

Hornsea Offshore Wind Farm

Project Two

Environmental Statement
Volume 6 – Onshore

Annex 6.8.4
2011 Base Traffic Flows

PINS Document Reference: 7.6.8.4
APFP Regulation 5(2)(a)

January 2015

smartwind.co.uk

SMart Wind Limited

**Hornsea Offshore Wind Farm
Project Two – Environmental Statement**

Volume 6 - Onshore
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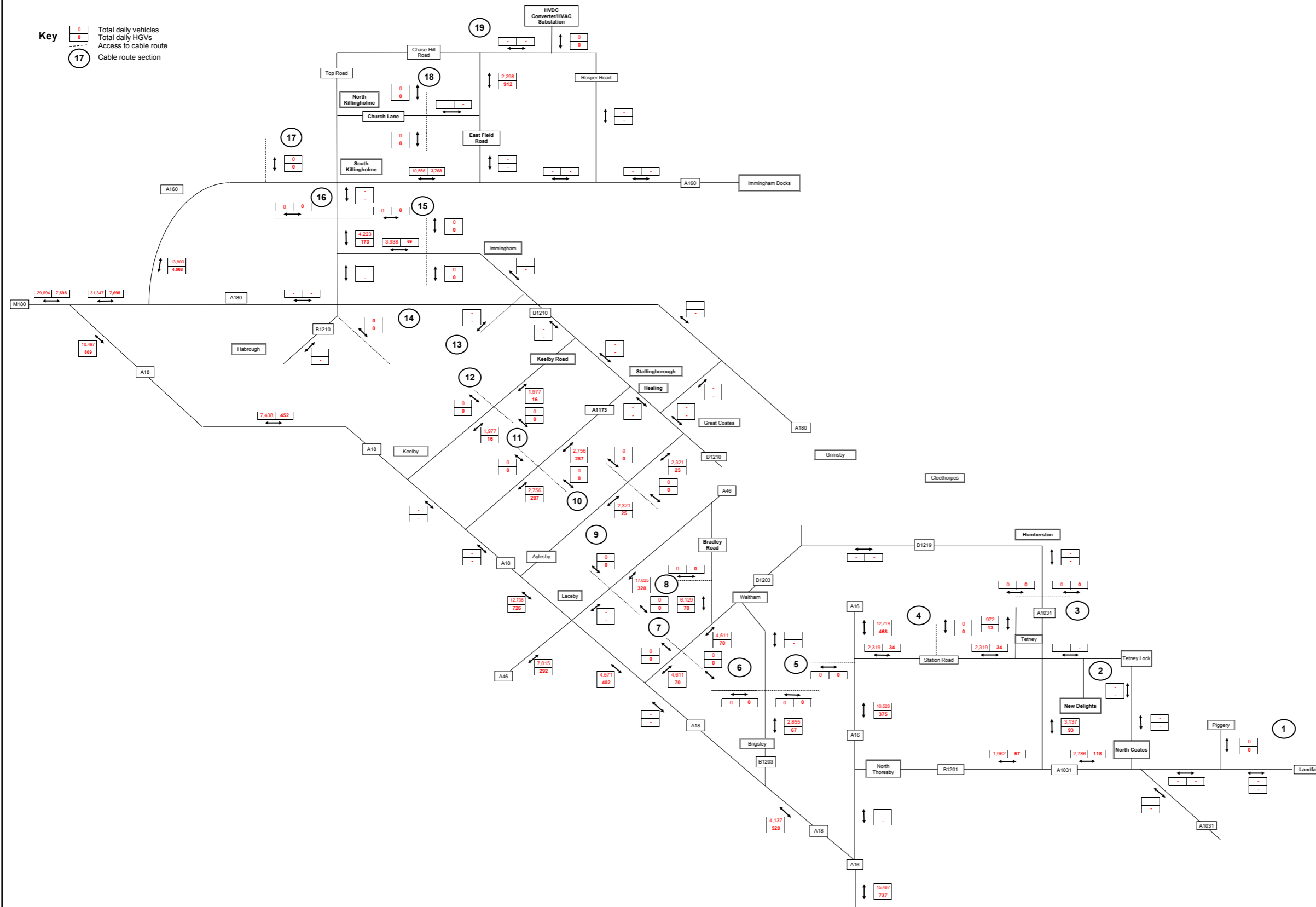
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The proposed onshore infrastructure (both the indicative onshore cable route and the HVDC converter/HVAC substation site at North Killingholme) for Project Two is immediately adjacent to Project One. The synergies were identified at an early stage and the environmental surveys to inform the baseline were designed to inform the EIA for both Project One and Project Two.

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Key
 [Box with 0] Total daily vehicles
 [Box with 0] Total daily HGVs
 [Dashed line] Access to cable route
 [Circle with 17] Cable route section



PAPER SIZE 42 X 30 CM

ANNEX 6.8.4
2011 BASE TRAFFIC FLOWS
SHEET 1 OF 4



DATE: 08/11/2012 DRAWN: AVB CHECKED: BRB
 PROJECT REF: HORNSEA OFFSHORE WIND FARM - PROJECT ONE
 DRAWING: 7298-0530-08

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24 hour AADT Data for ES Chapter/Air Quality																
Link No.	Description	DFT ref	RPS ATC	Source	Source Data									Base Data		
					2010 AADT			2011 AADT			Oct 2011 - 24hr			2011 AADT		
Note 1					All veh	HGV	HGV%	All veh	HGV	HGV%	All veh	HGV	HGV%	All veh	HGV	HGV%
	1 M180 between junctions 4 and 5	25		DfT	29400	7622	25.9%							0	0	25.9%
	2 A180 between M180 and A160	8		DfT	31037	7622	24.6%							0	0	24.6%
	3 A160 north of A180	28	10	RPS ATC	11704	4443	38.0%				13803	4068	29.5%	13803	4068	29.5%
	4 A160 west of Eastfield Road	6		DfT	10451	3731	35.7%							0	0	35.7%
	5 A18 East of Melton Ross	9		DfT	10393	801	7.7%							0	0	7.7%
	6 A18 west of Great Limber	27		DfT	7364	448	6.1%							0	0	6.1%
	7 A18 north of A46	12		DfT	12610	719	5.7%							0	0	5.7%
	8 A18 south of B1219 (Barnoldbey le Beck)	20		DfT	4526	398	8.8%							0	0	8.8%
	9 A18 west of A16	21		DfT	4096	523	12.8%							0	0	12.8%
	10 A1173 south west of Stallingborough		5	RPS ATC							2756	287	10.4%	2756	287	10.4%
	11 A46 near Irby upon Humber	15		DfT	6946	289	4.2%							0	0	4.2%
	12 A46 between Laceby and Bradley	2		DfT	17450	317	1.8%							0	0	1.8%
	13 A16 north of Louth	23		DfT	15334	730	4.8%							0	0	4.8%
	14 A16 north of B1201	22		DfT	10416	371	3.6%							0	0	3.6%
	15 A16, Holton le Clay		11	DfT							12719	468	3.7%	12719	468	3.7%
	16 A1031 east of B1201			LincsLab				2786	118	4.2%				2786	118	4.2%
	17 A1031 South of Tetney			LincsLab				3137	93	3.0%				3137	93	3.0%
	18 B1201 west of A1031			LincsLab				1962	57	2.9%				1962	57	2.9%
	19 Eastfield Road, South Killingholme		9	RPS ATC							2298	912	39.7%	2298	912	39.7%
	20 Habrough Road, South Killingholme		8	RPS ATC							4223	173	4.1%	4223	173	4.1%
	21 B1210 Immingham Road, Immingham		7	RPS ATC							3938	69	1.8%	3938	69	1.8%
	22 Keelby Road, Keelby		6	RPS ATC							1977	16	0.8%	1977	16	0.8%
	23 Aylesby Road, Grimsby		4	RPS ATC							2321	25	1.1%	2321	25	1.1%
	24 Bradley Road, north of Waltham		13 (Additional 2)	RPS ATC							6129	70	1.1%	6129	70	1.1%
	25 B1219 Waltham Road, Barnoldby le Beck		3	RPS ATC							4611	70	1.5%	4611	70	1.5%
	26 B1203 Waltham Road, Brigsley		2	RPS ATC							2855	67	2.4%	2855	67	2.4%
	27 Station Road, Tetney		12 (Additional 1)	RPS ATC							2319	34	1.5%	2319	34	1.5%
	28 Holton Road, Holton le Clay		1	RPS ATC							972	13	1.3%	972	13	1.3%

Tempro Growth 2010-11 1.01

Note: The AADT data provided by LincsLab includes a seasonality factor.
 No seasonal adjustment has been made to 24 hour flows observed in 2011
 Table derived from Link data for ES Chapter

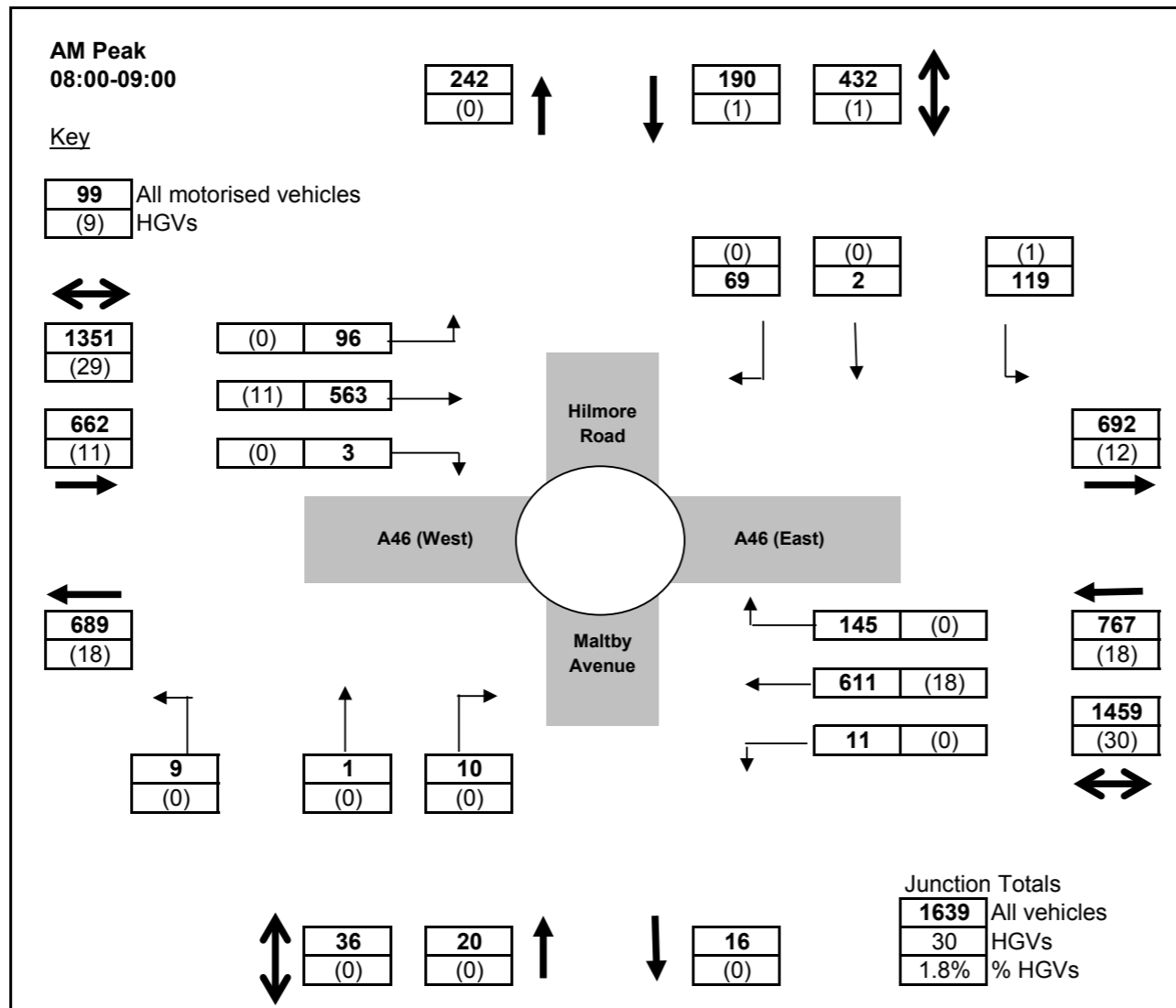
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**ANNEX 6.8.4
 BASE TRAFFIC FLOWS
 SHEET 2 OF 4**



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JNY7454 Hornsea Project One
A46/Hilmore Road/Maltby Avenue (Roundabout)
 Surveyed by Road Data Services Ltd
 Thursday 4 October 2012



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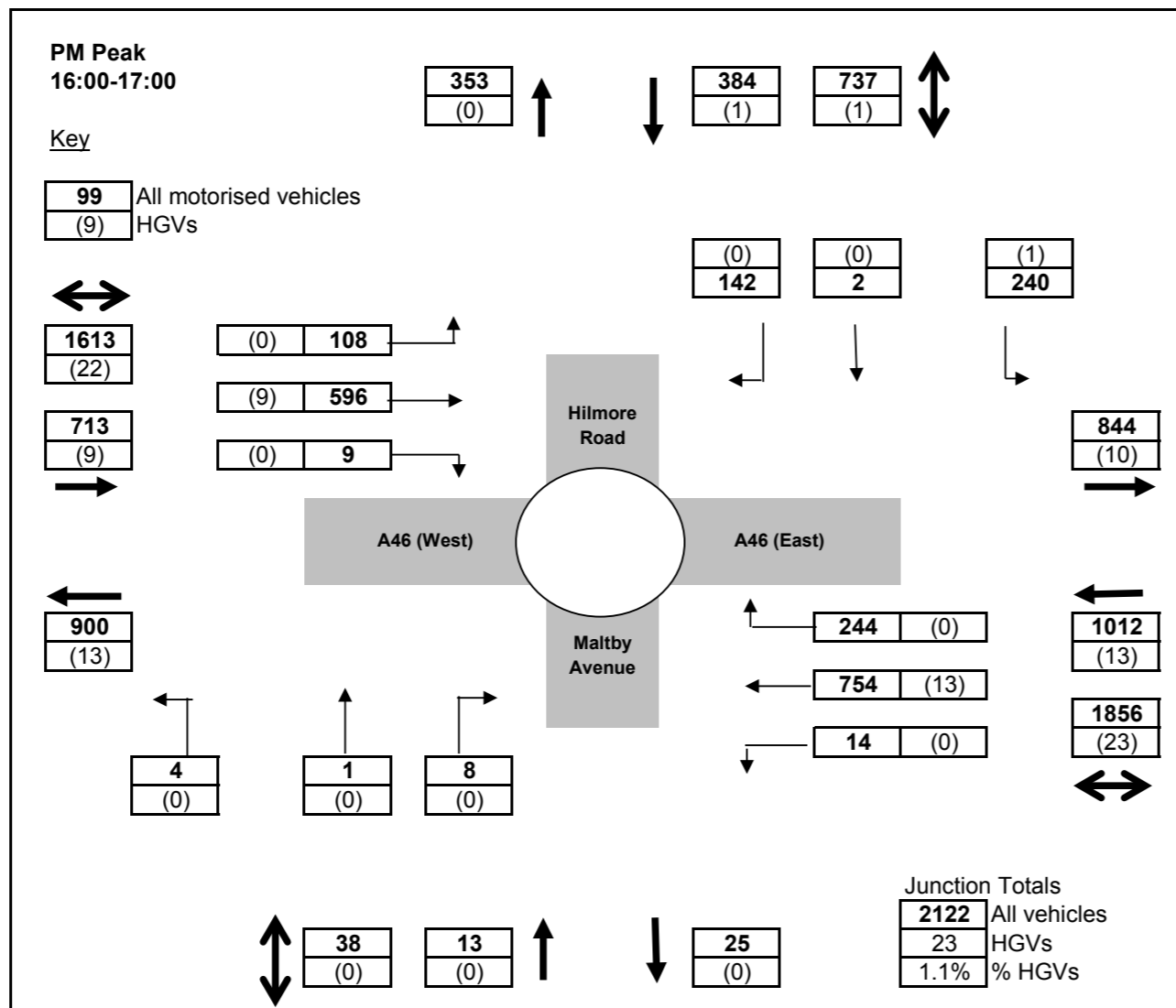
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BASE TRAFFIC FLOWS
SHEET 3 OF 4



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