

Summary of Modelled Traffic Data

Link ID	Link Description	Base 2019		Without the Proposed Development		With the Proposed Development		Speed (kph)
		AADT	HDV%	AADT	HDV%	AADT	HDV%	
1	A465 (East)	26,217	4.8	28,888	4.8	29,380	4.7	113
2	A465 (West)	25,496	5.0	28,095	5.0	28,583	4.9	113
3	M4 Junction 43 Southbound On-Slip	15,166	5.1	16,801	5.0	18,389	4.7	113
4	M4 Junction 43 Northbound Off-Slip	15,062	5.1	16,687	5.0	18,264	4.7	64
5	B4290 (West) between M4 Junction 43 and B4290/ Ffordd Coed Darcy Junction	6,959	2.9	7,913	2.8	11,216	2.3	64
6	B4290 (East) between B4290/ Ffordd Coed Darcy Junction and M4 Junction 43	7,962	2.8	9,000	2.7	12,331	2.3	64
7	M4 Junction 43 Northbound On-Slip	13,981	3.8	15,482	3.8	16,732	3.6	113
8	M4 Junction 43 Southbound Off-Slip	13,692	3.7	15,165	3.7	16,403	3.5	64
9	B4290 (East) between B4290/ Ffordd Coed Darcy Junction and M4 Junction 43	8,026	2.7	9,069	2.6	12,400	2.2	48
10	B4290 (West) between M4 Junction 43 and B4290/ Ffordd Coed Darcy Junction	5,642	3.6	6,486	3.4	9,789	2.7	48
11	B4290 link south of B4290/ Ffordd Coed Darcy Junction	8,377	4.5	9,898	4.1	10,975	3.8	48
12	Ffordd Coed Darcy	2,707	2.5	2,707	2.5	7,615	1.5	48
13	B4290 between B4290/ Ffordd Coed Darcy Junction and B4290/ Darcy Business Park Junction	8,826	2.5	9,642	2.5	13,230	2.2	48

Environmental Statement

Coed Darcy



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		AADT	HDV%	AADT	HDV%	AADT	HDV%	
14	Darcy Business Park	1,803	1.7	1,803	1.7	3,328	2.0	32
15	B4290 Pen-Y-Heol between B4290/ Darcy Business Park Junction and Proposed Bowling Green Access Junction	7,724	2.4	8,448	2.4	10,892	2.1	48
16	B4290 Pen-Y-Heol, north of proposed Bowling Green Access Junction	4,519	9.2	4,821	9.0	5,566	8.0	48
17	Bowling Green Access	0	0.0	0	0.0	2,023	1.0	48
18	M4 Junction 43 Southbound Off-Slip	13,692	3.7	15,165	3.7	16,403	3.5	113
19	M4 Junction 43 Northbound Off-Slip	15,062	5.1	16,687	5.0	17,937	4.8	113
20	M4 (North) between M4 J42 western spur and M4 J43	48,935	4.8	53,840	4.8	55,417	4.7	113
21	M4 (South) between M4 J42 western spur and M4 J43	44,380	5.9	48,842	5.9	50,431	5.7	113
22	M4 (East) between M4 J43 and M4 J44	46,262	6.1	50,888	6.1	52,126	5.9	113
23	M4 (West) between M4 J43 and M4 J44	49,971	5.4	54,957	5.4	56,206	5.3	113
24	M4 (North) between M4 J43 Northbound Off-Slip and M4 J43 Northbound On-Slip	33,874	4.7	37,154	4.7	37,154	4.7	113
25	M4 (South) between M4 J43 Southbound Off-Slip and M4 J43 Southbound On-Slip	32,570	7.1	35,723	7.1	35,723	7.1	113
26	M4 J43 Roundabout	15,553	4.4	17,237	4.4	18,895	4.1	48

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		AADT	HDV%	AADT	HDV%	AADT	HDV%	
27	B4290 between B4290/ Llandarcy Junction and B4290 / Ffordd Coed Darcy Junction	8,360	4.5	9,879	4.1	10,956	3.8	48
28	B4290 , south of B4290/ Llandarcy Junction	6,298	5.0	6,958	4.9	8,035	4.4	48
29	B4290 , between A483/ B4290/ Ffordd Amazon Junction and Jersey Marine	5,125	2.6	5,688	2.6	6,765	2.3	48
30	A483 (East), west of A483/ B4290/ Ffordd Amazon Junction	16,899	2.5	18,823	2.5	19,629	2.5	80
31	A483 (West), west of A483/ B4290/ Ffordd Amazon Junction	17,197	3.5	19,154	3.5	19,968	3.4	80
32	A483 (East), east of A483/ B4290/ Ffordd Amazon Junction	17,065	3.7	18,941	3.7	19,211	3.6	80
33	A483 (West), east of A483/ B4290/ Ffordd Amazon Junction	17,261	4.4	19,158	4.4	19,431	4.4	80
34	B4290, between Jersey Marine and B4290/ Llandarcy Junction	6,646	5.4	7,111	5.3	8,188	4.7	48
35	M4 (North) between M4 Junction 41 and M4 Junction 42	41,497	5.3	45,640	5.3	46,822	5.2	80
36	M4 (South) between M4 Junction 41 and M4 Junction 42	35,960	5.3	39,567	5.2	40,759	5.1	80
37	M4 (North) between A483/A48 Junction and M4 J42	18,764	3.5	20,622	3.5	21,016	3.5	113
38	M4 (South) between A483/A48 Junction and M4 J42	19,447	3.3	34,892	4.3	35,289	4.2	80
39	M4 (North) between M4 J42 Eastbound and Westbound slips	30,126	5.6	33,218	5.6	34,401	5.4	80

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		AADT	HDV%	AADT	HDV%	AADT	HDV%	
40	M4 (South) between M4 J42 Eastbound and Westbound slips	12,590	10.0	13,951	9.9	15,142	9.3	80
41	Roundabout in the vicinity of A483 and Ffordd Amazon	9,803	3.9	10,881	3.8	11,286	3.7	48