

Weekday Peak Hour Traffic Flow Matrices (Passenger Car Units) - Junction 1

2023 AM Peak (08:15-09:15) SURVEYED TRAFFIC FLOWS						2023 PM Peak (16:30-17:30) SURVEYED TRAFFIC FLOWS							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	102	477	3	582	R750 East		0	141	544	3	688
Hawkstown Road (S)		145	0	279	5	429	Hawkstown Road (S)		74	0	124	4	202
R750 West		568	113	0	14	695	R750 West		489	183	0	11	683
Rathnew Inner Relief Road (N)		5	5	14	0	24	Rathnew Inner Relief Road (N)		5	8	27	0	40
TOTALS		718	220	770	22	1730	TOTALS		568	332	695	18	1613

2023 AM Peak (08:15-09:15) BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)						2023 PM Peak (16:30-17:30) BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	102	477	3	582	R750 East		0	141	544	3	688
Hawkstown Road (S)		145	0	279	5	429	Hawkstown Road (S)		74	0	124	4	202
R750 West		568	113	0	14	695	R750 West		489	183	0	11	683
Rathnew Inner Relief Road (N)		5	5	14	0	24	Rathnew Inner Relief Road (N)		5	8	27	0	40
TOTALS		718	220	770	22	1730	TOTALS		568	332	695	18	1613

2026 AM Peak (08:15-09:15) OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR						2026 PM Peak (16:30-17:30) OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	14	14	R750 East		0	0	0	35	35
Hawkstown Road (S)		0	0	0	10	10	Hawkstown Road (S)		0	0	0	10	10
R750 West		0	0	0	32	32	R750 West		0	0	0	66	66
Rathnew Inner Relief Road (N)		36	11	66	0	113	Rathnew Inner Relief Road (N)		16	9	40	0	65
TOTALS		36	11	66	56	169	TOTALS		16	9	40	111	176

2026 AM Peak (08:15-09:15) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						2026 PM Peak (16:30-17:30) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	106	494	17	617	R750 East		0	146	564	38	748
Hawkstown Road (S)		150	0	289	15	454	Hawkstown Road (S)		77	0	129	14	220
R750 West		589	117	0	47	753	R750 West		507	190	0	77	774
Rathnew Inner Relief Road (N)		41	16	81	0	138	Rathnew Inner Relief Road (N)		21	17	68	0	106
TOTALS		780	239	864	79	1962	TOTALS		605	353	761	129	1848

2026 AM Peak (08:15-09:15) TRAFFIC REDISTRIBUTION VIA RIRR						2026 PM Peak (16:30-17:30) TRAFFIC REDISTRIBUTION VIA RIRR							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	-126	126	0	R750 East		0	0	-140	140	0
Hawkstown Road (S)		0	0	-94	94	0	Hawkstown Road (S)		0	0	-41	41	0
R750 West		-129	-40	0	2	-167	R750 West		-120	-70	0	2	-188
Rathnew Inner Relief Road (N)		129	40	3	0	172	Rathnew Inner Relief Road (N)		120	70	3	0	193
TOTALS		0	0	-117	222	5	TOTALS		0	0	-178	183	5

2026 AM Peak (08:15-09:15) OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR						2026 PM Peak (16:30-17:30) OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	14	14	R750 East		0	0	0	35	35
Hawkstown Road (S)		0	0	0	10	10	Hawkstown Road (S)		0	0	0	10	10
R750 West		0	0	0	13	13	R750 West		0	0	0	19	19
Rathnew Inner Relief Road (N)		36	11	17	0	64	Rathnew Inner Relief Road (N)		16	9	17	0	42
TOTALS		36	11	17	37	101	TOTALS		16	9	17	64	106

2026 AM Peak (08:15-09:15) SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE						2026 PM Peak (16:30-17:30) SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	16	16	R750 East		0	0	0	24	24
Hawkstown Road (S)		0	0	0	12	12	Hawkstown Road (S)		0	0	0	9	9
R750 West		0	0	0	3	3	R750 West		0	0	0	3	3
Rathnew Inner Relief Road (N)		22	8	3	0	33	Rathnew Inner Relief Road (N)		18	12	4	0	34
TOTALS		22	8	3	31	64	TOTALS		18	12	4	36	70

2026 AM Peak (08:15-09:15) WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						2026 PM Peak (16:30-17:30) WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	106	368	159	633	R750 East		0	146	424	38	772
Hawkstown Road (S)		150	0	195	121	466	Hawkstown Road (S)		77	0	88	64	229
R750 West		460	77	0	33	570	R750 West		387	120	0	35	542
Rathnew Inner Relief Road (N)		192	64	38	0	294	Rathnew Inner Relief Road (N)		159	99	52	0	310
TOTALS		802	247	601	313	1963	TOTALS		623	365	564	301	1853

2028 AM Peak (08:15-09:15) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						2028 PM Peak (16:30-17:30) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	108	506	17	631	R750 East		0	150	578	38	766
Hawkstown Road (S)		154	0	296	15	465	Hawkstown Road (S)		79	0	132	14	225
R750 West		603	120	0	47	770	R750 West		519	194	0	78	791
Rathnew Inner Relief Road (N)		41	16	81	0	138	Rathnew Inner Relief Road (N)		21	17	69	0	107
TOTALS		798	244	883	79	2004	TOTALS		619	361	779	130	1889

2028 AM Peak (08:15-09:15) SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE						2028 PM Peak (16:30-17:30) SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	11	11	R750 East		0	0	0	31	31
Hawkstown Road (S)		0	0	0	9	9	Hawkstown Road (S)		0	0	0	9	9
R750 West		0	0	0	2	2	R750 West		0	0	0	5	5
Rathnew Inner Relief Road (N)		30	9	4	0	43	Rathnew Inner Relief Road (N)		15	8	3	0	26
TOTALS		30	9	4	22	65	TOTALS		15	8	3	45	71

2028 AM Peak (08:15-09:15) WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						2028 PM Peak (16:30-17:30) WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	108	380	154	642	R750 East		0	150	438	209	797
Hawkstown Road (S)		154	0	202	118	474	Hawkstown Road (S)		79	0	91	64	234
R750 West		474	80	0	32	586	R750 West		399	124	0	38	561
Rathnew Inner Relief Road (N)		200	65	39	0	304	Rathnew Inner Relief Road (N)		156	95	52	0	303
TOTALS		828	253	621	304	2006	TOTALS		634	369	581	311	1895

2033 AM Peak (08:15-09:15) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						2033 PM Peak (16:30-17:30) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	112	523	17	652	R750 East		0	154	596	38	788
Hawkstown Road (S)		159	0	306	15	480	Hawkstown Road (S)		81	0	136	14	231
R750 West		622	124	0	47	793	R750 West		536	201	0	78	815
Rathnew Inner Relief Road (N)		41	16	81	0	138	Rathnew Inner Relief Road (N)		21	18	70	0	109
TOTALS		822	252	910	79	2063	TOTALS		638	373	802	130	1943

2033 AM Peak (08:15-09:15) WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						2033 PM Peak (16:30-17:30) WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	112	397	154	663	R750 East		0	154	456	209	819
Hawkstown Road (S)		159	0	212	118	489	Hawkstown Road (S)		81	0	95	64	240
R750 West		493	84	0	32	609	R750 West		416	131	0	38	585
Rathnew Inner Relief Road (N)		200	65	39	0	304	Rathnew Inner Relief Road (N)		156	96	53	0	305
TOTALS		852	261	648	304	2065	TOTALS		653	381	604	311	1949

2043 AM Peak (08:15-09:15) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						2043 PM Peak (16:30-17:30) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	115	537	17	669	R750 East		0	159	612	38	809
Hawkstown Road (S)		163	0	314	16	493	Hawkstown Road (S)		83	0	140	15	238
R750 West		639	127	0	48	814	R750 West		550				

Weekend Peak Hour Traffic Flow Matrices (Passenger Car Units) - Junction 1

2023 SAT Peak (11:45-12:45)		SURVEYED TRAFFIC FLOWS				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	116	593	8	717
Hawkstown Road (S)		85	0	143	2	230
R750 West		479	137	0	9	625
Rathnew Inner Relief Road (N)		5	3	16	0	24
TOTALS		569	256	752	19	1596

2023 SUN Peak (13:30-14:30)		SURVEYED TRAFFIC FLOWS				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	84	496	5	585
Hawkstown Road (S)		73	0	142	0	215
R750 West		450	111	0	4	565
Rathnew Inner Relief Road (N)		7	1	7	0	15
TOTALS		530	196	645	9	1380

2023 SAT Peak		BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	116	593	8	717
Hawkstown Road (S)		85	0	143	2	230
R750 West		479	137	0	9	625
Rathnew Inner Relief Road (N)		5	3	16	0	24
TOTALS		569	256	752	19	1596

2023 SUN Peak		BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	84	496	5	585
Hawkstown Road (S)		73	0	142	0	215
R750 West		450	111	0	4	565
Rathnew Inner Relief Road (N)		7	1	7	0	15
TOTALS		530	196	645	9	1380

2026 SAT Peak		OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	23	23
Hawkstown Road (S)		0	0	0	8	8
R750 West		0	0	0	37	37
Rathnew Inner Relief Road (N)		20	9	42	0	71
TOTALS		20	9	42	68	139

2026 SUN Peak		OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	22	22
Hawkstown Road (S)		0	0	0	8	8
R750 West		0	0	0	39	39
Rathnew Inner Relief Road (N)		19	7	39	0	65
TOTALS		19	7	39	69	134

2026 SAT Peak		WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	120	615	31	766
Hawkstown Road (S)		88	0	148	10	246
R750 West		497	142	0	46	685
Rathnew Inner Relief Road (N)		25	12	59	0	96
TOTALS		610	274	822	87	1793

2026 SUN Peak		WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	87	514	15	628
Hawkstown Road (S)		76	0	147	8	231
R750 West		466	115	0	47	624
Rathnew Inner Relief Road (N)		26	8	46	0	80
TOTALS		568	210	707	78	1563

2026 SAT Peak		TRAFFIC REDISTRIBUTION VIA RIRR				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	-141	141	0
Hawkstown Road (S)		0	0	-45	45	0
R750 West		-109	-49	0	3	-155
Rathnew Inner Relief Road (N)		109	49	5	0	163
TOTALS		0	0	-181	189	8

2026 SUN Peak		TRAFFIC REDISTRIBUTION VIA RIRR				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	-135	135	0
Hawkstown Road (S)		0	0	-50	50	0
R750 West		-105	-39	0	5	-139
Rathnew Inner Relief Road (N)		105	39	3	0	147
TOTALS		0	0	-182	190	8

2026 SAT Peak		OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	23	23
Hawkstown Road (S)		0	0	0	8	8
R750 West		0	0	0	13	13
Rathnew Inner Relief Road (N)		20	9	15	0	44
TOTALS		20	9	15	44	88

2026 SUN Peak		OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	22	22
Hawkstown Road (S)		0	0	0	8	8
R750 West		0	0	0	13	13
Rathnew Inner Relief Road (N)		19	7	11	0	37
TOTALS		19	7	11	43	80

2026 SAT Peak		SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	16	16
Hawkstown Road (S)		0	0	0	7	7
R750 West		0	0	0	2	2
Rathnew Inner Relief Road (N)		14	7	2	0	23
TOTALS		14	7	2	25	48

2026 SUN Peak		SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	14	14
Hawkstown Road (S)		0	0	0	5	5
R750 West		0	0	0	2	2
Rathnew Inner Relief Road (N)		12	5	2	0	19
TOTALS		12	5	2	21	40

2026 SAT Peak		WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	120	474	188	782
Hawkstown Road (S)		88	0	103	62	253
R750 West		388	93	0	27	508
Rathnew Inner Relief Road (N)		148	68	39	0	255
TOTALS		624	281	616	277	1798

2026 SUN Peak		WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	87	379	176	642
Hawkstown Road (S)		76	0	97	63	236
R750 West		361	76	0	24	461
Rathnew Inner Relief Road (N)		143	52	23	0	218
TOTALS		580	215	499	263	1557

2028 SAT Peak		WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	123	630	31	784
Hawkstown Road (S)		90	0	152	10	252
R750 West		509	145	0	47	701
Rathnew Inner Relief Road (N)		25	12	59	0	96
TOTALS		624	280	841	88	1833

2028 SUN Peak		WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	89	527	27	643
Hawkstown Road (S)		78	0	151	8	237
R750 West		478	118	0	43	639
Rathnew Inner Relief Road (N)		26	8	46	0	80
TOTALS		582	215	724	78	1599

2028 SAT Peak		SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	21	21
Hawkstown Road (S)		0	0	0	6	6
R750 West		0	0	0	3	3
Rathnew Inner Relief Road (N)		18	8	3	0	29
TOTALS		18	8	3	30	59

2028 SUN Peak		SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	20	20
Hawkstown Road (S)		0	0	0	8	8
R750 West		0	0	0	3	3
Rathnew Inner Relief Road (N)		18	6	2	0	26
TOTALS		18	6	2	31	57

2028 SAT Peak		WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	123	489	193	805
Hawkstown Road (S)		90	0	107	61	258
R750 West		400	96	0	29	525
Rathnew Inner Relief Road (N)		152	69	40	0	261
TOTALS		642	288	636	283	1849

2028 SUN Peak		WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	89	392	182	663
Hawkstown Road (S)		78	0	101	66	245
R750 West		373	79	0	25	477
Rathnew Inner Relief Road (N)		149	53	23	0	225
TOTALS		600	221	516	273	1610

2033 SAT Peak		WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	127	650	32	809
Hawkstown Road (S)		93	0	157	10	260
R750 West		525	150	0	47	722
Rathnew Inner Relief Road (N)		25	12	60	0	97
TOTALS		643	289	867	89	1888

2033 SUN Peak		WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	92	543	27	662
Hawkstown Road (S)		80	0	156	8	244
R750 West		493	122	0	43	658
Rathnew Inner Relief Road (N)		27	8	47	0	82
TOTALS		600	222	746	78	1646

2033 SAT Peak		WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	127	509	194	830
Hawkstown Road (S)		93	0	112	61	266
R750 West		416	101	0	29	546
Rathnew Inner Relief Road (N)		152	69	41	0	262
TOTALS		661	297	662	284	1904

2033 SUN Peak		WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)				
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	92			

AADT Traffic Flow Matrices (Light and Heavy Vehicles) - Junction 1

2023 Light Vehicles AADT						2023 Heavy Vehicles AADT							
SURVEYED TRAFFIC FLOWS						SURVEYED TRAFFIC FLOWS							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	1294	6213	59	7566	R750 East		0	21	235	59	256
Hawkstown Road (S)		1065	0	1866	41	2972	Hawkstown Road (S)		18	0	45	3	66
R750 West		5993	1634	0	169	7796	R750 West		231	43	0	14	288
Rathnew Inner Relief Road (N)		72	45	161	0	278	Rathnew Inner Relief Road (N)		2	4	12	0	18
TOTALS		7130	2973	8240	269	18612	TOTALS		251	68	292	17	628

2023 Light Vehicles BASELINE TRAFFIC FLOWS						2023 Heavy Vehicles BASELINE TRAFFIC FLOWS							
(surveyed flows + TI growth factor)						(surveyed flows + TI growth factor)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	1294	6213	59	7566	R750 East		0	21	235	59	256
Hawkstown Road (S)		1065	0	1866	41	2972	Hawkstown Road (S)		18	0	45	3	66
R750 West		5993	1634	0	169	7796	R750 West		231	43	0	14	288
Rathnew Inner Relief Road (N)		72	45	161	0	278	Rathnew Inner Relief Road (N)		2	4	12	0	18
TOTALS		7130	2973	8240	269	18612	TOTALS		251	68	292	17	628

2026 Light Vehicles OTHER COMMITTED DEVELOPMENT FLOWS						2026 Heavy Vehicles OTHER COMMITTED DEVELOPMENT FLOWS							
WITHOUT completion of RIR						WITHOUT completion of RIR							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	0	297	R750 East		0	0	0	0	3
Hawkstown Road (S)		0	0	0	0	117	Hawkstown Road (S)		0	0	0	0	1
R750 West		0	0	0	0	558	R750 West		0	0	0	0	8
Rathnew Inner Relief Road (N)		280	117	575	0	972	Rathnew Inner Relief Road (N)		3	1	8	0	12
TOTALS		280	117	575	0	1944	TOTALS		3	1	8	0	24

2026 Light Vehicles WITHOUT SUBJECT DEVELOPMENT						2026 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT							
(surveyed flows + TI growth factor + committed development)						(surveyed flows + TI growth factor + committed development)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	1341	6441	358	8140	R750 East		0	22	247	3	272
Hawkstown Road (S)		1104	0	1934	160	3198	Hawkstown Road (S)		19	0	47	4	70
R750 West		6213	1694	0	733	8640	R750 West		243	45	0	23	311
Rathnew Inner Relief Road (N)		355	164	742	0	1261	Rathnew Inner Relief Road (N)		5	5	21	0	31
TOTALS		7672	3199	9117	1251	21239	TOTALS		267	72	315	30	684

2026 Light Vehicles TRAFFIC REDISTRIBUTION VIA RIR						2026 Heavy Vehicles TRAFFIC REDISTRIBUTION VIA RIR							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	-1535	1535	0	R750 East		0	0	-59	59	0
Hawkstown Road (S)		0	0	-603	603	0	Hawkstown Road (S)		0	0	-15	15	0
R750 West		-1394	-581	0	41	-1934	R750 West		-58	-15	0	1	-72
Rathnew Inner Relief Road (N)		1394	581	40	0	2015	Rathnew Inner Relief Road (N)		58	15	1	0	74
TOTALS		0	0	-2098	2179	81	TOTALS		0	0	-73	75	2

2026 Light Vehicles OTHER COMMITTED DEVELOPMENT FLOWS						2026 Heavy Vehicles OTHER COMMITTED DEVELOPMENT FLOWS							
WITH completion of RIR						WITH completion of RIR							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	0	297	R750 East		0	0	0	0	3
Hawkstown Road (S)		0	0	0	0	117	Hawkstown Road (S)		0	0	0	0	1
R750 West		0	0	0	0	194	R750 West		0	0	0	0	3
Rathnew Inner Relief Road (N)		280	117	196	0	593	Rathnew Inner Relief Road (N)		3	1	3	0	7
TOTALS		280	117	196	0	1201	TOTALS		3	1	3	0	14

2026 Light Vehicles SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE						2026 Heavy Vehicles SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	0	213	R750 East		0	0	0	0	2
Hawkstown Road (S)		0	0	0	0	84	Hawkstown Road (S)		0	0	0	0	0
R750 West		0	0	0	0	36	R750 West		0	0	0	0	0
Rathnew Inner Relief Road (N)		201	84	36	0	321	Rathnew Inner Relief Road (N)		2	0	0	0	2
TOTALS		201	84	36	0	654	TOTALS		2	0	0	0	4

2026 Light Vehicles WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION						2026 Heavy Vehicles WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION							
(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	1341	4906	2106	8353	R750 East		0	22	188	64	274
Hawkstown Road (S)		1104	0	1331	847	3282	Hawkstown Road (S)		19	0	32	19	70
R750 West		4819	1113	0	446	6378	R750 West		185	30	0	19	234
Rathnew Inner Relief Road (N)		1950	829	439	0	3218	Rathnew Inner Relief Road (N)		65	20	17	0	102
TOTALS		7873	3283	6676	3399	21231	TOTALS		269	72	237	102	680

2028 Light Vehicles WITHOUT SUBJECT DEVELOPMENT						2028 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT							
(surveyed flows + TI growth factor + committed development)						(surveyed flows + TI growth factor + committed development)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	1374	6597	360	8331	R750 East		0	23	256	4	283
Hawkstown Road (S)		1131	0	1981	161	3273	Hawkstown Road (S)		20	0	49	4	73
R750 West		6363	1735	0	737	8835	R750 West		252	47	0	23	322
Rathnew Inner Relief Road (N)		356	165	746	0	1267	Rathnew Inner Relief Road (N)		5	5	21	0	31
TOTALS		7850	3274	9324	1258	21706	TOTALS		277	75	326	30	708

2028 Light Vehicles SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE						2028 Heavy Vehicles SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	0	0	0	265	R750 East		0	0	0	0	4
Hawkstown Road (S)		0	0	0	0	104	Hawkstown Road (S)		0	0	0	0	0
R750 West		0	0	0	0	42	R750 West		0	0	0	0	0
Rathnew Inner Relief Road (N)		250	104	44	0	398	Rathnew Inner Relief Road (N)		4	0	0	0	4
TOTALS		250	104	44	0	809	TOTALS		4	0	0	0	8

2028 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION						2028 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION							
(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	1374	5062	2160	8596	R750 East		0	23	197	66	286
Hawkstown Road (S)		1131	0	1378	868	3377	Hawkstown Road (S)		20	0	34	19	73
R750 West		4969	1154	0	456	6579	R750 West		194	32	0	19	245
Rathnew Inner Relief Road (N)		2000	850	451	0	3301	Rathnew Inner Relief Road (N)		67	20	17	0	104
TOTALS		8100	3378	6891	3484	21853	TOTALS		281	75	248	104	708

2033 Light Vehicles WITHOUT SUBJECT DEVELOPMENT						2033 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT							
(surveyed flows + TI growth factor + committed development)						(surveyed flows + TI growth factor + committed development)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	1418	6808	362	8588	R750 East		0	24	273	4	300
Hawkstown Road (S)		1167	0	2045	162	3374	Hawkstown Road (S)		21	0	52	4	77
R750 West		6567	1790	0	743	9100	R750 West		268	50	0	24	342
Rathnew Inner Relief Road (N)		359	166	751	0	1276	Rathnew Inner Relief Road (N)		5	6	22	0	33
TOTALS		8093	3374	9604	1267	22338	TOTALS		294	80	347	31	752

2033 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION						2033 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION							
(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	1418	5273	2162	8853	R750 East		0	24	214	66	304
Hawkstown Road (S)		1167	0	1442	869	3478	Hawkstown Road (S)		21	0	37	19	77
R750 West		5173	1209	0	462	6844	R750 West		210	35	0	20	265
Rathnew Inner Relief Road (N)		2003	851	456	0	3310	Rathnew Inner Relief Road (N)		67	21	18	0	106
TOTALS		8343	3478	7171	3493	22485	TOTALS		298	80	269	105	752

2043 Light Vehicles WITHOUT SUBJECT DEVELOPMENT						2043 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT							
(surveyed flows + TI growth factor + committed development)						(surveyed flows + TI growth factor + committed development)							
From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS	From	To	R750 East	Hawkstown Road (S)	R750 West	Rathnew Inner Relief Road (N)	TOTALS
R750 East		0	1457	6994	363	8814	R750 East		0	27	305	3	335
Hawkstown Road (S)		1199	0	2100	163	3462	Hawkstown Road (S)		23	0	58	5	86
R750 West		6746	1839	0	748	9333	R750 West		3				

Weekday Peak Hour Traffic Flow Matrices (Passenger Car Units) - Junction 2

2023 AM Peak (08:15-09:15) SURVEYED TRAFFIC FLOWS

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		2	96	733	831
R752 (SW)		184	0	257	441
R772 (NW)		553	138	1	692
TOTALS		739	234	991	1964

2023 PM Peak (16:30-17:30) SURVEYED TRAFFIC FLOWS

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		3	184	562	749
R752 (SW)		106	0	163	269
R772 (NW)		694	268	3	965
TOTALS		803	452	728	1983

2023 AM Peak BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		2	96	733	831
R752 (SW)		184	0	257	441
R772 (NW)		553	138	1	692
TOTALS		739	234	991	1964

2023 PM Peak BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		3	184	562	749
R752 (SW)		106	0	163	269
R772 (NW)		694	268	3	965
TOTALS		803	452	728	1983

2026 AM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	12	49	61
R752 (SW)		11	0	0	11
R772 (NW)		19	0	0	19
TOTALS		30	12	49	91

2026 PM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	13	23	36
R752 (SW)		14	0	0	14
R772 (NW)		47	0	0	47
TOTALS		61	13	23	97

2026 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		2	112	809	923
R752 (SW)		202	0	266	468
R772 (NW)		592	143	1	736
TOTALS		796	255	1076	2127

2026 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		3	204	606	813
R752 (SW)		124	0	169	293
R772 (NW)		765	278	3	1047
TOTALS		893	482	778	2153

2026 AM Peak TRAFFIC REDISTRIBUTION VIA RIRR

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	0	-223	-223
R752 (SW)		0	0	0	0
R772 (NW)		-165	0	0	-165
TOTALS		-165	0	-223	-388

2026 PM Peak TRAFFIC REDISTRIBUTION VIA RIRR

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	0	-179	-179
R752 (SW)		0	0	0	0
R772 (NW)		-190	0	0	-190
TOTALS		-190	0	-179	-369

2026 AM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	12	0	12
R752 (SW)		11	0	0	11
R772 (NW)		0	0	0	0
TOTALS		11	12	0	23

2026 PM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	13	0	13
R752 (SW)		14	0	0	14
R772 (NW)		0	0	0	0
TOTALS		14	13	0	27

2026 AM Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	0	0	0
R752 (SW)		0	0	12	12
R772 (NW)		0	9	0	9
TOTALS		0	9	12	21

2026 PM Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	0	0	0
R752 (SW)		0	0	11	11
R772 (NW)		0	15	0	15
TOTALS		0	15	11	26

2026 AM Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		2	112	537	651
R752 (SW)		202	0	278	480
R772 (NW)		408	152	1	561
TOTALS		612	264	816	1692

2026 PM Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		3	204	404	611
R752 (SW)		124	0	180	304
R772 (NW)		520	293	3	825
TOTALS		656	497	587	1740

2028 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		2	114	827	943
R752 (SW)		206	0	273	479
R772 (NW)		606	147	1	754
TOTALS		814	261	1101	2176

2028 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		3	208	620	831
R752 (SW)		127	0	173	300
R772 (NW)		784	285	3	1072
TOTALS		914	493	796	2203

2028 AM Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	0	0	0
R752 (SW)		0	0	9	9
R772 (NW)		0	10	0	10
TOTALS		0	10	9	19

2028 PM Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	0	0	0
R752 (SW)		0	0	12	12
R772 (NW)		0	12	0	12
TOTALS		0	12	12	24

2028 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		2	114	555	671
R752 (SW)		206	0	282	488
R772 (NW)		422	157	1	580
TOTALS		630	271	838	1739

2028 PM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		3	208	418	629
R752 (SW)		127	0	185	312
R772 (NW)		547	297	3	847
TOTALS		677	505	606	1788

2033 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		2	117	852	971
R752 (SW)		213	0	282	495
R772 (NW)		625	151	1	777
TOTALS		840	268	1135	2243

2033 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		3	215	639	857
R752 (SW)		130	0	179	309
R772 (NW)		807	294	3	1104
TOTALS		940	509	821	2270

2033 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		2	117	580	699
R752 (SW)		213	0	291	504
R772 (NW)		441	161	1	603
TOTALS		656	278	872	1806

2033 PM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		3	215	437	655
R752 (SW)		130	0	191	321
R772 (NW)		570	306	3	879
TOTALS		703	521	631	1855

2043 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		2	120	874	996
R752 (SW)		218	0	289	507
R772 (NW)		641	155	1	797
TOTALS		861	275	1164	2300

2043 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		3	220	656	879
R752 (SW)		133	0	183	316
R772 (NW)		828	302	3	1133
TOTALS		964	522	842	2328

2043 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		2	120	602	724
R752 (SW)		218	0	298	516
R772 (NW)		457	165	1	623
TOTALS		677	285	901	1863

2043 PM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		3	220	454	677
R752 (SW)		133	0	195	328
R772 (NW)		591	314	3	908
TOTALS		727	534	652	1913

RECEIVED: 14/08/2023

Weekend Peak Hour Traffic Flow Matrices (Passenger Car Units) - Junction 2

2023 SAT Peak (11:45-12:45) SURVEYED TRAFFIC FLOWS

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		4	158	663	825
R752 (SW)		108	0	196	304
R772 (NW)		576	175	3	754
TOTALS		688	333	862	1883

2023 SUN Peak (13:30-14:30) SURVEYED TRAFFIC FLOWS

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		1	92	616	709
R752 (SW)		78	0	184	262
R772 (NW)		546	154	3	703
TOTALS		625	246	803	1674

2023 SAT Peak BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		4	158	663	825
R752 (SW)		108	0	196	304
R772 (NW)		576	175	3	754
TOTALS		688	333	862	1883

2023 SUN Peak BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		1	92	616	709
R752 (SW)		78	0	184	262
R772 (NW)		546	154	3	703
TOTALS		625	246	803	1674

2026 SAT Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	12	27	39
R752 (SW)		10	0	0	10
R772 (NW)		24	0	0	24
TOTALS		34	12	27	73

2026 SUN Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	9	28	37
R752 (SW)		10	0	0	10
R772 (NW)		26	0	0	26
TOTALS		36	9	28	73

2026 SAT Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		4	176	714	894
R752 (SW)		122	0	203	325
R772 (NW)		621	181	3	805
TOTALS		747	357	920	2024

2026 SUN Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		1	104	667	772
R752 (SW)		91	0	191	282
R772 (NW)		592	160	3	755
TOTALS		684	264	861	1809

2026 SAT Peak TRAFFIC REDISTRIBUTION VIA RIRR

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	0	-188	-188
R752 (SW)		0	0	0	0
R772 (NW)		-153	0	0	-153
TOTALS		-153	0	-188	-341

2026 SUN Peak TRAFFIC REDISTRIBUTION VIA RIRR

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	0	-180	-180
R752 (SW)		0	0	0	0
R772 (NW)		-147	0	0	-147
TOTALS		-147	0	-180	-327

2026 SAT Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	12	0	12
R752 (SW)		10	0	0	10
R772 (NW)		0	0	0	0
TOTALS		10	12	0	22

2026 SUN Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	9	0	9
R752 (SW)		10	0	0	10
R772 (NW)		0	0	0	0
TOTALS		10	9	0	19

2026 SAT Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	0	0	0
R752 (SW)		0	0	9	9
R772 (NW)		0	9	0	9
TOTALS		0	9	9	18

2026 SUN Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	0	0	0
R752 (SW)		0	0	7	7
R772 (NW)		0	5	0	5
TOTALS		0	5	7	12

2026 SAT Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		4	176	499	679
R752 (SW)		122	0	217	339
R772 (NW)		444	190	3	637
TOTALS		570	366	714	1650

2026 SUN Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		1	104	459	564
R752 (SW)		91	0	198	289
R772 (NW)		419	165	3	587
TOTALS		511	269	660	1440

2028 SAT Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		4	180	731	915
R752 (SW)		125	0	208	333
R772 (NW)		636	186	3	825
TOTALS		765	366	942	2073

2028 SUN Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		1	107	682	790
R752 (SW)		93	0	195	288
R772 (NW)		606	164	3	773
TOTALS		700	271	880	1851

2028 SAT Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	0	0	0
R752 (SW)		0	0	9	9
R772 (NW)		0	11	0	11
TOTALS		0	11	9	20

2028 SUN Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		0	0	0	0
R752 (SW)		0	0	9	9
R772 (NW)		0	8	0	8
TOTALS		0	8	9	17

2028 SAT Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		4	180	516	700
R752 (SW)		125	0	217	342
R772 (NW)		459	197	3	659
TOTALS		588	377	736	1701

2028 SUN Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		1	107	474	582
R752 (SW)		93	0	204	297
R772 (NW)		433	172	3	608
TOTALS		527	279	681	1487

2033 SAT Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		4	185	753	942
R752 (SW)		128	0	215	343
R772 (NW)		655	192	3	850
TOTALS		787	377	971	2135

2033 SUN Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		1	110	703	814
R752 (SW)		95	0	202	297
R772 (NW)		624	169	3	796
TOTALS		720	279	908	1907

2033 SAT Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		4	185	538	727
R752 (SW)		128	0	224	352
R772 (NW)		478	203	3	684
TOTALS		610	388	765	1763

2033 SUN Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		1	110	495	606
R752 (SW)		95	0	211	306
R772 (NW)		451	177	3	631
TOTALS		547	287	709	1543

2043 SAT Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		5	190	773	968
R752 (SW)		132	0	221	353
R772 (NW)		678	197	3	878
TOTALS		809	387	997	2193

2043 SUN Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		1	113	721	835
R752 (SW)		98	0	207	305
R772 (NW)		641	173	3	817
TOTALS		740	286	931	1957

2043 SAT Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		5	190	558	753
R752 (SW)		132	0	230	362
R772 (NW)		495	208	3	706
TOTALS		632	398	791	1821

2043 SUN Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		1	113	513	627
R752 (SW)		98	0	216	314
R772 (NW)		468	181	3	652
TOTALS		567	294	732	1593

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AADT Traffic Flow Matrices (Light and Heavy Vehicles) - Junction 2

2023 Light Vehicles AADT SURVEYED TRAFFIC FLOWS					2023 Heavy Vehicles AADT SURVEYED TRAFFIC FLOWS						
From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS	From	To	R750 (E)	R752 (SW)	R772 (NW)	TOTALS
R750 (E)		30	1538	7509	9077	R750 (E)		0	70	256	326
R752 (SW)		1476	5	2263	3744	R752 (SW)		63	0	158	221
R772 (NW)		7147	2197	26	9370	R772 (NW)		263	145	0	408
TOTALS		8653	3740	9798	22191	TOTALS		326	215	414	955
2023 Light Vehicles BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)					2023 Heavy Vehicles BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)						
R750 (E)		30	1538	7509	9077	R750 (E)		0	70	256	326
R752 (SW)		1476	5	2263	3744	R752 (SW)		63	0	158	221
R772 (NW)		7147	2197	26	9370	R772 (NW)		263	145	0	408
TOTALS		8653	3740	9798	22191	TOTALS		326	215	414	955
2026 Light Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR					2026 Heavy Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR						
R750 (E)		0	147	379	526	R750 (E)		0	3	5	8
R752 (SW)		147	0	0	147	R752 (SW)		3	0	0	3
R772 (NW)		364	0	0	364	R772 (NW)		5	0	0	5
TOTALS		511	147	379	1037	TOTALS		8	3	5	16
2026 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)					2026 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
R750 (E)		31	1741	8163	9935	R750 (E)		0	76	270	346
R752 (SW)		1677	5	2346	4028	R752 (SW)		68	0	164	232
R772 (NW)		7773	2277	27	10077	R772 (NW)		278	150	0	428
TOTALS		9481	4023	10536	24040	TOTALS		346	226	434	1006
2026 Light Vehicles TRAFFIC REDISTRIBUTION VIA RIRR					2026 Heavy Vehicles TRAFFIC REDISTRIBUTION VIA RIRR						
R750 (E)		0	0	-2130	-2130	R750 (E)		0	0	-75	-75
R752 (SW)		0	0	0	0	R752 (SW)		0	0	0	0
R772 (NW)		-1970	0	0	-1970	R772 (NW)		-74	0	0	-74
TOTALS		-1970	0	-2130	-4100	TOTALS		-74	0	-75	-149
2026 Light Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR					2026 Heavy Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR						
R750 (E)		0	147	0	147	R750 (E)		0	3	0	3
R752 (SW)		147	0	0	147	R752 (SW)		3	0	0	3
R772 (NW)		0	0	0	0	R772 (NW)		0	0	0	0
TOTALS		147	147	0	294	TOTALS		3	3	0	6
2026 Light Vehicles SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE					2026 Heavy Vehicles SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE						
R750 (E)		0	0	0	0	R750 (E)		0	0	0	0
R752 (SW)		0	0	107	107	R752 (SW)		0	0	2	2
R772 (NW)		0	107	0	107	R772 (NW)		0	2	0	2
TOTALS		0	107	107	214	TOTALS		0	2	2	4
2026 Light Vehicles WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)					2026 Heavy Vehicles WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)						
R750 (E)		31	1741	5654	7426	R750 (E)		0	76	190	266
R752 (SW)		1677	5	2451	4135	R752 (SW)		68	0	166	234
R772 (NW)		5439	2384	27	7850	R772 (NW)		190	152	0	351
TOTALS		7147	4130	8134	19411	TOTALS		267	228	356	851
2028 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)					2028 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
R750 (E)		32	1780	8352	10164	R750 (E)		0	79	284	363
R752 (SW)		1714	5	2403	4122	R752 (SW)		72	0	172	244
R772 (NW)		7953	3333	28	10314	R772 (NW)		292	158	0	450
TOTALS		9699	4118	10783	24600	TOTALS		364	237	456	1057
2028 Light Vehicles SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE					2028 Heavy Vehicles SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE						
R750 (E)		0	0	0	0	R750 (E)		0	0	0	0
R752 (SW)		0	0	131	131	R752 (SW)		0	0	4	4
R772 (NW)		0	131	0	131	R772 (NW)		0	2	0	2
TOTALS		0	131	131	262	TOTALS		0	2	4	6
2028 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)					2028 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)						
R750 (E)		32	1780	5843	7655	R750 (E)		0	79	204	283
R752 (SW)		1714	5	2534	4253	R752 (SW)		72	0	176	248
R772 (NW)		5619	2464	28	8111	R772 (NW)		213	160	0	373
TOTALS		7365	4249	8405	20019	TOTALS		285	239	380	904
2033 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)					2033 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
R750 (E)		33	1832	8607	10472	R750 (E)		0	84	303	387
R752 (SW)		1764	5	2480	4249	R752 (SW)		76	0	184	260
R772 (NW)		8195	2407	28	10630	R772 (NW)		311	169	0	480
TOTALS		9992	4244	11115	25351	TOTALS		387	253	487	1127
2033 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)					2033 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)						
R750 (E)		33	1832	6098	7963	R750 (E)		0	84	223	307
R752 (SW)		1764	5	2511	4380	R752 (SW)		76	0	188	264
R772 (NW)		5861	2538	28	8427	R772 (NW)		232	171	0	403
TOTALS		7658	4375	8737	20770	TOTALS		308	255	411	974
2043 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)					2043 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
R750 (E)		34	1878	8831	10743	R750 (E)		0	94	337	431
R752 (SW)		1808	6	2547	4361	R752 (SW)		85	0	205	290
R772 (NW)		8409	2473	29	10911	R772 (NW)		347	188	0	535
TOTALS		10251	4357	11407	26015	TOTALS		432	282	542	1256
2043 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)					2043 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)						
R750 (E)		34	1878	6322	8234	R750 (E)		0	94	257	351
R752 (SW)		1808	6	2678	4492	R752 (SW)		85	0	209	294
R772 (NW)		6075	2604	29	8708	R772 (NW)		268	190	0	458
TOTALS		7917	4488	9029	21434	TOTALS		353	284	466	1103

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Weekday Peak Hour Traffic Flow Matrices (Passenger Car Units) - Junction 3

2023 AM Peak (08:15-09:15) SURVEYED TRAFFIC FLOWS

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	37	705	742
R761 (NE)		13	0	57	70
R772 (SE)		889	80	0	969
TOTALS		902	117	762	1781

2023 PM Peak (16:30-17:30) SURVEYED TRAFFIC FLOWS

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	66	744	810
R761 (NE)		53	0	164	217
R772 (SE)		668	111	0	779
TOTALS		721	177	908	1806

2023 AM Peak BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	37	705	742
R761 (NE)		13	0	57	70
R772 (SE)		889	80	0	969
TOTALS		902	117	762	1781

2023 PM Peak BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	66	744	810
R761 (NE)		53	0	164	217
R772 (SE)		668	111	0	779
TOTALS		721	177	908	1806

2026 AM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	0	18	18
R761 (NE)		0	0	1	1
R772 (SE)		45	4	0	49
TOTALS		45	4	19	68

2026 PM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	0	42	42
R761 (NE)		0	0	5	5
R772 (SE)		21	2	0	23
TOTALS		21	2	47	70

2026 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	38	749	787
R761 (NE)		13	0	60	73
R772 (SE)		967	87	0	1054
TOTALS		980	125	809	1914

2026 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	68	813	881
R761 (NE)		55	0	175	230
R772 (SE)		713	117	0	830
TOTALS		768	185	988	1941

2026 AM Peak TRAFFIC REDISTRIBUTION VIA RIRR

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	155	-155	0
R761 (NE)		205	0	-10	195
R772 (SE)		-205	-18	0	-223
TOTALS		0	137	-165	-28

2026 PM Peak TRAFFIC REDISTRIBUTION VIA RIRR

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	169	-169	0
R761 (NE)		166	0	-21	145
R772 (SE)		-166	-13	0	-179
TOTALS		0	156	-190	-34

2026 AM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	18	0	18
R761 (NE)		45	0	0	45
R772 (SE)		0	0	0	0
TOTALS		45	18	0	63

2026 PM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	42	0	42
R761 (NE)		21	0	0	21
R772 (SE)		0	0	0	0
TOTALS		21	42	0	63

2026 AM Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	34	0	34
R761 (NE)		42	0	9	51
R772 (SE)		0	12	0	12
TOTALS		42	46	9	97

2026 PM Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	42	0	42
R761 (NE)		37	0	15	52
R772 (SE)		0	11	0	11
TOTALS		37	53	15	105

2026 AM Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	245	576	821
R761 (NE)		305	0	58	363
R772 (SE)		717	77	0	794
TOTALS		1022	322	634	1978

2026 PM Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	321	602	923
R761 (NE)		279	0	164	443
R772 (SE)		526	113	0	639
TOTALS		805	434	766	2005

2028 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	39	767	806
R761 (NE)		14	0	62	76
R772 (SE)		989	89	0	1078
TOTALS		1003	128	829	1960

2028 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	70	832	902
R761 (NE)		56	0	179	235
R772 (SE)		730	120	0	850
TOTALS		786	190	1011	1987

2028 AM Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	14	0	14
R761 (NE)		38	0	10	48
R772 (SE)		0	9	0	9
TOTALS		38	23	10	71

2028 PM Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	37	0	37
R761 (NE)		19	0	12	31
R772 (SE)		0	12	0	12
TOTALS		19	49	12	80

2028 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	226	594	820
R761 (NE)		302	0	61	363
R772 (SE)		739	76	0	815
TOTALS		1041	302	655	1998

2028 PM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	318	621	939
R761 (NE)		262	0	165	427
R772 (SE)		543	117	0	660
TOTALS		805	435	786	2026

2033 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	41	790	831
R761 (NE)		14	0	63	77
R772 (SE)		1019	92	0	1111
TOTALS		1033	133	853	2019

2033 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	72	857	929
R761 (NE)		58	0	185	243
R772 (SE)		753	124	0	877
TOTALS		811	196	1042	2049

2033 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	228	617	845
R761 (NE)		302	0	62	364
R772 (SE)		769	79	0	848
TOTALS		1071	307	679	2057

2033 PM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	320	646	966
R761 (NE)		264	0	171	435
R772 (SE)		566	121	0	687
TOTALS		830	441	817	2088

2043 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	42	812	854
R761 (NE)		15	0	65	80
R772 (SE)		1046	94	0	1140
TOTALS		1061	136	877	2074

2043 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	74	879	953
R761 (NE)		60	0	190	250
R772 (SE)		773	127	0	900
TOTALS		833	201	1069	2103

2043 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	229	639	868
R761 (NE)		303	0	64	367
R772 (SE)		796	81	0	877
TOTALS		1099	310	703	2112

2043 PM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	322	668	990
R761 (NE)		266	0	176	442
R772 (SE)		586	124	0	710
TOTALS		852	446	844	2142

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Weekend Peak Hour Traffic Flow Matrices (Passenger Car Units) - Junction 3

2023 SAT Peak (11:45-12:45) SURVEYED TRAFFIC FLOWS

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	47	630	677
R761 (NE)		43	0	111	154
R772 (SE)		685	100	0	785
TOTALS		728	147	741	1616

2023 SUN Peak (13:30-14:30) SURVEYED TRAFFIC FLOWS

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	59	573	632
R761 (NE)		41	0	115	156
R772 (SE)		677	104	0	781
TOTALS		718	163	688	1569

2023 SAT Peak BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	47	630	677
R761 (NE)		43	0	111	154
R772 (SE)		685	100	0	785
TOTALS		728	147	741	1616

2023 SUN Peak BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	59	573	632
R761 (NE)		41	0	115	156
R772 (SE)		677	104	0	781
TOTALS		718	163	688	1569

2026 SAT Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	0	22	22
R761 (NE)		0	0	2	2
R772 (SE)		26	1	0	27
TOTALS		26	1	24	51

2026 SUN Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	0	24	24
R761 (NE)		0	0	2	2
R772 (SE)		26	2	0	28
TOTALS		26	2	26	54

2026 SAT Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	49	675	724
R761 (NE)		45	0	117	162
R772 (SE)		736	105	0	841
TOTALS		781	154	792	1727

2026 SUN Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	61	618	679
R761 (NE)		43	0	121	164
R772 (SE)		728	110	0	838
TOTALS		771	171	739	1681

2026 SAT Peak TRAFFIC REDISTRIBUTION VIA RIRR

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	142	-142	0
R761 (NE)		178	0	-11	167
R772 (SE)		-178	-10	0	-188
TOTALS		0	132	-153	-21

2026 SUN Peak TRAFFIC REDISTRIBUTION VIA RIRR

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	135	-135	0
R761 (NE)		165	0	-12	153
R772 (SE)		-165	-15	0	-180
TOTALS		0	120	-147	-27

2026 SAT Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	22	0	22
R761 (NE)		26	0	0	26
R772 (SE)		0	0	0	0
TOTALS		26	22	0	48

2026 SUN Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	24	0	24
R761 (NE)		26	0	0	26
R772 (SE)		0	0	0	0
TOTALS		26	24	0	50

2026 SAT Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	30	0	30
R761 (NE)		32	0	9	41
R772 (SE)		0	9	0	9
TOTALS		32	39	9	80

2026 SUN Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	15	0	15
R761 (NE)		16	0	5	21
R772 (SE)		0	7	0	7
TOTALS		16	22	5	43

2026 SAT Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	243	511	754
R761 (NE)		281	0	113	394
R772 (SE)		532	103	0	635
TOTALS		813	346	624	1783

2026 SUN Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	235	459	694
R761 (NE)		250	0	112	362
R772 (SE)		537	100	0	637
TOTALS		787	335	571	1693

2028 SAT Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	50	691	741
R761 (NE)		46	0	120	166
R772 (SE)		753	107	0	860
TOTALS		799	157	811	1767

2028 SUN Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	63	632	695
R761 (NE)		44	0	124	168
R772 (SE)		745	112	0	857
TOTALS		789	175	756	1720

2028 AM Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	20	0	20
R761 (NE)		23	0	11	34
R772 (SE)		0	9	0	9
TOTALS		23	29	11	63

2028 SUN Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	22	0	22
R761 (NE)		24	0	8	32
R772 (SE)		0	9	0	9
TOTALS		24	31	8	63

2028 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	234	527	761
R761 (NE)		273	0	118	391
R772 (SE)		549	105	0	654
TOTALS		822	339	645	1806

2028 SUN Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	244	473	717
R761 (NE)		259	0	118	377
R772 (SE)		554	104	0	658
TOTALS		813	348	591	1752

2033 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	51	712	763
R761 (NE)		47	0	124	171
R772 (SE)		777	111	0	888
TOTALS		824	162	836	1822

2033 SUN Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	65	652	717
R761 (NE)		45	0	128	173
R772 (SE)		768	116	0	884
TOTALS		813	181	780	1774

2033 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	235	548	783
R761 (NE)		274	0	122	396
R772 (SE)		573	109	0	682
TOTALS		847	344	670	1861

2033 SUN Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	246	493	739
R761 (NE)		260	0	122	382
R772 (SE)		577	108	0	685
TOTALS		837	354	615	1806

2043 SAT Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	53	731	784
R761 (NE)		48	0	127	175
R772 (SE)		797	144	0	941
TOTALS		845	167	858	1870

2043 SUN Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	66	669	735
R761 (NE)		46	0	131	177
R772 (SE)		798	119	0	917
TOTALS		844	185	800	1819

2043 SAT Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	237	567	804
R761 (NE)		275	0	125	400
R772 (SE)		593	112	0	705
TOTALS		868	349	692	1909

2043 SUN Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	247	510	757
R761 (NE)		261	0	125	386
R772 (SE)		597	111	0	708
TOTALS		858	358	635	1851

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AADT Traffic Flow Matrices (Light and Heavy Vehicles) - Junction 3

2023 Light Vehicles AADT SURVEYED TRAFFIC FLOWS					2023 Heavy Vehicles AADT SURVEYED TRAFFIC FLOWS						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	667	7920	8587	R772 (NW)		0	22	403	425
R761 (NE)		472	0	1408	1880	R761 (NE)		23	0	34	57
R772 (SE)		8538	1199	0	9737	R772 (SE)		406	30	0	436
TOTALS		9010	1866	9328	20204	TOTALS		429	52	437	918

2023 Light Vehicles BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)					2023 Heavy Vehicles BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	667	7920	8587	R772 (NW)		0	22	403	425
R761 (NE)		472	0	1408	1880	R761 (NE)		23	0	34	57
R772 (SE)		8538	1199	0	9737	R772 (SE)		406	30	0	436
TOTALS		9010	1866	9328	20204	TOTALS		429	52	437	918

2026 Light Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR					2026 Heavy Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	0	337	337	R772 (NW)		0	0	5	5
R761 (NE)		0	0	27	27	R761 (NE)		0	0	0	0
R772 (SE)		354	25	0	379	R772 (SE)		5	0	0	5
TOTALS		354	25	364	743	TOTALS		5	0	5	10

2026 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)					2026 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	691	8547	9238	R772 (NW)		0	23	423	446
R761 (NE)		489	0	1487	1976	R761 (NE)		24	0	35	59
R772 (SE)		9205	1268	0	10473	R772 (SE)		426	31	0	457
TOTALS		9694	1959	10034	21687	TOTALS		450	54	458	962

2026 Light Vehicles TRAFFIC REDISTRIBUTION VIA RIRR					2026 Heavy Vehicles TRAFFIC REDISTRIBUTION VIA RIRR						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	1824	-1824	0	R772 (NW)		0	69	-69	0
R761 (NE)		1991	0	-146	1845	R761 (NE)		70	0	-5	65
R772 (SE)		-1991	-139	0	-2130	R772 (SE)		-70	-5	0	-75
TOTALS		0	1685	-1970	-285	TOTALS		0	64	-74	-10

2026 Light Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR					2026 Heavy Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	337	0	337	R772 (NW)		0	5	0	5
R761 (NE)		354	0	0	354	R761 (NE)		5	0	0	5
R772 (SE)		0	0	0	0	R772 (SE)		0	0	0	0
TOTALS		354	337	0	691	TOTALS		5	5	0	10

2026 Light Vehicles SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE					2026 Heavy Vehicles SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	243	0	243	R772 (NW)		0	62	0	62
R761 (NE)		255	0	107	362	R761 (NE)		62	0	2	64
R772 (SE)		0	107	0	107	R772 (SE)		0	2	0	2
TOTALS		255	350	107	712	TOTALS		62	64	2	128

2026 Light Vehicles WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)					2026 Heavy Vehicles WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	3095	6386	9481	R772 (NW)		0	159	349	508
R761 (NE)		3089	0	1421	4510	R761 (NE)		161	0	32	193
R772 (SE)		6860	1211	0	8071	R772 (SE)		351	28	0	379
TOTALS		9949	4306	7807	22062	TOTALS		512	187	381	1080

2028 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)					2028 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	708	8747	9455	R772 (NW)		0	24	444	468
R761 (NE)		501	0	1522	2023	R761 (NE)		25	0	37	62
R772 (SE)		9420	1298	0	10718	R772 (SE)		447	33	0	480
TOTALS		9921	2006	10269	22196	TOTALS		472	57	481	1010

2028 Light Vehicles SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE					2028 Heavy Vehicles SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	301	0	301	R772 (NW)		0	6	0	6
R761 (NE)		315	0	131	446	R761 (NE)		6	0	2	8
R772 (SE)		0	131	0	131	R772 (SE)		0	4	0	4
TOTALS		315	432	131	878	TOTALS		6	10	2	18

2028 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)					2028 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	3170	6586	9756	R772 (NW)		0	104	370	474
R761 (NE)		3161	0	1480	4641	R761 (NE)		106	0	34	140
R772 (SE)		7075	1265	0	8340	R772 (SE)		372	32	0	404
TOTALS		10236	4435	8066	22737	TOTALS		478	136	404	1018

2033 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)					2033 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	731	9015	9746	R772 (NW)		0	26	473	499
R761 (NE)		517	0	1570	2087	R761 (NE)		27	0	40	67
R772 (SE)		9709	1339	0	11048	R772 (SE)		477	35	0	512
TOTALS		10226	2070	10585	22881	TOTALS		504	61	513	1078

2033 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)					2033 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	3193	6854	10047	R772 (NW)		0	106	399	505
R761 (NE)		3177	0	1528	4705	R761 (NE)		108	0	37	145
R772 (SE)		7364	1306	0	8670	R772 (SE)		402	34	0	436
TOTALS		10541	4499	8382	23422	TOTALS		510	140	436	1086

2043 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)					2043 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	751	9252	10003	R772 (NW)		0	29	528	557
R761 (NE)		531	0	1612	2143	R761 (NE)		30	0	44	74
R772 (SE)		9965	1376	0	11340	R772 (SE)		532	39	0	571
TOTALS		10496	2126	10864	23486	TOTALS		562	68	572	1202

2043 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)					2043 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)						
From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS	From	To	R772 (NW)	R761 (NE)	R772 (SE)	TOTALS
R772 (NW)		0	3213	7091	10304	R772 (NW)		0	109	454	563
R761 (NE)		3191	0	1570	4761	R761 (NE)		111	0	41	152
R772 (SE)		7620	1342	0	8962	R772 (SE)		457	38	0	495
TOTALS		10811	4555	8661	24027	TOTALS		568	147	495	1210

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Weekday Peak Hour Traffic Flow Matrices (Passenger Car Units) - Junction 4

2023 AM Peak (08:15-09:15) SURVEYED TRAFFIC FLOWS						2023 PM Peak (16:30-17:30) SURVEYED TRAFFIC FLOWS												
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS					
ALDI Access	ALDI Access	0	12	1	0	13	ALDI Access	ALDI Access	0	128	9	0	137					
R761 (SW)	ALDI Access	30	2	76	8	116	R761 (SW)	ALDI Access	123	2	55	1	181					
R761 (NW)	R761 (SW)	2	47	0	0	49	R761 (NW)	R761 (SW)	9	88	0	0	97					
Rathnew Inner Relief Road (NE)	R761 (NW)	0	7	0	0	7	Rathnew Inner Relief Road (NE)	Rathnew Inner Relief Road (NE)	0	0	0	0	0					
TOTALS						32	68	77	8	185	TOTALS							
32						68	77	8	132						226	64	1	423

2023 AM Peak (08:15-09:15) BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)						2023 PM Peak (16:30-17:30) BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)												
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS					
ALDI Access	ALDI Access	0	12	1	0	13	ALDI Access	ALDI Access	0	128	9	0	137					
R761 (SW)	ALDI Access	30	2	76	8	116	R761 (SW)	ALDI Access	123	2	55	1	181					
R761 (NW)	R761 (SW)	2	47	0	0	49	R761 (NW)	R761 (SW)	9	88	0	0	97					
Rathnew Inner Relief Road (NE)	R761 (NW)	0	7	0	0	7	Rathnew Inner Relief Road (NE)	Rathnew Inner Relief Road (NE)	0	0	0	0	0					
TOTALS						32	68	77	8	185	TOTALS							
32						68	77	8	132						226	64	1	423

2026 AM Peak (08:15-09:15) OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR						2026 PM Peak (16:30-17:30) OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	ALDI Access	0	0	0	0	0	ALDI Access	ALDI Access	0	0	0	0	0
R761 (SW)	ALDI Access	0	0	4	0	4	R761 (SW)	ALDI Access	0	0	2	0	2
R761 (NW)	R761 (SW)	0	1	0	0	1	R761 (NW)	R761 (SW)	0	5	0	0	5
Rathnew Inner Relief Road (NE)	R761 (NW)	0	0	0	0	0	Rathnew Inner Relief Road (NE)	Rathnew Inner Relief Road (NE)	0	0	0	0	0
TOTALS						0	1	4	0	5	2	0	7

2026 AM Peak (08:15-09:15) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						2026 PM Peak (16:30-17:30) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)												
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS					
ALDI Access	ALDI Access	0	12	1	0	13	ALDI Access	ALDI Access	0	133	9	0	142					
R761 (SW)	ALDI Access	31	2	83	8	124	R761 (SW)	ALDI Access	128	2	59	1	190					
R761 (NW)	R761 (SW)	2	50	0	0	52	R761 (NW)	R761 (SW)	9	96	0	0	105					
Rathnew Inner Relief Road (NE)	R761 (NW)	0	7	0	0	7	Rathnew Inner Relief Road (NE)	Rathnew Inner Relief Road (NE)	0	8	0	0	8					
TOTALS						33	71	84	8	196	TOTALS							
33						71	84	8	137						239	68	1	445

2026 AM Peak (08:15-09:15) TRAFFIC REDISTRIBUTION VIA RIRR						2026 PM Peak (16:30-17:30) TRAFFIC REDISTRIBUTION VIA RIRR													
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS						
ALDI Access	ALDI Access	0	0	0	0	0	ALDI Access	ALDI Access	0	0	0	0	0						
R761 (SW)	ALDI Access	0	0	-18	155	137	R761 (SW)	ALDI Access	0	0	-13	169	156						
R761 (NW)	R761 (SW)	0	-10	0	10	0	R761 (NW)	R761 (SW)	0	-21	0	21	0						
Rathnew Inner Relief Road (NE)	R761 (NW)	0	205	18	0	223	Rathnew Inner Relief Road (NE)	Rathnew Inner Relief Road (NE)	0	166	13	0	179						
TOTALS						0	195	0	165	360	TOTALS								
0						195	0	165	360	0						145	0	190	335

2026 AM Peak (08:15-09:15) OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR						2026 PM Peak (16:30-17:30) OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR													
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS						
ALDI Access	ALDI Access	0	0	0	0	0	ALDI Access	ALDI Access	0	0	0	0	0						
R761 (SW)	ALDI Access	0	0	0	18	18	R761 (SW)	ALDI Access	0	0	0	42	42						
R761 (NW)	R761 (SW)	0	0	0	1	1	R761 (NW)	R761 (SW)	0	0	0	5	5						
Rathnew Inner Relief Road (NE)	R761 (NW)	0	45	4	0	49	Rathnew Inner Relief Road (NE)	Rathnew Inner Relief Road (NE)	0	21	2	0	23						
TOTALS						0	45	4	19	68	TOTALS								
0						45	4	19	68	0						21	2	47	70

2026 AM Peak (08:15-09:15) SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE						2026 PM Peak (16:30-17:30) SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE													
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS						
ALDI Access	ALDI Access	0	0	0	0	0	ALDI Access	ALDI Access	0	0	0	0	0						
R761 (SW)	ALDI Access	0	0	0	46	46	R761 (SW)	ALDI Access	0	0	0	53	53						
R761 (NW)	R761 (SW)	0	0	0	2	2	R761 (NW)	R761 (SW)	0	0	0	3	3						
Rathnew Inner Relief Road (NE)	R761 (NW)	0	51	2	0	53	Rathnew Inner Relief Road (NE)	Rathnew Inner Relief Road (NE)	0	52	4	0	56						
TOTALS						0	51	2	48	101	TOTALS								
0						51	2	48	101	0						52	4	56	112

2026 AM Peak (08:15-09:15) WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						2026 PM Peak (16:30-17:30) WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)													
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS						
ALDI Access	ALDI Access	0	12	1	0	13	ALDI Access	ALDI Access	0	133	9	0	142						
R761 (SW)	ALDI Access	31	2	61	227	321	R761 (SW)	ALDI Access	128	2	44	265	439						
R761 (NW)	R761 (SW)	2	39	0	13	54	R761 (NW)	R761 (SW)	9	70	0	29	108						
Rathnew Inner Relief Road (NE)	R761 (NW)	0	308	24	0	332	Rathnew Inner Relief Road (NE)	Rathnew Inner Relief Road (NE)	0	247	19	0	266						
TOTALS						33	361	86	240	720	TOTALS								
33						361	86	240	720	137						452	72	294	955

2028 AM Peak (08:15-09:15) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						2028 PM Peak (16:30-17:30) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)												
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS					
ALDI Access	ALDI Access	0	13	1	0	14	ALDI Access	ALDI Access	0	136	10	0	146					
R761 (SW)	ALDI Access	32	2	85	8	127	R761 (SW)	ALDI Access	131	2	60	1	194					
R761 (NW)	R761 (SW)	2	51	0	0	53	R761 (NW)	R761 (SW)	10	98	0	0	108					
Rathnew Inner Relief Road (NE)	R761 (NW)	0	7	0	0	7	Rathnew Inner Relief Road (NE)	Rathnew Inner Relief Road (NE)	0	8	0	0	8					
TOTALS						34	73	86	8	201	TOTALS							
34						73	86	8	141						244	70	1	456

2028 AM Peak (08:15-09:15) SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE						2028 PM Peak (16:30-17:30) SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE													
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS						
ALDI Access	ALDI Access	0	0	0	0	0	ALDI Access	ALDI Access	0	0	0	0	0						
R761 (SW)	ALDI Access	0	0	0	23	23	R761 (SW)	ALDI Access	0	0	0	49	49						
R761 (NW)	R761 (SW)	0	0	0	1	1	R761 (NW)	R761 (SW)	0	0	0	5	5						
Rathnew Inner Relief Road (NE)	R761 (NW)	0	48	3	0	51	Rathnew Inner Relief Road (NE)	Rathnew Inner Relief Road (NE)	0	31	2	0	33						
TOTALS						0	48	3	24	75	TOTALS								
0						48	3	24	75	0						31	2	54	87

2028 AM Peak (08:15-09:15) WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						2028 PM Peak (16:30-17:30) WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)													
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS						
ALDI Access	ALDI Access	0	13	1	0	14	ALDI Access	ALDI Access	0	136	10	0	146						
R761 (SW)	ALDI Access	32	2	63	204	301	R761 (SW)	ALDI Access	131	2	45	261	439						
R761 (NW)	R761 (SW)	2	40	0	12	54	R761 (NW)	R761 (SW)	10	72	0	31	113						
Rathnew Inner Relief Road (NE)	R761 (NW)	0	305	25	0	330	Rathnew Inner Relief Road (NE)	Rathnew Inner Relief Road (NE)	0	226	17	0	243						
TOTALS						34	360	89	216	699	TOTALS								
34						360	89	216	699	141						436	72	292	941

2033 AM Peak (08:15-09:15) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						2033 PM Peak (16:30-17:30) WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)												
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS					
ALDI Access	ALDI Access	0	13	1	0	14	ALDI Access	ALDI Access	0	140	10	0	150					
R761 (SW)	ALDI Access	33	2	87	9	131	R761 (SW)	ALDI Access	135	2	62	1	200					
R761 (NW)	R761 (SW)	2	52	0	0	54	R761 (NW)	R761 (SW)	10	101	0	0	111					
Rathnew Inner Relief Road (NE)	R761 (NW)	0	8	0	0	8	Rathnew Inner Relief Road (NE)	Rathnew Inner Relief Road (NE)	0	9	0	0	9					
TOTALS						35	75	88	9	207	TOTALS							
35						75	88	9	145						252	72	1	470

2033 AM Peak (08:15-09:15) WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						2033 PM Peak (16:30-17:30) WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	ALDI Access	0	13	1	0	14	ALDI Access	ALDI Access	0	140	10	0	150
R761 (SW)	ALDI Access	33	2	65	205	305	R761 (SW)	ALDI Access	135	2	47	261	445
R761 (NW)	R761 (SW)	2	41	0	12	55	R761 (NW)	R761 (SW)	10	75	0	31	

Weekend Peak Hour Traffic Flow Matrices (Passenger Car Units) - Junction 4

2023 SAT Peak (11:45-12:45) SURVEYED TRAFFIC FLOWS						2023 SUN Peak (13:30-14:30) SURVEYED TRAFFIC FLOWS							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	124	4	0	0	128	ALDI Access	0	117	13	0	0	130
R761 (SW)	131	1	37	0	0	169	R761 (SW)	117	4	50	0	0	171
R761 (NW)	5	48	1	0	0	54	R761 (NW)	8	44	0	0	0	52
Rathnew Inner Relief Road (NE)	0	0	0	0	0	0	Rathnew Inner Relief Road (NE)	0	0	0	0	0	0
TOTALS	136	173	42	0	0	351	TOTALS	125	165	63	0	0	353

2023 SAT Peak (surveyed flows + TI growth factor) BASELINE TRAFFIC FLOWS						2023 SUN Peak (surveyed flows + TI growth factor) BASELINE TRAFFIC FLOWS							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	124	4	0	0	128	ALDI Access	0	117	13	0	0	130
R761 (SW)	131	1	37	0	0	169	R761 (SW)	117	4	50	0	0	171
R761 (NW)	5	48	1	0	0	54	R761 (NW)	8	44	0	0	0	52
Rathnew Inner Relief Road (NE)	0	0	0	0	0	0	Rathnew Inner Relief Road (NE)	0	0	0	0	0	0
TOTALS	136	173	42	0	0	351	TOTALS	125	165	63	0	0	353

2026 SAT Peak (surveyed flows + TI growth factor + committed development) OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR						2026 SUN Peak (surveyed flows + TI growth factor + committed development) OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	0	0	0	0	0	ALDI Access	0	0	0	0	0	0
R761 (SW)	0	0	1	0	0	1	R761 (SW)	0	0	0	2	0	2
R761 (NW)	0	2	0	0	0	2	R761 (NW)	0	2	0	0	0	2
Rathnew Inner Relief Road (NE)	0	0	0	0	0	0	Rathnew Inner Relief Road (NE)	0	0	0	0	0	0
TOTALS	0	2	1	0	0	3	TOTALS	0	2	2	0	4	

2026 SAT Peak (surveyed flows + TI growth factor + committed development) WITHOUT SUBJECT DEVELOPMENT						2026 SUN Peak (surveyed flows + TI growth factor + committed development) WITHOUT SUBJECT DEVELOPMENT							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	129	4	0	0	133	ALDI Access	0	121	13	0	0	134
R761 (SW)	136	1	39	0	0	176	R761 (SW)	121	4	54	0	0	179
R761 (NW)	5	52	1	0	0	58	R761 (NW)	8	48	0	0	0	56
Rathnew Inner Relief Road (NE)	0	0	0	0	0	0	Rathnew Inner Relief Road (NE)	0	0	0	0	0	0
TOTALS	141	182	44	0	0	367	TOTALS	129	173	67	0	369	

2026 SAT Peak TRAFFIC REDISTRIBUTION VIA RIRR						2026 SUN Peak TRAFFIC REDISTRIBUTION VIA RIRR							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	0	0	0	0	0	ALDI Access	0	0	0	0	0	0
R761 (SW)	0	0	-10	142	132	164	R761 (SW)	0	0	-15	135	120	140
R761 (NW)	0	-11	0	11	0	0	R761 (NW)	0	-12	0	12	0	0
Rathnew Inner Relief Road (NE)	0	178	10	0	188	188	Rathnew Inner Relief Road (NE)	0	165	15	0	180	
TOTALS	0	167	0	153	320	320	TOTALS	0	153	0	147	300	

2026 SAT Peak (surveyed flows + TI growth factor + committed development) OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR						2026 SUN Peak (surveyed flows + TI growth factor + committed development) OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	0	0	0	0	0	ALDI Access	0	0	0	0	0	0
R761 (SW)	0	0	0	22	22	44	R761 (SW)	0	0	0	24	24	48
R761 (NW)	0	0	0	2	2	4	R761 (NW)	0	0	0	2	2	4
Rathnew Inner Relief Road (NE)	0	26	1	0	27	27	Rathnew Inner Relief Road (NE)	0	26	2	0	28	
TOTALS	0	26	1	24	51	51	TOTALS	0	26	2	26	54	

2026 SAT Peak (surveyed flows + TI growth factor + committed development) SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE						2026 SUN Peak (surveyed flows + TI growth factor + committed development) SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	0	0	0	0	0	ALDI Access	0	0	0	0	0	0
R761 (SW)	0	0	0	39	39	78	R761 (SW)	0	0	0	22	22	44
R761 (NW)	0	0	0	1	1	2	R761 (NW)	0	0	0	2	2	4
Rathnew Inner Relief Road (NE)	0	41	1	0	42	42	Rathnew Inner Relief Road (NE)	0	21	2	0	23	
TOTALS	0	41	1	40	82	82	TOTALS	0	21	2	24	47	

2026 SAT Peak (surveyed flows + TI growth factor + redistribution + committed dev. + subject dev.) WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION						2026 SUN Peak (surveyed flows + TI growth factor + redistribution + committed dev. + subject dev.) WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	129	4	0	0	133	ALDI Access	0	121	13	0	0	134
R761 (SW)	136	1	28	203	368	568	R761 (SW)	121	4	37	181	343	
R761 (NW)	5	39	1	14	59	99	R761 (NW)	8	34	0	16	58	
Rathnew Inner Relief Road (NE)	0	245	12	0	257	257	Rathnew Inner Relief Road (NE)	0	212	19	0	231	
TOTALS	141	414	45	217	817	817	TOTALS	129	371	69	197	766	

2028 SAT Peak (surveyed flows + TI growth factor + committed development) WITHOUT SUBJECT DEVELOPMENT						2028 SUN Peak (surveyed flows + TI growth factor + committed development) WITHOUT SUBJECT DEVELOPMENT							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	132	4	0	0	136	ALDI Access	0	124	14	0	0	138
R761 (SW)	139	1	40	0	0	180	R761 (SW)	124	4	55	0	0	183
R761 (NW)	5	53	1	0	0	59	R761 (NW)	8	49	0	0	0	57
Rathnew Inner Relief Road (NE)	0	0	0	0	0	0	Rathnew Inner Relief Road (NE)	0	0	0	0	0	
TOTALS	144	186	45	0	0	375	TOTALS	132	177	69	0	378	

2028 SAT Peak (surveyed flows + TI growth factor + committed development) SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE						2028 SUN Peak (surveyed flows + TI growth factor + committed development) SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	0	0	0	0	0	ALDI Access	0	0	0	0	0	0
R761 (SW)	0	0	0	29	29	58	R761 (SW)	0	0	0	31	31	62
R761 (NW)	0	0	0	2	2	4	R761 (NW)	0	0	0	2	2	4
Rathnew Inner Relief Road (NE)	0	34	1	0	35	35	Rathnew Inner Relief Road (NE)	0	32	2	0	34	
TOTALS	0	34	1	31	66	66	TOTALS	0	32	2	33	67	

2028 SAT Peak (surveyed flows + TI growth factor + redistribution + committed dev. + subject dev.) WITH SUBJECT DEVELOPMENT IN OPERATION						2028 SUN Peak (surveyed flows + TI growth factor + redistribution + committed dev. + subject dev.) WITH SUBJECT DEVELOPMENT IN OPERATION							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	132	4	0	0	136	ALDI Access	0	124	14	0	0	138
R761 (SW)	139	1	29	193	362	565	R761 (SW)	124	4	38	190	356	
R761 (NW)	5	40	1	15	61	81	R761 (NW)	8	35	0	16	59	
Rathnew Inner Relief Road (NE)	0	238	12	0	250	250	Rathnew Inner Relief Road (NE)	0	223	19	0	242	
TOTALS	144	411	46	208	809	809	TOTALS	132	386	71	206	795	

2033 SAT Peak (surveyed flows + TI growth factor + committed development) WITHOUT SUBJECT DEVELOPMENT						2033 SUN Peak (surveyed flows + TI growth factor + committed development) WITHOUT SUBJECT DEVELOPMENT							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	135	4	0	0	140	ALDI Access	0	128	14	0	0	142
R761 (SW)	144	1	42	0	0	187	R761 (SW)	128	4	57	0	0	189
R761 (NW)	5	55	1	0	0	61	R761 (NW)	9	50	0	0	59	
Rathnew Inner Relief Road (NE)	0	0	0	0	0	0	Rathnew Inner Relief Road (NE)	0	0	0	0	0	
TOTALS	149	192	47	0	0	388	TOTALS	137	182	71	0	390	

2033 SAT Peak (surveyed flows + TI growth factor + committed development) WITH SUBJECT DEVELOPMENT IN OPERATION						2033 SUN Peak (surveyed flows + TI growth factor + committed development) WITH SUBJECT DEVELOPMENT IN OPERATION							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	135	4	0	0	140	ALDI Access	0	128	14	0	0	142
R761 (SW)	144	1	31	193	369	568	R761 (SW)	128	4	40	190	362	
R761 (NW)	5	42	1	15	63	83	R761 (NW)	9	36	0	16	61	
Rathnew Inner Relief Road (NE)	0	238	12	0	250	250	Rathnew Inner Relief Road (NE)	0	223	19	0	242	
TOTALS	149	417	48	208	822	822	TOTALS	137	391	73	206	807	

2043 SAT Peak (surveyed flows + TI growth factor + committed development) WITHOUT SUBJECT DEVELOPMENT						2043 SUN Peak (surveyed flows + TI growth factor + committed development) WITHOUT SUBJECT DEVELOPMENT							
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	140	5	0	0	145	ALDI Access	0	132	15	0	0	147
R761 (SW)	147	1	43	0	0	191	R761 (SW)	132	5	58	0	0	195
R761 (NW)	6	56	1	0	0	63	R761 (NW)	9	52	0	0	61	
Rathnew Inner Relief Road (NE)	0	0	0	0	0	0	Rathnew Inner Relief Road (NE)	0	0	0	0	0	
TOTALS	153	197	49	0	0	399	TOTALS	141	189	73	0	403	

AADT Traffic Flow Matrices (Light and Heavy Vehicles) - Junction 4

2023 Light Vehicles AADT						2023 Heavy Vehicles AADT							
		SURVEYED TRAFFIC FLOWS						SURVEYED TRAFFIC FLOWS					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	1	1221	80	1	1303	0	ALDI Access	0	5	0	0	5	
R761 (SW)	1248	30	547	29	1854	4	R761 (SW)	2	29	0	0	31	
R761 (NW)	75	608	3	1	687	0	R761 (NW)	30	0	0	0	30	
Rathnew Inner Relief Road (NE)	1	30	0	0	31	0	Rathnew Inner Relief Road (NE)	17	0	0	0	17	
TOTALS	1325	1889	630	31	3875	4	54	29	17	0	0	104	

2023 Light Vehicles BASELINE TRAFFIC FLOWS						2023 Heavy Vehicles BASELINE TRAFFIC FLOWS							
		(surveyed flows + TI growth factor)						(surveyed flows + TI growth factor)					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	1	1221	80	1	1303	0	ALDI Access	0	5	0	0	5	
R761 (SW)	1248	30	547	29	1854	4	R761 (SW)	2	29	0	0	31	
R761 (NW)	75	608	3	1	687	0	R761 (NW)	30	0	0	0	30	
Rathnew Inner Relief Road (NE)	1	30	0	0	31	0	Rathnew Inner Relief Road (NE)	17	0	0	0	17	
TOTALS	1325	1889	630	31	3875	4	54	29	17	0	0	104	

2026 Light Vehicles OTHER COMMITTED DEVELOPMENT FLOWS						2026 Heavy Vehicles OTHER COMMITTED DEVELOPMENT FLOWS							
		WITHOUT completion of RIRR						WITHOUT completion of RIRR					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	0	0	0	0	0	ALDI Access	0	0	0	0	0	
R761 (SW)	0	0	25	0	25	0	R761 (SW)	0	0	0	0	0	
R761 (NW)	0	27	0	0	27	0	R761 (NW)	0	0	0	0	0	
Rathnew Inner Relief Road (NE)	0	0	0	0	0	0	Rathnew Inner Relief Road (NE)	0	0	0	0	0	
TOTALS	0	27	25	0	52	0	0	0	0	0	0	0	

2026 Light Vehicles WITHOUT SUBJECT DEVELOPMENT						2026 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT							
		(surveyed flows + TI growth factor + committed development)						(surveyed flows + TI growth factor + committed development)					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	1	1266	83	1	1351	0	ALDI Access	0	5	0	0	5	
R761 (SW)	1294	31	592	30	1947	4	R761 (SW)	2	31	18	55		
R761 (NW)	78	657	3	1	739	0	R761 (NW)	32	0	0	32		
Rathnew Inner Relief Road (NE)	1	31	0	0	32	0	Rathnew Inner Relief Road (NE)	18	0	0	18		
TOTALS	1374	1985	678	32	4069	4	57	31	18	110	110		

2026 Light Vehicles TRAFFIC REDISTRIBUTION VIA RIRR						2026 Heavy Vehicles TRAFFIC REDISTRIBUTION VIA RIRR							
		WITHOUT completion of RIRR						WITHOUT completion of RIRR					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	0	0	0	0	0	ALDI Access	0	0	0	0	0	
R761 (SW)	0	0	-139	1824	1685	0	R761 (SW)	0	0	-5	69	64	
R761 (NW)	0	-146	0	146	0	0	R761 (NW)	0	-5	0	5	0	
Rathnew Inner Relief Road (NE)	0	1991	139	0	2130	0	Rathnew Inner Relief Road (NE)	0	70	5	0	75	
TOTALS	0	1845	0	1970	3815	0	0	65	0	74	139		

2026 Light Vehicles OTHER COMMITTED DEVELOPMENT FLOWS						2026 Heavy Vehicles OTHER COMMITTED DEVELOPMENT FLOWS							
		WITH completion of RIRR						WITH completion of RIRR					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	0	0	0	0	0	ALDI Access	0	0	0	0	0	
R761 (SW)	0	0	0	337	337	0	R761 (SW)	0	0	0	5	5	
R761 (NW)	0	0	0	27	27	0	R761 (NW)	0	0	0	0	0	
Rathnew Inner Relief Road (NE)	0	354	25	0	379	0	Rathnew Inner Relief Road (NE)	0	5	0	0	5	
TOTALS	0	354	25	364	743	0	0	5	0	5	10		

2026 Light Vehicles SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE						2026 Heavy Vehicles SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE							
		WITHOUT completion of RIRR						WITHOUT completion of RIRR					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	0	0	0	0	0	ALDI Access	0	0	0	0	0	
R761 (SW)	0	0	0	350	350	0	R761 (SW)	0	0	0	64	64	
R761 (NW)	0	0	0	21	21	0	R761 (NW)	0	0	0	0	0	
Rathnew Inner Relief Road (NE)	0	362	18	0	380	0	Rathnew Inner Relief Road (NE)	0	64	0	0	64	
TOTALS	0	362	18	371	751	0	0	64	0	64	128		

2026 Light Vehicles WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION						2026 Heavy Vehicles WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION							
		(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	1	1266	83	1	1351	0	ALDI Access	0	5	0	0	5	
R761 (SW)	1294	31	428	2541	4294	4	R761 (SW)	2	26	156	188		
R761 (NW)	78	484	3	195	760	0	R761 (NW)	0	27	0	5	32	
Rathnew Inner Relief Road (NE)	1	2738	182	0	2921	0	Rathnew Inner Relief Road (NE)	0	157	5	0	162	
TOTALS	1374	4519	696	2737	9326	4	191	31	161	387	387		

2028 Light Vehicles WITHOUT SUBJECT DEVELOPMENT						2028 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT							
		(surveyed flows + TI growth factor + committed development)						(surveyed flows + TI growth factor + committed development)					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	1	1296	85	1	1383	0	ALDI Access	0	5	0	0	5	
R761 (SW)	1325	32	606	31	1994	4	R761 (SW)	2	32	19	57		
R761 (NW)	80	673	3	1	757	0	R761 (NW)	0	33	0	33		
Rathnew Inner Relief Road (NE)	1	32	0	0	33	0	Rathnew Inner Relief Road (NE)	0	19	0	19		
TOTALS	1407	2033	694	33	4167	4	59	32	19	114	114		

2028 Light Vehicles SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE						2028 Heavy Vehicles SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE							
		WITHOUT completion of RIRR						WITHOUT completion of RIRR					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	0	0	0	0	0	0	ALDI Access	0	0	0	0	0	
R761 (SW)	0	0	0	432	432	0	R761 (SW)	0	0	0	10	10	
R761 (NW)	0	0	0	24	24	0	R761 (NW)	0	0	0	0	0	
Rathnew Inner Relief Road (NE)	0	446	22	0	468	0	Rathnew Inner Relief Road (NE)	0	8	0	0	8	
TOTALS	0	446	22	456	924	0	0	8	0	10	18		

2028 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION						2028 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION							
		(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	1	1296	85	1	1383	0	ALDI Access	0	5	0	0	5	
R761 (SW)	1325	32	442	2624	4423	4	R761 (SW)	2	27	103	136		
R761 (NW)	80	500	3	198	781	0	R761 (NW)	0	28	0	5	33	
Rathnew Inner Relief Road (NE)	1	2823	186	0	3010	0	Rathnew Inner Relief Road (NE)	0	102	5	0	107	
TOTALS	1407	4651	716	2823	9597	4	137	32	108	281	281		

2033 Light Vehicles WITHOUT SUBJECT DEVELOPMENT						2033 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT							
		(surveyed flows + TI growth factor + committed development)						(surveyed flows + TI growth factor + committed development)					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	1	1338	88	1	1428	0	ALDI Access	0	6	0	0	6	
R761 (SW)	1367	33	624	32	2056	5	R761 (SW)	2	34	20	61		
R761 (NW)	82	693	3	1	779	0	R761 (NW)	0	35	0	35		
Rathnew Inner Relief Road (NE)	1	33	0	0	34	0	Rathnew Inner Relief Road (NE)	0	20	0	20		
TOTALS	1451	2097	715	34	4297	5	63	34	20	122	122		

2033 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION						2033 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION							
		(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	1	1338	88	1	1428	0	ALDI Access	0	6	0	0	6	
R761 (SW)	1367	33	460	2625	4485	5	R761 (SW)	2	29	104	140		
R761 (NW)	82	520	3	198	803	0	R761 (NW)	0	30	0	5	35	
Rathnew Inner Relief Road (NE)	1	2824	186	0	3011	0	Rathnew Inner Relief Road (NE)	0	103	5	0	108	
TOTALS	1451	4715	737	2824	9727	5	141	34	109	289	289		

2043 Light Vehicles WITHOUT SUBJECT DEVELOPMENT						2043 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT							
		(surveyed flows + TI growth factor + committed development)						(surveyed flows + TI growth factor + committed development)					
From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS	From	To	ALDI Access	R761 (SW)	R761 (NW)	Rathnew Inner Relief Road (NE)	TOTALS
ALDI Access	1	1374	90	1	1466	0	ALDI Access	0	6	0	0	6	
R761 (SW)	1405	34	641	33	2113	5	R761 (SW)	3	38	22	68		
R761 (NW)	84	711	3	1	799	0	R761 (NW)	0	39	0	39		
Rathnew Inner Relief Road (NE)	1	34	0	0	35	0	Rathnew Inner Relief Road (NE)	0	22	0	22		
TOTALS	1491	2153	734	35	4413	5	70	38	22	135	135		

Weekday Peak Hour Traffic Flow Matrices (Passenger Car Units) - Junction 5

2023 AM Peak (08:15-09:15) SURVEYED TRAFFIC FLOWS							2023 PM Peak (16:30-17:30) SURVEYED TRAFFIC FLOWS						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	18	740	6	764	R750 (SE)		0	23	667	5	695
L5098 (SW)		8	0	87	0	95	L5098 (SW)		7	0	82	0	89
R750 (NW)		674	65	0	4	743	R750 (NW)		673	88	0	7	768
Tinakilly Avenue (NE)		7	2	7	0	16	Tinakilly Avenue (NE)		7	1	3	0	11
TOTALS		689	85	834	10	1618	TOTALS		687	112	752	12	1563

2023 AM Peak (BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor))							2023 PM Peak (BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor))						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	18	740	6	764	R750 (SE)		0	23	667	5	695
L5098 (SW)		8	0	87	0	95	L5098 (SW)		7	0	82	0	89
R750 (NW)		674	65	0	4	743	R750 (NW)		673	88	0	7	768
Tinakilly Avenue (NE)		7	2	7	0	16	Tinakilly Avenue (NE)		7	1	3	0	11
TOTALS		689	85	834	10	1618	TOTALS		687	112	752	12	1563

2026 AM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR							2026 PM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	5	61	0	66	R750 (SE)		0	4	36	0	40
L5098 (SW)		2	0	0	0	2	L5098 (SW)		5	0	0	0	5
R750 (NW)		30	0	0	0	30	R750 (NW)		61	0	0	0	61
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		32	5	61	0	98	TOTALS		66	4	36	0	106

2026 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)							2026 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	24	828	6	858	R750 (SE)		0	28	727	5	760
L5098 (SW)		10	0	90	0	100	L5098 (SW)		12	0	85	0	97
R750 (NW)		729	67	0	4	800	R750 (NW)		759	91	0	7	857
Tinakilly Avenue (NE)		7	2	7	0	16	Tinakilly Avenue (NE)		7	1	3	0	11
TOTALS		746	93	925	10	1774	TOTALS		778	120	815	12	1725

2026 AM Peak TRAFFIC REDISTRIBUTION VIA RIRR							2026 PM Peak TRAFFIC REDISTRIBUTION VIA RIRR						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	1	-214	-6	-219	R750 (SE)		0	1	-174	-5	-178
L5098 (SW)		0	0	0	0	0	L5098 (SW)		1	0	0	0	1
R750 (NW)		-160	0	0	-4	-164	R750 (NW)		-184	0	0	-7	-191
Tinakilly Avenue (NE)		-7	-2	-7	0	-16	Tinakilly Avenue (NE)		-7	-1	-3	0	-11
TOTALS		-167	-1	-221	-10	-399	TOTALS		-190	0	-177	-12	-379

2026 AM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR							2026 PM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	5	12	0	17	R750 (SE)		0	4	13	0	17
L5098 (SW)		2	0	0	0	2	L5098 (SW)		5	0	0	0	5
R750 (NW)		11	0	0	0	11	R750 (NW)		14	0	0	0	14
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		13	5	12	0	30	TOTALS		19	4	13	0	36

2026 AM Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE							2026 PM Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	3	0	0	3	R750 (SE)		0	4	0	0	4
L5098 (SW)		3	0	0	0	3	L5098 (SW)		3	0	0	0	3
R750 (NW)		0	0	0	0	0	R750 (NW)		0	0	0	0	0
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		3	3	0	0	6	TOTALS		3	4	0	0	7

2026 AM Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							2026 PM Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	28	565	6	599	R750 (SE)		0	33	530	0	563
L5098 (SW)		13	0	90	0	103	L5098 (SW)		16	0	85	0	101
R750 (NW)		550	67	0	4	617	R750 (NW)		528	91	0	0	619
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		563	95	655	0	1313	TOTALS		544	124	615	0	1283

2028 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)							2028 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	24	847	6	877	R750 (SE)		0	28	744	5	777
L5098 (SW)		10	0	92	0	102	L5098 (SW)		12	0	87	0	99
R750 (NW)		746	69	0	4	819	R750 (NW)		776	93	0	7	876
Tinakilly Avenue (NE)		7	2	7	0	16	Tinakilly Avenue (NE)		7	1	3	0	11
TOTALS		763	95	946	10	1814	TOTALS		795	122	834	12	1763

2028 AM Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE							2028 PM Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	4	0	0	4	R750 (SE)		0	3	0	0	3
L5098 (SW)		2	0	0	0	2	L5098 (SW)		5	0	0	0	5
R750 (NW)		0	0	0	0	0	R750 (NW)		0	0	0	0	0
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		2	4	0	0	6	TOTALS		5	3	0	0	8

2028 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							2028 PM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	29	584	6	613	R750 (SE)		0	32	547	5	579
L5098 (SW)		12	0	92	0	104	L5098 (SW)		18	0	87	0	105
R750 (NW)		567	69	0	4	636	R750 (NW)		545	93	0	0	638
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		579	98	676	0	1353	TOTALS		563	125	634	0	1322

2033 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)							2033 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	25	872	7	904	R750 (SE)		0	29	767	5	801
L5098 (SW)		11	0	95	0	106	L5098 (SW)		13	0	90	0	103
R750 (NW)		769	71	0	4	844	R750 (NW)		798	96	0	8	902
Tinakilly Avenue (NE)		8	2	8	0	18	Tinakilly Avenue (NE)		8	1	3	0	12
TOTALS		788	98	975	11	1872	TOTALS		819	126	860	13	1818

2033 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							2033 PM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	30	609	6	639	R750 (SE)		0	33	570	0	603
L5098 (SW)		13	0	95	0	108	L5098 (SW)		19	0	90	0	109
R750 (NW)		590	71	0	4	661	R750 (NW)		567	96	0	0	663
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		603	101	704	0	1408	TOTALS		586	129	660	0	1375

2043 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)							2043 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	25	894	7	926	R750 (SE)		0	30	787	6	823
L5098 (SW)		11	0	98	0	109	L5098 (SW)		13	0	92	0	105
R750 (NW)		789	73	0	5	867	R750 (NW)		819	99	0	8	926
Tinakilly Avenue (NE)		8	2	8	0	18	Tinakilly Avenue (NE)		8	1	3	0	12
TOTALS		808	100	1000	12	1920	TOTALS		840	130	882	14	1866

2043 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							2043 PM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS

Weekend Peak Hour Traffic Flow Matrices (Passenger Car Units) - Junction 5

2023 SAT Peak (11:45-12:45)							2023 SUN Peak (13:30-14:30)						
SURVEYED TRAFFIC FLOWS							SURVEYED TRAFFIC FLOWS						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	28	706	9	743	R750 (SE)		0	14	613	13	640
L5098 (SW)		12	0	80	0	92	L5098 (SW)		5	0	77	0	82
R750 (NW)		617	65	0	7	689	R750 (NW)		548	38	0	14	600
Tinakilly Avenue (NE)		4	0	22	0	26	Tinakilly Avenue (NE)		7	1	8	0	16
TOTALS		633	93	808	16	1550	TOTALS		560	53	698	27	1338

2023 SAT Peak (BASELINE TRAFFIC FLOWS)							2023 SUN Peak (BASELINE TRAFFIC FLOWS)						
(surveyed flows + TI growth factor)							(surveyed flows + TI growth factor)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	28	706	9	743	R750 (SE)		0	14	613	13	640
L5098 (SW)		12	0	80	0	92	L5098 (SW)		5	0	77	0	82
R750 (NW)		617	65	0	7	689	R750 (NW)		548	38	0	14	600
Tinakilly Avenue (NE)		4	0	22	0	26	Tinakilly Avenue (NE)		7	1	8	0	16
TOTALS		633	93	808	16	1550	TOTALS		560	53	698	27	1338

2026 SAT Peak (OTHER COMMITTED DEVELOPMENT FLOWS)							2026 SUN Peak (OTHER COMMITTED DEVELOPMENT FLOWS)						
WITHOUT completion of RIRR							WITHOUT completion of RIRR						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	3	39	0	42	R750 (SE)		0	2	37	0	39
L5098 (SW)		3	0	0	0	3	L5098 (SW)		3	0	0	0	3
R750 (NW)		34	0	0	0	34	R750 (NW)		36	0	0	0	36
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		37	3	39	0	79	TOTALS		39	2	37	0	78

2026 SAT Peak (WITHOUT SUBJECT DEVELOPMENT)							2026 SUN Peak (WITHOUT SUBJECT DEVELOPMENT)						
(surveyed flows + TI growth factor + committed development)							(surveyed flows + TI growth factor + committed development)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	32	771	9	812	R750 (SE)		0	17	672	13	702
L5098 (SW)		15	0	83	0	98	L5098 (SW)		8	0	80	0	88
R750 (NW)		674	67	0	7	748	R750 (NW)		604	39	0	15	658
Tinakilly Avenue (NE)		4	0	23	0	27	Tinakilly Avenue (NE)		7	1	8	0	16
TOTALS		693	99	877	16	1685	TOTALS		619	57	760	28	1464

2026 SAT Peak (TRAFFIC REDISTRIBUTION VIA RIRR)							2026 SUN Peak (TRAFFIC REDISTRIBUTION VIA RIRR)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	1	-174	-10	-183	R750 (SE)		0	1	-171	-14	-184
L5098 (SW)		1	0	0	0	1	L5098 (SW)		1	0	0	0	1
R750 (NW)		-146	0	0	-7	-153	R750 (NW)		-133	0	0	-15	-148
Tinakilly Avenue (NE)		-4	0	-23	0	-27	Tinakilly Avenue (NE)		-7	-1	-8	0	-16
TOTALS		-149	1	-197	-17	-362	TOTALS		-139	0	-179	-29	-347

2026 SAT Peak (OTHER COMMITTED DEVELOPMENT FLOWS)							2026 SUN Peak (OTHER COMMITTED DEVELOPMENT FLOWS)						
WITH completion of RIRR							WITH completion of RIRR						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	3	12	0	15	R750 (SE)		0	2	9	0	11
L5098 (SW)		3	0	0	0	3	L5098 (SW)		3	0	0	0	3
R750 (NW)		10	0	0	0	10	R750 (NW)		10	0	0	0	10
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		13	3	12	0	28	TOTALS		13	2	9	0	24

2026 SAT Peak (SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE)							2026 SUN Peak (SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	2	0	0	2	R750 (SE)		0	2	0	0	2
L5098 (SW)		2	0	0	0	2	L5098 (SW)		2	0	0	0	2
R750 (NW)		0	0	0	0	0	R750 (NW)		0	0	0	0	0
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		2	2	0	0	4	TOTALS		2	2	0	0	4

2026 SAT Peak (WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION)							2026 SUN Peak (WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION)						
(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	35	570	-1	604	R750 (SE)		0	20	473	-1	492
L5098 (SW)		18	0	83	0	101	L5098 (SW)		11	0	80	0	91
R750 (NW)		504	67	0	0	571	R750 (NW)		445	39	0	0	484
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		522	102	653	-1	1276	TOTALS		456	59	553	-1	1067

2028 SAT Peak (WITHOUT SUBJECT DEVELOPMENT)							2028 SUN Peak (WITHOUT SUBJECT DEVELOPMENT)						
(surveyed flows + TI growth factor + committed development)							(surveyed flows + TI growth factor + committed development)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	33	789	10	832	R750 (SE)		0	17	688	14	719
L5098 (SW)		16	0	85	0	101	L5098 (SW)		8	0	82	0	90
R750 (NW)		689	69	0	7	765	R750 (NW)		618	40	0	15	673
Tinakilly Avenue (NE)		4	0	23	0	27	Tinakilly Avenue (NE)		7	1	8	0	16
TOTALS		709	102	897	17	1725	TOTALS		633	58	778	29	1498

2028 SAT Peak (SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE)							2028 SUN Peak (SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	3	0	0	3	R750 (SE)		0	2	0	0	2
L5098 (SW)		3	0	0	0	3	L5098 (SW)		3	0	0	0	3
R750 (NW)		0	0	0	0	0	R750 (NW)		0	0	0	0	0
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		3	3	0	0	6	TOTALS		3	2	0	0	5

2028 SAT Peak (WITH SUBJECT DEVELOPMENT IN OPERATION)							2028 SUN Peak (WITH SUBJECT DEVELOPMENT IN OPERATION)						
(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	37	588	0	625	R750 (SE)		0	20	489	0	509
L5098 (SW)		20	0	85	0	105	L5098 (SW)		12	0	82	0	94
R750 (NW)		519	69	0	0	588	R750 (NW)		459	40	0	0	499
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		539	106	673	0	1318	TOTALS		471	60	571	0	1102

2033 SAT Peak (WITHOUT SUBJECT DEVELOPMENT)							2033 SUN Peak (WITHOUT SUBJECT DEVELOPMENT)						
(surveyed flows + TI growth factor + committed development)							(surveyed flows + TI growth factor + committed development)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	34	813	10	857	R750 (SE)		0	17	709	14	740
L5098 (SW)		16	0	88	0	104	L5098 (SW)		8	0	84	0	92
R750 (NW)		710	71	0	8	789	R750 (NW)		636	42	0	15	693
Tinakilly Avenue (NE)		4	0	24	0	28	Tinakilly Avenue (NE)		8	1	9	0	18
TOTALS		730	105	925	18	1778	TOTALS		652	60	802	29	1543

2033 SAT Peak (WITH SUBJECT DEVELOPMENT IN OPERATION)							2033 SUN Peak (WITH SUBJECT DEVELOPMENT IN OPERATION)						
(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							(surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	38	612	0	650	R750 (SE)		0	20	510	0	530
L5098 (SW)		20	0	88	0	108	L5098 (SW)		12	0	84	0	96
R750 (NW)		540	71	0	0	611	R750 (NW)		477	42	0	0	519
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		560	109	700	0	1369	TOTALS		489	62	594	0	1145

2043 SAT Peak (WITHOUT SUBJECT DEVELOPMENT)							2043 SUN Peak (WITHOUT SUBJECT DEVELOPMENT)						
(surveyed flows + TI growth factor + committed development)							(surveyed flows + TI growth factor + committed development)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	35	834	10	879	R750 (SE)		0	18	727	15	760
L5098 (SW)		17	0	90	0	107	L5098 (SW)		9	0	87	0	96
R750 (NW)		729	73	0	8	810	R750 (NW)		653	43	0	16	712
Tinakilly Avenue (NE)		5	0	25	0	30	Tinakilly Avenue (NE)		8	1	9	0	18
TOTALS		751	108	949	18	1826	TOTALS		670				

AADT Traffic Flow Matrices (Light and Heavy Vehicles) - Junction 5

2023 Light Vehicles AADT SURVEYED TRAFFIC FLOWS							2023 Heavy Vehicles AADT SURVEYED TRAFFIC FLOWS						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	255	7894	79	8328	R750 (SE)		0	5	285	1	292
L5098 (SW)		136	0	1027	10	1173	L5098 (SW)		4	0	24	0	28
R750 (NW)		7558	715	0	115	8388	R750 (NW)		292	18	0	4	314
Tinakilly Avenue (NE)		82	16	103	0	201	Tinakilly Avenue (NE)		1	1	3	0	5
TOTALS		7776	986	9024	204	17990	TOTALS		297	24	313	5	639

2023 Light Vehicles BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)							2023 Heavy Vehicles BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	255	7894	79	8328	R750 (SE)		0	5	285	1	292
L5098 (SW)		136	0	1027	10	1173	L5098 (SW)		4	0	24	0	28
R750 (NW)		7558	715	0	115	8388	R750 (NW)		292	18	0	4	314
Tinakilly Avenue (NE)		82	16	103	0	201	Tinakilly Avenue (NE)		1	1	3	0	5
TOTALS		7776	986	9024	204	17990	TOTALS		297	24	313	5	639

2026 Light Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR							2026 Heavy Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	49	526	0	575	R750 (SE)		0	0	8	0	8
L5098 (SW)		47	0	0	0	47	L5098 (SW)		0	0	0	0	0
R750 (NW)		511	0	0	0	511	R750 (NW)		8	0	0	0	8
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		558	49	526	0	1133	TOTALS		8	0	8	0	16

2026 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)							2026 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	313	8709	82	9104	R750 (SE)		0	5	309	1	315
L5098 (SW)		188	0	1065	10	1263	L5098 (SW)		4	0	25	0	29
R750 (NW)		8346	741	0	119	9206	R750 (NW)		315	19	0	4	338
Tinakilly Avenue (NE)		85	17	107	0	209	Tinakilly Avenue (NE)		1	1	3	0	5
TOTALS		8619	1071	9881	211	19782	TOTALS		320	25	337	5	687

2026 Light Vehicles TRAFFIC REDISTRIBUTION VIA RIRR							2026 Heavy Vehicles TRAFFIC REDISTRIBUTION VIA RIRR						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	10	-2022	-84	-2096	R750 (SE)		0	0	-72	0	-73
L5098 (SW)		10	0	0	-11	-1	L5098 (SW)		0	0	0	0	0
R750 (NW)		-1862	0	0	-122	-1984	R750 (NW)		-71	0	0	-4	-75
Tinakilly Avenue (NE)		-87	-17	-109	0	-213	Tinakilly Avenue (NE)		-1	-1	-3	0	-5
TOTALS		-1939	-7	-2131	-217	-4294	TOTALS		-72	-1	-75	-5	-153

2026 Light Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR							2026 Heavy Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	49	147	0	196	R750 (SE)		0	0	3	0	3
L5098 (SW)		47	0	0	0	47	L5098 (SW)		0	0	0	0	0
R750 (NW)		147	0	0	0	147	R750 (NW)		3	0	0	0	3
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		194	49	147	0	390	TOTALS		3	0	3	0	6

2026 Light Vehicles SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE							2026 Heavy Vehicles SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	36	0	0	36	R750 (SE)		0	0	0	0	0
L5098 (SW)		36	0	0	0	36	L5098 (SW)		0	0	0	0	0
R750 (NW)		0	0	0	0	0	R750 (NW)		0	0	0	0	0
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		36	36	0	0	72	TOTALS		0	0	0	0	0

2026 Light Vehicles WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							2026 Heavy Vehicles WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	359	6308	-2	6665	R750 (SE)		0	5	232	0	237
L5098 (SW)		234	0	1065	-1	1298	L5098 (SW)		4	0	25	0	29
R750 (NW)		6120	741	0	-3	6858	R750 (NW)		239	19	0	0	258
Tinakilly Avenue (NE)		-2	0	-2	0	-4	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		6352	1100	7371	-6	14817	TOTALS		243	24	257	0	524

2028 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)							2028 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	320	8908	84	9312	R750 (SE)		0	5	320	1	326
L5098 (SW)		191	0	1090	11	1292	L5098 (SW)		4	0	26	0	30
R750 (NW)		8536	759	0	122	9417	R750 (NW)		326	20	0	4	350
Tinakilly Avenue (NE)		87	17	109	0	213	Tinakilly Avenue (NE)		1	1	3	0	5
TOTALS		8814	1096	10107	217	20234	TOTALS		331	26	349	5	711

2028 Light Vehicles SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE							2028 Heavy Vehicles SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	44	0	0	44	R750 (SE)		0	0	0	0	0
L5098 (SW)		42	0	0	0	42	L5098 (SW)		0	0	0	0	0
R750 (NW)		0	0	0	0	0	R750 (NW)		0	0	0	0	0
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		42	44	0	0	86	TOTALS		0	0	0	0	0

2028 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							2028 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	374	6507	11	6881	R750 (SE)		0	5	243	0	248
L5098 (SW)		243	0	1090	0	1333	L5098 (SW)		4	0	26	0	30
R750 (NW)		6310	759	0	126	7099	R750 (NW)		250	20	0	0	270
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		6553	1133	7597	0	15283	TOTALS		254	25	269	0	548

2033 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)							2033 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	328	9176	87	9591	R750 (SE)		0	6	340	1	347
L5098 (SW)		196	0	1125	11	1332	L5098 (SW)		5	0	28	0	33
R750 (NW)		8792	783	0	126	9701	R750 (NW)		347	21	0	5	373
Tinakilly Avenue (NE)		90	18	113	0	221	Tinakilly Avenue (NE)		1	1	3	0	5
TOTALS		9078	1129	10414	224	20845	TOTALS		353	28	371	6	758

2033 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							2033 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	382	6775	11	7157	R750 (SE)		0	6	263	0	269
L5098 (SW)		248	0	1125	0	1373	L5098 (SW)		5	0	28	0	33
R750 (NW)		6566	783	0	126	7349	R750 (NW)		271	21	0	0	292
Tinakilly Avenue (NE)		0	0	0	0	0	Tinakilly Avenue (NE)		0	0	0	0	0
TOTALS		6814	1165	7900	0	15879	TOTALS		276	27	291	0	594

2043 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)							2043 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS	From	To	R750 (SE)	L5098 (SW)	R750 (NW)	Tinakilly Avenue (NE)	TOTALS
R750 (SE)		0	336	9412	89	9837	R750 (SE)		0	6	379	1	386
L5098 (SW)		200	0	1156	11	1367	L5098 (SW)		5	0	31	0	36
R750 (NW)		9019	805	0	129	9953	R750 (NW)		387	23	0	5	415
Tinakilly Avenue (NE)		92	18	116	0	226	Tinakilly Avenue (NE)		1	1	4	0	6
TOTALS		9311	1159	10684	229	21383	TOTALS		393	30	414	6	843

2043 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + TI growth factor + redistribution + committed dev. + subject dev.)							2043 Heavy Vehicles WITH SUBJECT DEVELOPMENT						
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Weekday Peak Hour Traffic Flow Matrices (Passenger Car Units) - Junction 6

2023 AM Peak (08:15-09:15) SURVEYED TRAFFIC FLOWS					2023 PM Peak (16:30-17:30) SURVEYED TRAFFIC FLOWS						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	93	93	L5098 South		0	0	101	101
Knockrobin Estate		37	0	11	48	Knockrobin Estate		47	0	9	56
L5098 East		71	0	0	71	L5098 East		102	0	0	102
TOTALS		108	0	104	212	TOTALS		149	0	110	259

2023 AM Peak BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)					2023 PM Peak BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	93	93	L5098 South		0	0	101	101
Knockrobin Estate		37	0	11	48	Knockrobin Estate		47	0	9	56
L5098 East		71	0	0	71	L5098 East		102	0	0	102
TOTALS		108	0	104	212	TOTALS		149	0	110	259

2026 AM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR					2026 PM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	2	2	L5098 South		0	0	5	5
Knockrobin Estate		0	0	0	0	Knockrobin Estate		0	0	0	0
L5098 East		5	0	0	5	L5098 East		4	0	0	4
TOTALS		5	0	2	7	TOTALS		4	0	5	9

2026 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)					2026 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	98	98	L5098 South		0	0	110	110
Knockrobin Estate		38	0	11	49	Knockrobin Estate		49	0	9	58
L5098 East		79	0	0	79	L5098 East		110	0	0	110
TOTALS		117	0	109	226	TOTALS		159	0	119	278

2026 AM Peak TRAFFIC REDISTRIBUTION VIA RIRR					2026 PM Peak TRAFFIC REDISTRIBUTION VIA RIRR						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	0	0	L5098 South		0	0	0	0
Knockrobin Estate		0	0	0	0	Knockrobin Estate		0	0	0	0
L5098 East		0	0	0	0	L5098 East		0	0	0	0
TOTALS		0	0	0	0	TOTALS		0	0	0	0

2026 AM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR					2026 PM Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	2	2	L5098 South		0	0	5	5
Knockrobin Estate		0	0	0	0	Knockrobin Estate		0	0	0	0
L5098 East		5	0	0	5	L5098 East		4	0	0	4
TOTALS		5	0	2	7	TOTALS		4	0	5	9

2026 AM Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE					2026 PM Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	3	3	L5098 South		0	0	3	3
Knockrobin Estate		0	0	0	0	Knockrobin Estate		0	0	0	0
L5098 East		3	0	0	3	L5098 East		4	0	0	4
TOTALS		3	0	3	6	TOTALS		4	0	3	7

2026 AM Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)					2026 PM Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	101	101	L5098 South		0	0	113	113
Knockrobin Estate		38	0	11	49	Knockrobin Estate		49	0	9	58
L5098 East		82	0	0	82	L5098 East		114	0	0	114
TOTALS		120	0	112	232	TOTALS		163	0	122	285

2028 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)					2028 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	101	101	L5098 South		0	0	112	112
Knockrobin Estate		39	0	12	51	Knockrobin Estate		50	0	10	60
L5098 East		80	0	0	80	L5098 East		112	0	0	112
TOTALS		119	0	113	232	TOTALS		162	0	122	284

2028 AM Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE					2028 PM Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	2	2	L5098 South		0	0	5	5
Knockrobin Estate		0	0	0	0	Knockrobin Estate		0	0	0	0
L5098 East		4	0	0	4	L5098 East		3	0	0	3
TOTALS		4	0	2	6	TOTALS		3	0	5	8

2028 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)					2028 PM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	103	103	L5098 South		0	0	117	117
Knockrobin Estate		39	0	12	51	Knockrobin Estate		50	0	10	60
L5098 East		84	0	0	84	L5098 East		115	0	0	115
TOTALS		123	0	115	238	TOTALS		165	0	127	292

2033 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)					2033 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	104	104	L5098 South		0	0	116	116
Knockrobin Estate		41	0	12	53	Knockrobin Estate		51	0	10	61
L5098 East		83	0	0	83	L5098 East		116	0	0	116
TOTALS		124	0	116	240	TOTALS		167	0	126	293

2033 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)					2033 PM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	106	106	L5098 South		0	0	121	121
Knockrobin Estate		41	0	12	53	Knockrobin Estate		51	0	10	61
L5098 East		87	0	0	87	L5098 East		119	0	0	119
TOTALS		128	0	118	246	TOTALS		170	0	131	301

2043 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)					2043 PM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	107	107	L5098 South		0	0	119	119
Knockrobin Estate		42	0	12	54	Knockrobin Estate		53	0	10	63
L5098 East		85	0	0	85	L5098 East		119	0	0	119
TOTALS		127	0	119	246	TOTALS		172	0	129	301

2043 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)					2043 PM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)						
From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS	From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	109	109	L5098 South		0	0	124	124
Knockrobin Estate		42	0	12	54	Knockrobin Estate		53	0	10	63
L5098 East		89	0	0	89	L5098 East		122	0	0	122
TOTALS		131	0	121	252	TOTALS		175	0	134	309

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Weekend Peak Hour Traffic Flow Matrices (Passenger Car Units) - Junction 6

2023 SAT Peak (11:45-12:45) SURVEYED TRAFFIC FLOWS

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	96	96
Knockrobin Estate		23	0	10	33
L5098 East		67	2	0	69
TOTALS		90	2	106	198

2023 SUN Peak (13:30-14:30) SURVEYED TRAFFIC FLOWS

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	82	82
Knockrobin Estate		22	0	8	30
L5098 East		45	1	0	46
TOTALS		67	1	90	158

2023 SAT Peak BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	96	96
Knockrobin Estate		23	0	10	33
L5098 East		67	2	0	69
TOTALS		90	2	106	198

2023 SUN Peak BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	82	82
Knockrobin Estate		22	0	8	30
L5098 East		45	1	0	46
TOTALS		67	1	90	158

2026 SAT Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	3	3
Knockrobin Estate		0	0	0	0
L5098 East		3	0	0	3
TOTALS		3	0	3	6

2026 SUN Peak OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	3	3
Knockrobin Estate		0	0	0	0
L5098 East		2	0	0	2
TOTALS		2	0	3	5

2026 SAT Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	103	103
Knockrobin Estate		24	0	10	34
L5098 East		72	2	0	74
TOTALS		96	2	113	211

2026 SUN Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	88	88
Knockrobin Estate		23	0	8	31
L5098 East		49	1	0	50
TOTALS		72	1	96	169

2026 SAT Peak TRAFFIC REDISTRIBUTION VIA RIRR

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	0	0
Knockrobin Estate		0	0	0	0
L5098 East		0	0	0	0
TOTALS		0	0	0	0

2026 SUN Peak TRAFFIC REDISTRIBUTION VIA RIRR

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	0	0
Knockrobin Estate		0	0	0	0
L5098 East		0	0	0	0
TOTALS		0	0	0	0

2026 SAT Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	3	3
Knockrobin Estate		0	0	0	0
L5098 East		3	0	0	3
TOTALS		3	0	3	6

2026 SUN Peak OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	3	3
Knockrobin Estate		0	0	0	0
L5098 East		2	0	0	2
TOTALS		2	0	3	5

2026 SAT Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	2	2
Knockrobin Estate		0	0	0	0
L5098 East		2	0	0	2
TOTALS		2	0	2	4

2026 SUN Peak SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	2	2
Knockrobin Estate		0	0	0	0
L5098 East		2	0	0	2
TOTALS		2	0	2	4

2026 SAT Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	105	105
Knockrobin Estate		24	0	10	34
L5098 East		74	2	0	76
TOTALS		98	2	115	215

2026 SUN Peak WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	90	90
Knockrobin Estate		23	0	8	31
L5098 East		51	1	0	52
TOTALS		74	1	98	173

2028 SAT Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	105	105
Knockrobin Estate		24	0	11	35
L5098 East		74	2	0	76
TOTALS		98	2	116	215

2028 SUN Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	90	90
Knockrobin Estate		23	0	8	31
L5098 East		50	1	0	51
TOTALS		73	1	98	172

2028 AM Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	3	3
Knockrobin Estate		0	0	0	0
L5098 East		3	0	0	3
TOTALS		3	0	3	6

2028 SUN Peak SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	3	3
Knockrobin Estate		0	0	0	0
L5098 East		2	0	0	2
TOTALS		2	0	3	5

2028 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	108	108
Knockrobin Estate		24	0	11	35
L5098 East		77	2	0	79
TOTALS		101	2	119	222

2028 SUN Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	93	93
Knockrobin Estate		23	0	8	31
L5098 East		52	1	0	53
TOTALS		75	1	101	177

2033 AM Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	108	108
Knockrobin Estate		25	0	11	36
L5098 East		76	2	0	78
TOTALS		101	2	119	222

2033 SUN Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	93	93
Knockrobin Estate		24	0	9	33
L5098 East		51	1	0	52
TOTALS		75	1	102	178

2033 AM Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	111	111
Knockrobin Estate		25	0	11	36
L5098 East		79	2	0	81
TOTALS		104	2	122	228

2033 SUN Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	96	96
Knockrobin Estate		24	0	9	33
L5098 East		53	1	0	54
TOTALS		77	1	105	183

2043 SAT Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	111	111
Knockrobin Estate		26	0	11	37
L5098 East		78	2	0	80
TOTALS		104	2	122	228

2043 SUN Peak WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	95	95
Knockrobin Estate		25	0	9	34
L5098 East		53	1	0	54
TOTALS		78	1	104	183

2043 SAT Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	114	114
Knockrobin Estate		26	0	11	37
L5098 East		81	2	0	83
TOTALS		107	2	125	234

2043 SUN Peak WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From	To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South		0	0	98	98
Knockrobin Estate		25	0	9	34
L5098 East		55	1	0	56
TOTALS		80	1	107	188

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AADT Traffic Flow Matrices (Light and Heavy Vehicles) - Junction 6

2023 Light Vehicles AADT SURVEYED TRAFFIC FLOWS

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	6	1204	1210
Knockrobin Estate	435	0	130	565
L5098 East	818	3	0	821
TOTALS	1253	9	1334	2596

2023 Heavy Vehicles AADT SURVEYED TRAFFIC FLOWS

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	20	20
Knockrobin Estate	6	0	2	8
L5098 East	15	0	0	15
TOTALS	21	0	22	43

2023 Light Vehicles BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	6	1204	1210
Knockrobin Estate	435	0	130	565
L5098 East	818	3	0	821
TOTALS	1253	9	1334	2596

2023 Heavy Vehicles BASELINE TRAFFIC FLOWS (surveyed flows + TI growth factor)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	20	20
Knockrobin Estate	6	0	2	8
L5098 East	15	0	0	15
TOTALS	21	0	22	43

2026 Light Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	47	47
Knockrobin Estate	0	0	0	0
L5098 East	49	0	0	49
TOTALS	49	0	47	96

2026 Heavy Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITHOUT completion of RIRR

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	0	0
Knockrobin Estate	0	0	0	0
L5098 East	0	0	0	0
TOTALS	0	0	0	0

2026 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	6	1295	1301
Knockrobin Estate	451	0	135	586
L5098 East	897	3	0	900
TOTALS	1348	9	1430	2787

2026 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	21	21
Knockrobin Estate	6	0	2	8
L5098 East	16	0	0	16
TOTALS	22	0	23	45

2026 Light Vehicles TRAFFIC REDISTRIBUTION VIA RIRR

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	0	0
Knockrobin Estate	0	0	0	0
L5098 East	0	0	0	0
TOTALS	0	0	0	0

2026 Heavy Vehicles TRAFFIC REDISTRIBUTION VIA RIRR

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	0	0
Knockrobin Estate	0	0	0	0
L5098 East	0	0	0	0
TOTALS	0	0	0	0

2026 Light Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	47	47
Knockrobin Estate	0	0	0	0
L5098 East	49	0	0	49
TOTALS	49	0	47	96

2026 Heavy Vehicles OTHER COMMITTED DEVELOPMENT FLOWS WITH completion of RIRR

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	0	0
Knockrobin Estate	0	0	0	0
L5098 East	0	0	0	0
TOTALS	0	0	0	0

2026 Light Vehicles SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	36	36
Knockrobin Estate	0	0	0	0
L5098 East	36	0	0	36
TOTALS	36	0	36	72

2026 Heavy Vehicles SUBJECT DEVELOPMENT FLOWS - CONSTRUCTION PHASE

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	0	0
Knockrobin Estate	0	0	0	0
L5098 East	0	0	0	0
TOTALS	0	0	0	0

2026 Light Vehicles WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	6	1331	1337
Knockrobin Estate	451	0	135	586
L5098 East	933	3	0	936
TOTALS	1384	9	1466	2859

2026 Heavy Vehicles WITH SUBJECT DEVELOPMENT UNDER CONSTRUCTION (survey + TI growth + redist. + committed dev. + subject dev.)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	21	21
Knockrobin Estate	6	0	2	8
L5098 East	16	0	0	16
TOTALS	22	0	23	45

2028 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	6	1325	1331
Knockrobin Estate	462	0	138	600
L5098 East	918	3	0	921
TOTALS	1380	9	1463	2852

2028 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	22	22
Knockrobin Estate	7	0	2	9
L5098 East	16	0	0	16
TOTALS	23	0	24	47

2028 Light Vehicles SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	42	42
Knockrobin Estate	0	0	0	0
L5098 East	44	0	0	44
TOTALS	44	0	42	86

2028 Heavy Vehicles SUBJECT DEVELOPMENT FLOWS - OPERATIONAL PHASE

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	0	0
Knockrobin Estate	0	0	0	0
L5098 East	0	0	0	0
TOTALS	0	0	0	0

2028 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	6	1367	1373
Knockrobin Estate	462	0	138	600
L5098 East	962	3	0	965
TOTALS	1424	9	1505	2938

2028 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	22	22
Knockrobin Estate	7	0	2	9
L5098 East	16	0	0	16
TOTALS	23	0	24	47

2033 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	7	1366	1373
Knockrobin Estate	477	0	142	619
L5098 East	945	3	0	948
TOTALS	1422	10	1508	2940

2033 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	23	23
Knockrobin Estate	7	0	2	9
L5098 East	17	0	0	17
TOTALS	24	0	25	49

2033 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	7	1408	1415
Knockrobin Estate	477	0	142	619
L5098 East	989	3	0	992
TOTALS	1466	10	1550	3026

2033 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	23	23
Knockrobin Estate	7	0	2	9
L5098 East	17	0	0	17
TOTALS	24	0	25	49

2043 Light Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	7	1402	1409
Knockrobin Estate	490	0	146	636
L5098 East	970	3	0	973
TOTALS	1460	10	1548	3018

2043 Heavy Vehicles WITHOUT SUBJECT DEVELOPMENT (surveyed flows + TI growth factor + committed development)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	26	26
Knockrobin Estate	8	0	3	11
L5098 East	19	0	0	19
TOTALS	27	0	29	56

2043 Light Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	7	1444	1451
Knockrobin Estate	490	0	146	636
L5098 East	1014	3	0	1017
TOTALS	1504	10	1590	3104

2043 Heavy Vehicles WITH SUBJECT DEVELOPMENT IN OPERATION (surveyed + growth + redist. + committed dev. + subject dev.)

From To	L5098 South	Knockrobin Estate	L5098 East	TOTALS
L5098 South	0	0	26	26
Knockrobin Estate	8	0	3	11
L5098 East	19	0	0	19
TOTALS	27	0	29	56

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