown Park East	371	341	-8%	442	490	11%
		Carpenterstown Road South	461	474	3%	258	190	-27%
		Riverwood Distributor Road	301	330	10%	244	230	-6%
		Overall	1299	1146	-12%	1270	909	-28%
C	Carpenterstown Road / Diswellstown Road (J9)	Carpenterstown Road North	546	477	-13%	501	433	-14%
		Carpenters Road East	384	426	11%	249	216	-13%
		Diswellstown Road	321	397	-8%	252	244	-3%
		Access Road	211	209	-1%	191	189	-1%
		Overall	1463	1409	-4%	1193	1081	-9%
C	Blanchardstown Road / Clonsilla Road / Diswellstown Road (J10)	Blanchardstown Road South	837	723	-14%	708	738	4%
		Clonsilla Road East	296	417	41%	679	728	7%
		Diswellstown Road	912	1238	36%	583	704	21%
		Clonsilla Road West	757	759	0%	238	332	39%
		Overall	2802	3138	12%	2208	2502	13%
C	Diswellstown Road / School Access (J11)	Diswellstown Road North	818	919	12%	859	1064	24%
		Diswellstown Road East	515	813	58%	415	395	-5%
		Unnamed Road	611	657	8%	367	505	38%
		School Access	132	135	2%	35	37	5%
		Overall	2076	2524	22%	1676	2001	19%

Zone	Junction	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
C	Riverwood Distributor Road / Diswellstown Road / Fernleigh Drive (J12)	Riverwood Distributor Road	244	50	-80%	302	18	-94%
		Diswellstown Road South	228	270	18%	93	102	9%
		Fernleigh Drive	147	142	-4%	131	129	-2%
		Diswellstown Road North	326	417	28%	548	640	17%
		Overall	946	879	-7%	1074	889	-17%
C	Bothar Bhaile an Phoirtearaigh / Rugged Lane (J13)	Bothar Bhaile an Phoirtearaigh East	695	608	-12%	181	190	2%
		Rugged Lane	0	20		0	0	0%
		Bothar Bhaile an Phoirtearaigh West	333	323	-3%	573	572	0%
		Overall	1027	952	-7%	753	763	1%
C	Diswellstown Road / Bothar Bhaile an Phoirtearaigh (J14)	Diswellstown Road	652	670	3%	502	617	23%
		Bothar Bhaile an Phoirtearaigh East	546	491	-10%	143	176	23%
		Bothar Bhaile an Phoirtearaigh West	332	339	2%	573	571	0%
		Overall	1531	1500	-2%	1219	1366	12%
C	Clonsilla Road / Shelerin Road (J15)	Shelerin Road	120	260	117%	19	15	-23%
		Clonsilla Road East	330	327	-1%	289	319	10%
		Clonsilla Road West	647	666	3%	274	326	19%
		Overall	1097	1253	14%	582	659	13%
C	Clonsilla Road / Clonsilla Link Road (J16)	Clonsilla Link Road	11	4	-67%	0	0	0%
		Clonsilla Road East	284	433	52%	263	278	6%
		Clonsilla Road West	612	635	4%	267	309	16%
		Overall	907	1072	19%	531	587	11%
C	R121 Larch Grove / R121 Clonsilla Road (J17)	Access	0	0	0%	0	0	0%
		R121 Larch Grove	242	481	99%	118	241	103%
		R121 Clonsilla Road	29	0	-100%	126	0	-100%
		Unnamed Road	536	543	1%	239	225	-6%
		Overall	807	1024	28%	484	466	-4%
C	R121 / Porterstown Road (J18)	R121 North	49	0	-100%	153	0	-100%
		Porterstown Road	695	613	-12%	181	191	6%
		Unnamed Road	7	6	-21%	5	6	3%

Zone	Junction	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
		R121 West	297	322	9%	549	577	5%
		Overall	1048	941	-10%	888	773	-13%
E	R121 / Barberstown (J19)	Barberstown lane	53	86	61%	80	130	63%
		R121 East	629	603	-4%	193	194	1%
		R121 South	258	252	-2%	489	466	-5%
		Overall	940	941	0%	761	790	4%
E	Unnamed Road (Barberstown) (J20)	Unnamed Road East	55	55	-1%	35	34	-3%
		Unnamed Road South	27	74	178%	30	34	13%
		Unnamed Road West	18	52	190%	72	126	74%
		Overall	100	181	81%	137	193	41%
E	Pike Bridge (L4)	Northbound	309	314	2%	82	81	-1%
		Southbound	104	104	1%	289	303	5%
		Overall	413	418	1%	370	384	4%
E	R148 West (L5)	Eastbound	522	527	1%	287	287	0%
		Westbound	426	423	-1%	709	709	0%
		Overall	948	950	0%	996	995	0%
E	R148 East (L6)	Eastbound	609	618	1%	220	210	-4%
		Westbound	308	305	-1%	848	854	1%
		Overall	917	923	1%	1068	1064	0%
E	R148 Leixlip (L7)	Eastbound	1024	1024	0%	249	243	-2%
		Westbound	707	691	-2%	877	875	0%
		Overall	1731	1715	-1%	1126	1118	-1%
E	R148 Louisa Bridge (L9)	Eastbound	219	218	0%	664	666	0%
		Westbound	706	700	-1%	174	184	6%
		Overall	925	918	-1%	838	850	1%
E	R148 Leixlip Confey (L10)	Northbound	175	176	0%	528	531	1%
		Southbound	314	311	-1%	439	435	-1%
		Overall	489	487	-1%	967	966	0%
E	R148 Collins Rail Bridge (L11)	Northbound	198	206	4%	615	624	1%
		Southbound	456	510	12%	296	286	-3%
		Overall	653	716	10%	910	910	0%
F	R148 (L1)	Eastbound	382	380	0%	87	87	0%
		Westbound	114	113	-1%	448	446	0%
		Overall	496	493	-1%	535	533	0%
F	Jackson's Bridge (L2)	Northbound	223	226	2%	49	49	0%
		Southbound	94	93	0%	261	270	3%
		Overall	316	319	1%	310	318	3%

Zone	Junction	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
F	R148 (L3)	Eastbound	573	574	0%	115	116	0%
		Westbound	175	174	-1%	689	696	1%
		Overall	748	748	0%	804	812	-1%

Table A-5 Operational Impact 2043 – Traffic Flow Change

Zone	Junction / Link	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
A	R108 North of Whitworth Road (L13)	Northbound	561	565	1%	594	596	0%
		Southbound	995	1004	1%	1034	1039	0%
		Overall	1556	1569	1%	1628	1635	0%
A	Drumcondra Stop (L15)	Northbound	865	860	-1%	732	731	0%
		Southbound	863	863	0%	841	845	0%
		Overall	1728	1723	0%	1573	1576	0%
B	R108 South of Whitworth Road (L12)	Northbound	500	509	2%	477	480	1%
		Southbound	560	578	3%	761	773	2%
		Overall	1059	1087	3%	1239	1254	1%
B	Binn's Bridge South of Whitworth Road (L14)	Northbound	987	1000	1%	1020	1021	0%
		Southbound	1286	1286	0%	978	980	0%
		Overall	2273	2286	1%	1998	2001	0%
B	Clonliffe Rail Bridge (L16)	Northbound	275	287	4%	494	488	-1%
		Southbound	393	398	1%	212	222	5%
		Overall	669	685	2%	706	710	1%
B	Clark's Rail Bridge (L17)	Northbound	631	621	-1%	1138	1139	0%
		Southbound	1521	1527	0%	919	912	-1%
		Overall	2151	2149	0%	2057	2051	0%
B	Newcomen Rail Bridge – Strad Road (L18)	Northbound	378	372	-1%	1175	1165	-1%
		Southbound	1198	1107	-8%	677	727	7%
		Overall	1576	1480	-6%	1853	1892	2%
B	Sheriff Street (L19)	Eastbound	307	308	0%	555	557	0%
		Westbound	247	243	-2%	363	360	-1%
		Overall	555	551	-1%	918	917	0%
B	Seville Place (L20)	Northbound	465	453	-3%	575	561	-2%
		Southbound	517	505	-2%	535	527	-1%
		Overall	982	958	-2%	1110	1089	-2%
B	Guide Street (L21)	Northbound	733	732	0%	714	714	0%
		Southbound	660	661	0%	482	483	0%
		Overall	1393	1393	0%	1196	1197	0%
B	Mayor Street (L22)	Eastbound	69	70	2%	22	21	0%
		Westbound	191	192	1%	207	209	0%

Zone	Junction / Link	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
		Overall	260	262	1%	229	229	0%
B	Guide Street (L23)	Northbound	789	786	0%	650	650	0%
		Southbound	893	892	0%	725	728	0%
		Overall	682	678	0%	1374	1378	0%
B	North Wall Quay West (L24)	Eastbound	454	450	-1%	669	670	0%
		Westbound	397	421	6%	345	376	9%
		Overall	851	870	2%	1014	1046	3%
B	Samuel Beckett Bridge (L25)	Northbound	797	793	0%	679	672	-1%
		Southbound	780	781	0%	636	640	1%
		Overall	1577	1574	0%	1315	1312	0%
B	North Wall Quay East (L26)	Eastbound	443	439	-1%	650	648	0%
		Westbound	358	383	7%	234	265	13%
		Overall	800	822	3%	884	914	3%
C	Navan Road / Ashtown Road (J1)	Ashtown Road	392	449	27%	555	693	25%
		Navan Road East	920	1119	22%	1024	982	-4%
		Ashtown Gate Road	479	404	-16%	261	295	13%
		Navan Road West	998	1026	3%	1106	1135	3%
		Overall	2789	3048	9%	2946	3105	5%
C	Ashtown Road / Rathbourne Avenue (J2)	Ashtown Road North	191	274	44%	214	433	103%
		Rathbourne Avenue	199	219	10%	354	281	-21%
		Ashtown Road South	169	277	64%	93	124	33%
		Overall	559	769	38%	661	838	27%
C	River Road / Ashtown Road (J3)	Dunsink Lane	110	124	12%	124	128	3%
		R102 River Road East	369	258	-30%	490	563	15%
		Ashtown Road	109	155	42%	37	70	87%
		R102 River Road West	506	587	16%	194	192	-1%
		Overall	1094	1123	3%	846	952	13%
C	R806 Castleknock Road / Roselawn Road (J4)	R806 Castleknock Road North	230	283	23%	1012	968	-4%
		R806 Castleknock Road South	934	743	-20%	402	422	5%
		Roselawn Road	175	21	-88%	228	7	-97%
		Overall	1338	1047	-22%	1642	1397	-15%
C	R806 Castleknock Road / Park Lodge (J5)	R806 Castleknock Road North	249	320	28%	947	977	3%
		R806 Castleknock Road South	894	619	-31%	657	558	-15%
		Park Lodge	668	703	5%	250	347	39%
		Overall	1811	1642	-9%	1854	1882	2%

Zone	Junction / Link	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
C	Clonsilla Road / Coolmine Road (J6)	Clonsilla Road East	324	314	-3%	515	614	0%
		Coolmine Road	475	234	-51%	425	312	-27%
		Clonsilla Road West	945	958	1%	521	666	28%
		Overall	1743	1506	-14%	1460	1492	2%
C	Coolmine Road / Dellwood Road (J7)	Coolmine Road North	513	432	-16%	352	306	-13%
		Dellwood Road	318	234	-26%	553	312	-44%
		Coolmine Road South	257	0	-100%	90	0	-100%
		Overall	1088	667	-39%	995	618	-38%
C	Carpenterstown Road / Carpenterstown Park / Riverwood Distributor Road (J8)	Carpenterstown Road North	240	0	-100%	369	0	-100%
		Carpenterstown Park East	467	359	-23%	503	479	-5%
		Carpenterstown Road South	629	639	2%	273	216	-21%
		Riverwood Distributor Road	464	554	19%	227	217	-4%
		Overall	1800	1552	-14%	1372	912	-34%
C	Carpenterstown Road / Diswellstown Road (J9)	Carpenterstown Road North	495	483	-2%	535	442	-17%
		Carpenters Road East	491	544	11%	251	266	6%
		Diswellstown Road	486	380	-22%	260	252	-3%
		Access Road	229	224	-2%	202	199	-2%
		Overall	1701	1630	-4%	1248	1160	-7%
C	Blanchardstown Road / Clonsilla Road / Diswellstown Road (J10)	Blanchardstown Road South	991	854	-14%	732	711	-3%
		Clonsilla Road East	267	481	80%	751	780	4%
		Diswellstown Road	893	1114	25%	712	794	12%
		Clonsilla Road West	848	731	-14%	250	3684	53%
		Overall	2998	3181	6%	2446	2668	9%
C	Diswellstown Road / School Access (J11)	Diswellstown Road North	1044	1243	19%	904	1091	21%
		Diswellstown Road East	587	783	33%	486	457	-6%
		Unnamed Road	570	575	1%	442	555	25%
		School Access	132	139	6%	33	39	19%
		Overall	2333	2740	17%	1866	2142	15%
C	Riverwood Distributor Road / Diswellstown Road / Fernleigh Drive	Riverwood Distributor Road	385	39	-90%	369	16	-96%
		Diswellstown Road South	168	190	13%	98	109	11%
		Fernleigh Drive	152	144	-6%	137	135	-2%

Zone	Junction / Link	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
	Fernleigh Drive (J12)	Diswellstown Road North	578	645	12%	604	645	12%
		Overall	1284	1017	-21%	1208	939	-22%
C	Bothar Bhaile an Phoirtearaigh / Rugged Lane (J13)	Bothar Bhaile an Phoirtearaigh East	668	558	-17%	202	205	2%
		Rugged Lane	227	219	-4%	0	0	0%
		Bothar Bhaile an Phoirtearaigh West	509	447	-12%	627	603	-4%
		Overall	1405	1224	-13%	829	808	-3%
C	Diswellstown Road / Bothar Bhaile an Phoirtearaigh (J14)	Diswellstown Road	683	775	13%	523	626	20%
		Bothar Bhaile an Phoirtearaigh East	226	156	-31%	192	220	15%
		Bothar Bhaile an Phoirtearaigh West	608	598	-2%	627	603	-4%
		Overall	1517	1529	1%	1342	1449	8%
C	Clonsilla Road / Shelerin Road (J15)	Shelerin Road	160	333	108%	21	22	4%
		Clonsilla Road East	236	336	42%	389	368	-5%
		Clonsilla Road West	760	743	-2%	310	379	22%
		Overall	1156	1413	22%	720	769	7%
C	Clonsilla Road / Clonsilla Link Road (J16)	Clonsilla Link Road	48	4	-92%	0	0	0%
		Clonsilla Road East	274	464	70%	343	315	-8%
		Clonsilla Road West	783	700	-11%	313	370	18%
		Overall	1105	1168	6%	656	685	4%
C	R121 Larch Grove / R121 Clonsilla Road (J17)	Access	0	0	0%	0	0	0%
		R121 Larch Grove	239	504	111%	211	280	33%
		R121 Clonsilla Road	119	0	-100%	131	0	-100%
		Unnamed Road	608	612	1%	267	285	7%
		Overall	966	1117	16%	609	565	-7%
C	R121 / Porterstown Road (J18)	R121 North	68	0	-100%	142	0	-100%
		Porterstown Road	745	582	-22%	202	205	2%
		Unnamed Road	16	9	-46%	6	6	0%
		R121 West	480	444	-8%	625	607	-3%
		Overall	1310	1034	-21%	974	818	-16%
E	R121 / Barberstown (J19)	Barberstown lane	92	131	60%	109	148	35%
		R121 East	633	574	-9%	215	208	-3%
		R121 South	414	326	-21%	535	481	-10%
		Overall	1128	1032	-9%	859	837	-3%
E	Unnamed Road	Unnamed Road East	59	57	-3%	37	37	0%
		Unnamed Road South	26	108	319%	39	43	10%

Zone	Junction / Link	Approach / Direction	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
	(Barberstown) (J20)	Unnamed Road West	46	100	114%	102	144	41%
		Overall	131	264	102%	178	223	26%
E	Pike Bridge (L4)	Northbound	357	354	-1%	101	103	2%
		Southbound	91	69	-24%	391	411	5%
		Overall	448	423	-6%	492	514	4%
E	R148 West (L5)	Eastbound	658	682	4%	393	393	0%
		Westbound	513	491	-4%	779	783	1%
		Overall	1171	1173	0%	1172	1176	0%
E	R148 East (L6)	Eastbound	760	793	4%	236	227	-4%
		Westbound	347	317	-9%	912	924	1%
		Overall	1107	1109	0%	1148	1151	0%
E	R148 Leixlip (L7)	Eastbound	1094	1103	1%	230	199	-14%
		Westbound	759	727	-4%	912	916	0%
		Overall	1853	1829	-1%	1143	1114	-2%
E	R148 Louisa Bridge (L9)	Eastbound	244	252	3%	762	756	-1%
		Westbound	701	691	-1%	208	247	19%
		Overall	945	943	0%	971	1003	0%
E	R148 Leixlip Confey (L10)	Northbound	185	174	-6%	605	617	2%
		Southbound	389	325	-16%	443	446	1%
		Overall	574	499	-13%	1047	1062	1%
E	R148 Collins Rail Bridge (L11)	Northbound	363	246	-32%	613	610	0%
		Southbound	335	410	22%	303	301	-1%
		Overall	698	656	-6%	916	911	-1%
F	R148 (L1)	Eastbound	402	409	2%	82	83	1%
		Westbound	145	145	0%	445	448	1%
		Overall	547	554	1%	527	531	1%
F	Jackson's Bridge (L2)	Northbound	287	302	5%	55	54	-2%
		Southbound	131	130	-1%	305	320	5%
		Overall	418	431	3%	360	374	4%
F	R148 (L3)	Eastbound	646	668	3%	109	111	1%
		Westbound	234	232	-1%	722	742	3%
		Overall	880	900	2%	832	853	3%

Table A-6 Operational Impact 2028 – HGV Traffic Flow Change

Zone	Junction	Approach	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
C		Ashtown Road	2	3	50%	0	3	%
		Navan Road East	67	67	0%	12	15	25%

Zone	Junction	Approach	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
	Navan Road / Ashtown Road (J1)	Ashtown Gate Road	0	0	0%	14	13	-7%
		Navan Road West	20	19	-5%	10	10	0%
		Overall	89	89	0%	36	41	14%
C	Ashtown Road / Rathbourne Avenue (J2)	Ashtown Road North	0	0	0%	0	0	0%
		Rathbourne Avenue	2	3	50%	0	2	%
		Ashtown Road South	6	6	0%	1	1	0%
		Overall	8	9	13%	1	4	300%
C	River Road / Ashtown Road (J3)	Dunsink Lane	0	0	0%	0	0	0%
		R102 River Road East	0	0	0%	5	0	-100%
		Ashtown Road	6	6	0%	1	1	0%
		R102 River Road West	2	2	0%	5	4	-20%
		Overall	8	8	0%	11	6	-45%
C	R806 Castleknock Road / Roselawn Road (J4)	R806 Castleknock Road North	30	37	23%	29	10	-69%
		R806 Castleknock Road South	7	8	14%	43	18	-70%
		Roselawn Road	22	1	-95%	1	5	100%
		Overall	60	46	-23%	73	33	-67%
C	R806 Castleknock Road / Park Lodge (J5)	R806 Castleknock Road North	18	45	150%	14	15	14%
		R806 Castleknock Road South	46	54	17%	35	33	-9%
		Park Lodge	16	17	6%	9	9	-11%
		Overall	80	117	46%	58	57	-3%
C	Clonsilla Road / Coolmine Road (J6)	Clonsilla Road East	2	1	-50%	1	1	0%
		Coolmine Road	6	8	33%	3	1	-67%
		Clonsilla Road West	4	15	275%	0	0	%
		Overall	12	24	100%	4	2	-25%
C	Coolmine Road / Dellwood Road (J7)	Coolmine Road North	2	11	450%	1	0	100%
		Dellwood Road	10	8	-20%	6	1	-83%
		Coolmine Road South	1	0	-100%	1	0	-100%
		Overall	13	19	46%	8	1	-63%
C	Carpenterstown Road / Carpenterstown Park / Riverwood Distributor Road (J8)	Carpenterstown Road North	5	0	-100%	4	0	-100%
		Carpenterstown Park East	0	0	0%	13	13	0%
		Carpenterstown Road South	14	18	29%	8	8	0%
		Riverwood Distributor Road	27	21	-22%	2	1	-50%

Zone	Junction	Approach	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
		Overall	46	40	-13%	27	21	-22%
C	Carpenterstown Road / Diswellstown Road (J9)	Carpenterstown Road North	4	1	-75%	10	8	-20%
		Carpenters Road East	3	4	33%	2	2	0%
		Diswellstown Road	9	11	22%	0	0	0%
		Access Road	5	5	0%	1	1	0%
		Overall	20	21	5%	13	11	-15%
C	Blanchardstown Road / Clonsilla Road / Diswellstown Road (J10)	Blanchardstown Road South	9	10	11%	27	30	15%
		Clonsilla Road East	5	4	-20%	1	2	100%
		Diswellstown Road	4	4	0	13	14	8%
		Clonsilla Road West	10	17	70%	0	0	0%
		Overall	28	45	43%	41	46	15%
C	Diswellstown Road / School Access (J11)	Diswellstown Road North	12	10	-17%	26	28	8%
		Diswellstown Road East	4	3	-25%	10	10	0%
		Unnamed Road	5	7	40%	5	6	-20%
		School Access	0	0	0%	3	1	-67%
		Overall	20	20	0	43	45	2%
C	Riverwood Distributor Road / Diswellstown Road / Fernleigh Drive (J12)	Riverwood Distributor Road	0	0	0%	10	1	-90%
		Diswellstown Road South	2	1	-50%	1	1	0%
		Fernleigh Drive	2	3	50%	0	0	0%
		Diswellstown Road North	16	15	-6%	27	30	4%
		Overall	21	18	-14%	38	32	-18%
C	Bothar Bhaile an Phoirtearaigh / Rugged Lane (J13)	Bothar Bhaile an Phoirtearaigh East	2	0	-100%	1	1	0%
		Rugged Lane	0	0	0%	0	0	0%
		Bothar Bhaile an Phoirtearaigh West	5	7	40%	1	2	-100%
		Overall	6	7	20%	2	2	-50%
C	Diswellstown Road / Bothar Bhaile an Phoirtearaigh (J14)	Diswellstown Road	0	1	%	0	0	0%
		Bothar Bhaile an Phoirtearaigh East	2	1	-50%	4	5	25%
		Bothar Bhaile an Phoirtearaigh West	5	7	40%	1	2	-100%
		Overall	7	9	29%	5	7	0%
C	Clonsilla Road / Shelerin Road (J15)	Shelerin Road	0	1	%	0	0	%
		Clonsilla Road East	2	2	0%	1	1	0%
		Clonsilla Road West	10	16	60%	0	0	0%

Zone	Junction	Approach	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
		Overall	12	20	67%	2	2	0%
C	Clonsilla Road / Clonsilla Link Road (J16)	Clonsilla Link Road	0	0	0%	0	0	0%
		Clonsilla Road East	0	2	%	2	1	-50%
		Clonsilla Road West	10	17	70%	0	0	0%
		Overall	11	20	82%	2	1	-50%
C	R121 Larch Grove / R121 Clonsilla Road (J17)	Access	0	0	0%	0	0	0%
		R121 Larch Grove	0	2	%	1	1	0%
		R121 Clonsilla Road	0	0	0%	0	0	0%
		Unnamed Road	8	15	88%	0	0	0%
		Overall	8	18	125%	1	1	0%
C	R121 / Porterstown Road (J18)	R121 North	0	0	0%	0	0	0%
		Porterstown Road	2	0	-100%	1	1	0%
		Unnamed Road	0	0	0%	0	0	0%
		R121 West	5	7	40%	1	2	100%
		Overall	6	7	20%	2	2	0%
E	R121 / Barberstown (J19)	Barberstown Lane	0	0	0%	0	0	0%
		R121 East	0	0	0%	0	1	%
		R121 South	5	7	40%	1	2	100%
		Overall	5	7	40%	2	2	0%
E	Unnamed Road (Barberstown) (J20)	Unnamed Road East	0	0	0%	0	0	0%
		Unnamed Road South	0	0	0%	0	0	0%
		Unnamed Road West	0	0	0%	0	0	0%
		Overall	0	0	0%	0	0	0%

Table A-7 Operational Impact 2043 – HGV Traffic Flow Change

Zone	Junction	Approach	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
C	Navan Road / Ashtown Road (J1)	Ashtown Road	2	3	50%	0	3	%
		Navan Road East	67	67	0%	12	15	25%
		Ashtown Gate Road	0	0	0%	0	0	0%
		Navan Road West	20	19	-5%	10	10	0%
		Overall	89	89	0%	36	41	14%
C	Ashtown Road / Rathbourne Avenue (J2)	Ashtown Road North	0	0	0%	0	0	0%
		Rathbourne Avenue	2	3	50%	0	2	%
		Ashtown Road South	6	6	0%	1	1	0%
		Overall	8	9	13%	1	4	300%

Zone	Junction	Approach	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
C	River Road / Ashtown Road (J3)	Dunsink Lane	0	0	0%	0	0	0%
		R102 River Road East	0	0	0%	5	0	-100%
		Ashtown Road	6	6	0%	1	1	0%
		R102 River Road West	2	2	0%	5	4	-20%
		Overall	8	8	0%	11	6	-45%
C	R806 Castleknock Road / Roselawn Road (J4)	R806 Castleknock Road North	46	45	-2%	25	18	-28%
		R806 Castleknock Road South	12	6	-50%	37	11	-70%
		Roselawn Road	20	0	-100%	1	2	100%
		Overall	78	51	-35%	63	31	-51%
C	R806 Castleknock Road / Park Lodge (J5)	R806 Castleknock Road North	57	55	-4%	23	20	-13%
		R806 Castleknock Road South	71	50	-30%	40	28	-30%
		Park Lodge	25	25	0%	14	14	-0%
		Overall	153	130	-15%	77	62	-19%
C	Clonsilla Road / Coolmine Road (J6)	Clonsilla Road East	1	1	0%	1	2	100%
		Coolmine Road	11	6	-45%	8	1	-88%
		Clonsilla Road West	20	4	-80%	0	0	
		Overall	32	10	-69%	9	3	-67%
C	Coolmine Road / Dellwood Road (J7)	Coolmine Road North	3	0	-100%	1	0	0%
		Dellwood Road	11	6	-45%	10	1	-90%
		Coolmine Road South	0	0	0%	1	0	-100%
		Overall	14	6	-57%	13	1	-92%
C	Carpenterstown Road / Carpenterstown Park / Riverwood Distributor Road (J8)	Carpenterstown Road North	1	0	-100%	4	0	-100%
		Carpenterstown Park East	1	0	-100%	12	9	-25%
		Carpenterstown Road South	22	34	55%	6	7	17%
		Riverwood Distributor Road	53	42	-21%	3	1	-67%
		Overall	77	76	-1%	25	17	-32%
C	Carpenterstown Road / Diswellstown Road (J9)	Carpenterstown Road North	1	1	0	9	7	-22%
		Carpenters Road East	3	7	133%	2	5	150%
		Diswellstown Road	15	15	0	0	0	0%
		Access Road	6	6	0	2	2	0%
		Overall	28	28	0	12	14	17%

Zone	Junction	Approach	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
C	Blanchardstown Road / Clonsilla Road / Diswellstown Road (J10)	Blanchardstown Road South	12	14	17%	34	37	9%
		Clonsilla Road East	5	5	0%	1	2	100%
		Diswellstown Road	2	5	150%	10	12	20%
		Clonsilla Road West	8	21	163%	0	0	0%
		Overall	26	44	85%	46	52	13%
C	Diswellstown Road / School Access (J11)	Diswellstown Road North	25	28	12%	30	36	20%
		Diswellstown Road East	1	4	300%	9	13	44%
		Unnamed Road	14	19	36%	5	2	-60%
		School Access	1	0	-100%	1	1	0%
		Overall	42	51	-12%	44	53	20%
C	Riverwood Distributor Road / Diswellstown Road / Fernleigh Drive (J12)	Riverwood Distributor Road	1	0	-100%	8	1	-88%
		Diswellstown Road South	0	0	0	1	1	0
		Fernleigh Drive	3	3	0	0	0	0
		Diswellstown Road North	40	45	13%	32	38	19%
		Overall	44	48	9%	42	40	-5%
C	Bothar Bhaile an Phoirtearaigh / Rugged Lane (J13)	Bothar Bhaile an Phoirtearaigh East	1	0	0	1	1	0%
		Rugged Lane	0	0	0	0	0	0%
		Bothar Bhaile an Phoirtearaigh West	15	20	33%	3	2	-33%
		Overall	16	20	25%	3	3	0%
C	Diswellstown Road / Bothar Bhaile an Phoirtearaigh (J14)	Diswellstown Road	0	2	0	0	0	0%
		Bothar Bhaile an Phoirtearaigh East	1	0	0	2	0	-100%
		Bothar Bhaile an Phoirtearaigh West	15	20	33%	3	2	-33%
		Overall	16	22	-38%	5	3	-40%
C	Clonsilla Road / Shelerin Road (J15)	Shelerin Road	1	1	0%	0	0	0%
		Clonsilla Road East	1	3	200%	2	1	-50%
		Clonsilla Road West	21	22	5%	0	0	0%
		Overall	23	26	13%	2	2	0%
C	Clonsilla Road / Clonsilla Link Road (J16)	Clonsilla Link Road	0	0	0%	0	0	0%
		Clonsilla Road East	0	2	%	2	2	0%
		Clonsilla Road West	22	23	5%	0	0	0%
		Overall	22	25	14%	2	2	0%
C	R121 Larch Grove / R121	Access	0	0	0	0	0	0%
		R121 Larch Grove	0	3	0	1	2	100%

Zone	Junction	Approach	AM Peak			PM Peak		
			Do Minimum	Do Something	% Change	Do Minimum	Do Something	% Change
	Clonsilla Road (J17)	R121 Clonsilla Road	0	0	0	0	0	0%
		Unnamed Road	19	20	5%	0	0	0%
		Overall	19	23	21%	1	2	100%
C	R121 / Porterstown Road (J18)	R121 North	0	0	0	0	0	0%
		Porterstown Road	1	0	-100%	1	1	0%
		Unnamed Road	0	0	0%	0	0	0%
		R121 West	15	20	33%	3	2	-33%
		Overall	16	20	25%	3	3	0%
E	R121 / Barberstown (J19)	Barberstown Lane	0	0	0	0	0	0%
		R121 East	0	0	0	0	1	%
		R121 South	15	20	33%	2	2	0%
		Overall	15	20	33%	3	3	0%
E	Unnamed Road (Barberstown) (J20)	Unnamed Road East	0	0	0%	0	0	0%
		Unnamed Road South	0	0	0%	0	0	0%
		Unnamed Road West	0	0	0%	0	0	0%
		Overall	0	0	0%	0	0	0%