

## APPENDIX 6.1 – TRAFFIC DATA FOR AIR QUALITY ASSESSMENT

Schematic Link Diagram for Major Routes in Dispersion Model

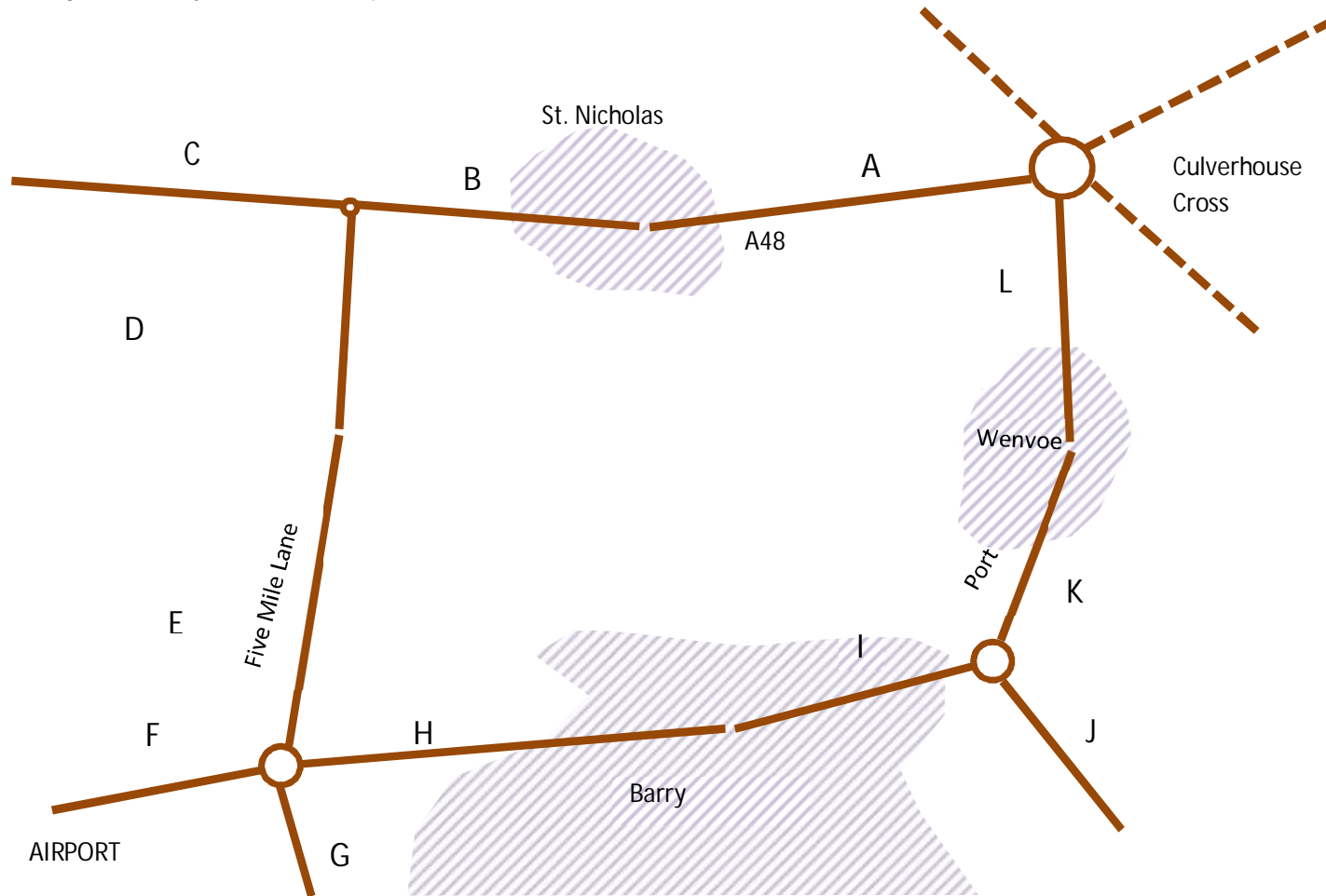


Table A6.1.1 Annual average flows (AADT) and the proportion of Heavy Goods Vehicles (HGVs) on major routes in dispersion model. DM = Do Minimum, DS = Do Something.

ID	Route	Baseline		DM 2017		DS 2017		DM 2032		DS 2032	
		AADT	%HGV	AADT	%HGV	AADT	%HGV	AADT	%HGV	AADT	%HGV
A	A48, (East of St. Nicholas)	15736	3.69%	17260	3.06%	22662	1.87%	19863	2.94%	26674	2.16%
B	A48, (West of St. Nicholas)	15040	3.86%	16570	3.19%	22144	1.92%	19331	3.03%	26266	2.21%
C	A48 (Towards Bonvilston)	14448	4.39%	14820	3.92%	14819	3.92%	17293	3.74%	17299	3.73%
D	A4226, Waycock Road (A48 – Moulton)	6893	2.23%	8594	1.77%	15692	1.62%	11012	1.53%	19283	0.91%
E	A4226, Waycock Road (Roundabout - Moulton)	7252	2.38%	8936	1.90%	16075	1.69%	11378	1.64%	19656	0.99%
F	A4226, Port Road (Roundabout towards Airport)	8584	2.59%	10667	2.05%	10667	2.05%	15640	1.55%	15640	1.55%
G	B4266, Pontypridd Road	6398	2.14%	6879	1.97%	7202	1.88%	8100	1.85%	8113	1.85%
H	A4226, Port Road West	15782	1.62%	18023	1.41%	12853	2.76%	25316	1.11%	18605	1.55%
I	A4226, Port Road East	20332	1.36%	22652	1.21%	17189	2.19%	30541	1.00%	24473	1.28%
J	A4231, Barry Docks Link Road	17959	4.96%	18890	4.34%	18819	4.36%	23647	3.85%	23047	3.95%
K	A4050, Port Road (Wenvoe – A4231)	26239	4.36%	28645	3.75%	21498	4.52%	37613	3.17%	29356	4.03%
L	A4050, Port Road (Culverhouse Cross – South)	26185	4.37%	28618	3.75%	21470	4.53%	37293	3.20%	29036	4.08%