Chapter 13 MATERIAL ASSETS – TRAFFIC

• Appendix 13.5 PM Materials Compound Traffic Calculations

Development Junction

PM Peak Hour (15:00-16:00)

Surveyed Car Traffic 2013 Seasonal Adjustment Factor =

Seasonal Adjustment Factor =				
Route	Α	В	С	
Α	0	0	3	7
В	0	0		
С	49	0		

Baseflow Car Traffic 2015

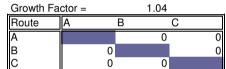
Growin Fa	Clor =		1.04		
Route	Α	В		С	
A			0	39)
В		0		()
С		51	0		

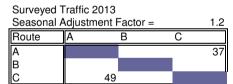
Surveyed HGV Traffic 2013 Seasonal Adjustment Factor =

00000110	,	month act	,.	
Route	Α	В	С	
Α			0	0
В		0		
С		0	0	

1.2

Baseflow HGV Traffic 2015





Baseflow Traffic 2015

Route	Α		В		С	
Α				0		39
В		0				0
С		51		0		

Surveyed Traffic 2013 % HGVs

Route	Α	В	С
Α		#DIV/0!	0
В	#DIV/0!		#DIV/0!
С	0	#DIV/0!	

Baseflow Traffic 2015

% HGVs

Route	Α	В	С
Α		#DIV/0!	0
В	#DIV/0!		#DIV/0!
С	0	#DIV/0!	

Development Junction PM Peak Hour (15:00-16:00)

Baseflow + Generated Car Traffic 2015

Arm A - R4/00 North
Arm B - Access
Arm C - R7400 South

Route	Α	В	С
Α	0	7	39
В	7	0	0
С	51	0	0

Baseflow + Generated HGV Traffic 2015

Route	Α		В		С	
Α		0		40		0
В		40		0		0
С		0		0		0

Baseflow + Generatd Traffic 2015

Route	Α	В	С
Α		47	39
В	47		0
С	51	0	

Baseflow + Generated Traffic 2015 % HGVs

Route	Α	В	С
Α		85.1	0.0
В	85.1		#DIV/0!
С	0.0	#DIV/0!	

N2 / Link Road Junction

PM Peak Hour (16:00-17:00)

Surveyed Car Traffic 2013
Seasonal Adjustment Factor

Seasonal Aujustinient Factor =					1.2
Route	Α	В		С	
Α			9.6		331.2
В	4.8	3			7.2
C	265.2)	72		

Baseflow Car Traffic 2015 Growth Factor -

Growth Fa	ctor =		1.04		
Route	Α	В		С	
A			10		344
В	5	5			7
С	276	;	7		

Surveyed HGV Traffic 2013 Seasonal Adjustment Factor =

Route	Α	В	C	;
Α			0	33.6
В	0			0
ll C	20.4		Ο	

1.2

Baseflow HGV Traffic 2015 Growth Factor -

Growth Fa	ctor =	1.04	
Route	Α	В	С
Α		0	35
В	0		0
С	21	0	

Surveyed Traffic 2013

Seasonal Adjustment Factor = 1.2

o o a o o i i a i i			
Route	Α	В	С
Α	0	9.6	364.8
В	4.8	0	7.2
С	285.6	7.2	0

Baseflow Traffic 2015

Route	Α		В		С	
Α				10		379
В		5				7
С		297		7		

Surveyed Traffic 2013 % HGVs

Route	Α		В		С	
Α				0		9.2
В		0				0
С		7.1		0		

Baseflow Traffic 2015

% HGVs

Route	Α	В	С
Α		0	9.2
В	0		0
С	7.1	0	

N2 / Link Road Junction

PM Peak Hour (16:00-17:00)

Baseflow + Generated Car Traffic 2015

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

Route	Α	В	С
Α	0	14	344
В	9	0	11
С	276	11	0

Baseflow + Generated HGV Traffic 2015

Route	Α		В	С	
Α		0	2	3	35
В		23		0	23
С		21	2	3	0

Baseflow + Generatd Traffic 2015

Route	Α		В		С	
Α				37		379
В		32				34
С		297		34		

Baseflow + Generated Traffic 2015 % HGVs

Route	Α		В		С
Α				62.8	9.2
В		72.3			67.3
С		7.1		67.3	

L4700 / Link Road Junction

PM Peak Hour (17:00-18:00)

Surveyed Car Traffic 2013
Seasonal Adjustment Factor

Seasonai	1.2		
Route	Α	В	С
Α		4.8	25.2
В	7.2		9.6
C	34.8	7.2	

Baseflow Car Traffic 2015 Growth Factor -

Growth Fa	ctor =		1.04		
Route	Α	В		С	
A			5		26
В	7	7			10
С	36	3	7		

Surveyed HGV Traffic 2013 Seasonal Adjustment Factor =

			• •		
Route	Α	В		С	
Α			0		
В		0			0
С			0		

1.2

Baseflow HGV Traffic 2015 Growth Factor =

Growth Factor =		1.04			
Route	Α	В		С	
Α			0		0
В		0			0
С		0	0		

Surveyed Traffic 2013 Seasonal Adjustment Factor = 1.2

Route	Α		В		С	
Α		0		4.8		25.2
В		7.2		0		9.6
С		34.8		7.2		0

Baseflow Traffic 2015

Route	Α		В		С	
Α				5		26
В		7				10
С		36		7		

Surveyed Traffic 2013

% HGVs

Route	Α		В		С	
Α				0		0
В		0				0
С		0		0		

Baseflow Traffic 2015

% HGVs

Route	Α	В		С
Α			0	(
В		0		(
С		0	0	

L4700 / Link Road Junction

PM Peak Hour (17:00-18:00)

Baseflow + Generated Car Traffic 2015

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

Route	Α		3	С
Α		0	5	26
В		7	0	17
С		36	14	0

Baseflow + Generated HGV Traffic 2015

Route	Α		В		С	
Α		0		0		0
В		0		0		40
С		0		40		0

Baseflow + Generatd Traffic 2015

Route	Α		В	С	
Α				5	26
В		7			57
С		36	5	54	

Baseflow + Generated Traffic 2015 % HGVs

/6 HG V S			
Route	Α	В	С
Α		0.0	0.0
В	0.0		70.7
С	0.0	73.8	