

Chapter 13 MATERIAL ASSETS – TRAFFIC

- Appendix 13.4 AM Materials Compound Traffic Calculations

DRAFT

Development Junction

AM Peak Hour (9:00-10:00)

Surveyed Car Traffic 2013

Seasonal Adjustment Factor = 1.2

Route	A	B	C
A			28.8
B	0		0
C	39.6	0	

Baseflow Car Traffic 2015

Growth Factor = 1.04

Route	A	B	C
A		0	30
B	0		0
C	41	0	

Surveyed HGV Traffic 2013

Seasonal Adjustment Factor = 1.2

Route	A	B	C
A			0
B	0		0
C			0

Baseflow HGV Traffic 2015

Growth Factor = 1.04

Route	A	B	C
A			0
B	0		0
C	0		0

Surveyed Traffic 2013

Seasonal Adjustment Factor = 1.2

Route	A	B	C
A			28.8
B	0		0
C	39.6	0	

Baseflow Traffic 2015

Route	A	B	C
A			30
B	0		0
C	41	0	

Surveyed Traffic 2013

% HGVs

Route	A	B	C
A		#DIV/0!	0
B	#DIV/0!		#DIV/0!
C	0	#DIV/0!	

Baseflow Traffic 2015

% HGVs

Route	A	B	C
A		#DIV/0!	0
B	#DIV/0!		#DIV/0!
C	0	#DIV/0!	

Development Junction

AM Peak Hour (9:00-10:00)

Arm A - R4700 North
 Arm B - Access
 Arm C - R7400 South

Baseflow + Generated Car Traffic 2015

Route	A	B	C
A	0	7	30
B	7	0	0
C	41	0	0

Baseflow + Generated HGV Traffic 2015

Route	A	B	C
A	0	40	0
B	40	0	0
C	0	0	0

Baseflow + Generated Traffic 2015

Route	A	B	C
A	0	47	30
B	47	0	0
C	41	0	0

Baseflow + Generated Traffic 2015
 % HGVs

Route	A	B	C
A		85.1	0.0
B	85.1	#DIV/0!	
C	0.0	#DIV/0!	

N2 / Link Road Junction

AM Peak Hour (8:00-9:00)

Surveyed Car Traffic 2013

Seasonal Adjustment Factor = 1.2

Route	A	B	C
A		2.4	159.6
B	9.6		7.2
C	234	4.8	

Baseflow Car Traffic 2015

Growth Factor = 1.04

Route	A	B	C
A		2	166
B	10		7
C	243	5	

Surveyed HGV Traffic 2013

Seasonal Adjustment Factor = 1.2

Route	A	B	C
A		0	20.4
B	0		0
C	19.2	0	

Baseflow HGV Traffic 2015

Growth Factor = 1.04

Route	A	B	C
A		0	21
B	0		0
C	20	0	

Surveyed Traffic 2013

Seasonal Adjustment Factor = 1.2

Route	A	B	C
A	0	2.4	180
B	9.6	0	7.2
C	253.2	4.8	0

Baseflow Traffic 2015

Route	A	B	C
A		2	187
B	10		7
C	263	5	

Surveyed Traffic 2013

% HGVs

Route	A	B	C
A		0	11.3
B	0		0
C	7.6	0	

Baseflow Traffic 2015

% HGVs

Route	A	B	C
A		0	11.2
B	0		0
C	7.6	0	

N2 / Link Road Junction

AM Peak Hour (8:00-9:00)

Arm A - N2 South
 Arm B - Link Road
 Arm C - N2 North

Baseflow + Generated Car Traffic 2015

Route	A	B	C
A	0	6	166
B	14	0	11
C	243	9	0

Baseflow + Generated HGV Traffic 2015

Route	A	B	C
A	0	23	21
B	23	0	23
C	20	23	0

Baseflow + Generated Traffic 2015

Route	A	B	C
A	0	29	187
B	37	0	34
C	263	32	0

Baseflow + Generated Traffic 2015
 % HGVs

Route	A	B	C
A		78.2	11.2
B	62.8		67.3
C	7.6	72.3	

L4700 / Link Road Junction

AM Peak Hour (8:00-9:00)

Surveyed Car Traffic 2013

Seasonal Adjustment Factor = 1.2

Route	A	B	C
A		7.2	18
B	3.6		3.6
C	26.4	9.6	

Baseflow Car Traffic 2015

Growth Factor = 1.04

Route	A	B	C
A		7	19
B	4		4
C	27	10	

Surveyed HGV Traffic 2013

Seasonal Adjustment Factor = 1.2

Route	A	B	C
A			0
B	0		0
C			0

Baseflow HGV Traffic 2015

Growth Factor = 1.04

Route	A	B	C
A			0
B	0		0
C	0		0

Surveyed Traffic 2013

Seasonal Adjustment Factor = 1.2

Route	A	B	C
A	0	7.2	18
B	3.6	0	3.6
C	26.4	9.6	0

Baseflow Traffic 2015

Route	A	B	C
A		7	19
B	4		4
C	27	10	

Surveyed Traffic 2013

% HGVs

Route	A	B	C
A			0
B	0		0
C	0	0	

Baseflow Traffic 2015

% HGVs

Route	A	B	C
A			0
B	0		0
C	0	0	

L4700 / Link Road Junction

AM Peak Hour (8:00-9:00)

Arm A - L4700 North
 Arm B - Link Road
 Arm C - L4700 South

Baseflow + Generated Car Traffic 2015

Route	A	B	C
A	0	7	19
B	4	0	11
C	27	17	0

Baseflow + Generated HGV Traffic 2015

Route	A	B	C
A	0	0	0
B	0	0	40
C	0	40	0

Baseflow + Generated Traffic 2015

Route	A	B	C
A	0	7	19
B	4	0	51
C	27	57	0

Baseflow + Generated Traffic 2015
 % HGVs

Route	A	B	C
A	0.0	0.0	0.0
B	0.0	0.0	79.1
C	0.0	70.7	0.0