

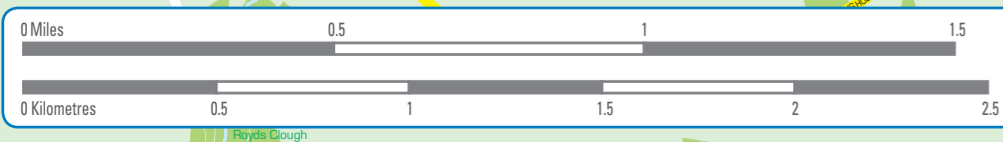
Sheffield City Council

Sheffield City Council

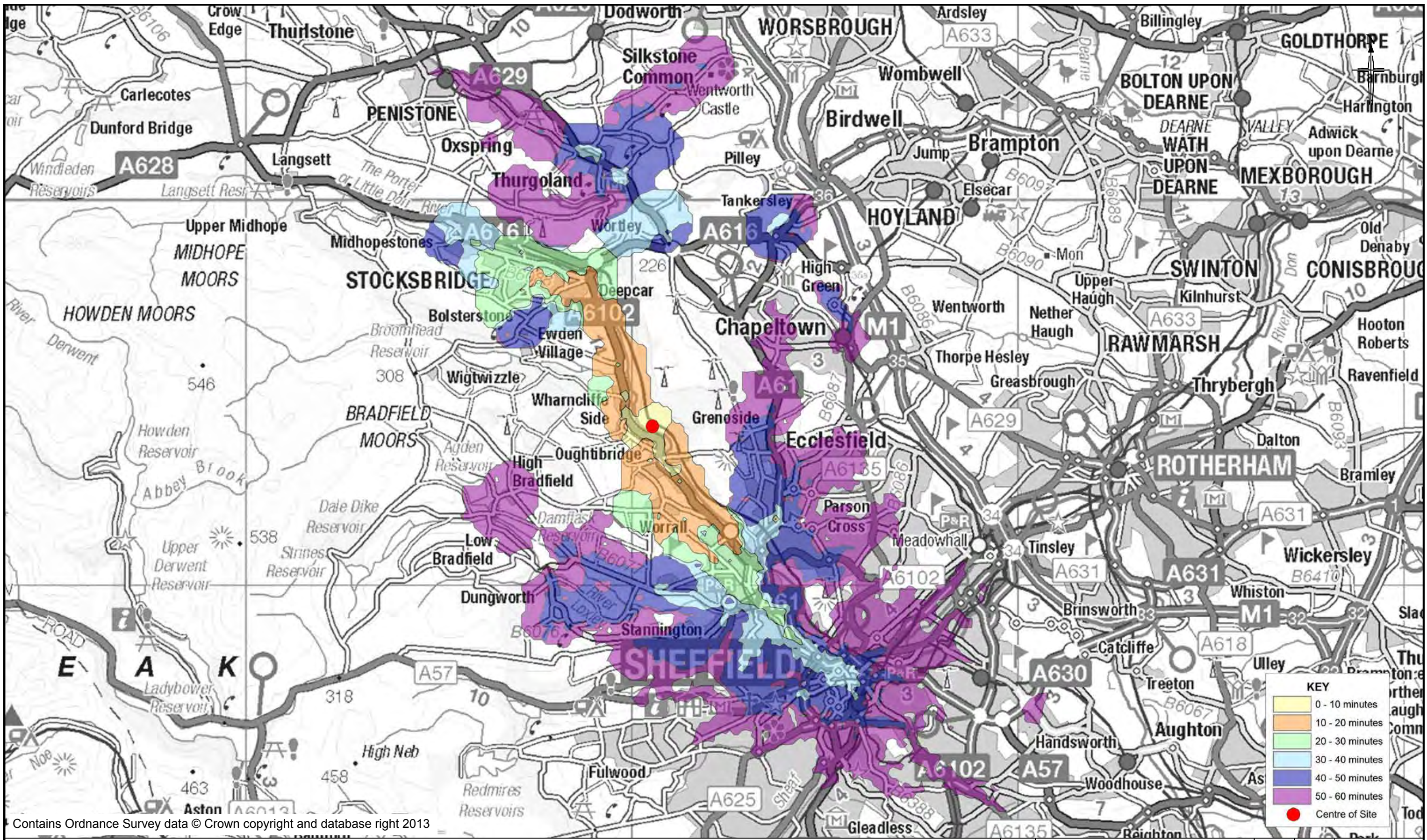
Key

Signed cycle route	Toucan crossing
Advisory cycle route (Traffic volumes may vary according to time of day)	Pelican crossing
Bus / Cycle lane	Cycle parking
Supertram (on-road section only)	University / College / School
Traffic-free path	Hospital
Bridleway (Surfaces may vary)	Library
Footpath	Leisure centre
Pedestrian area	Refreshments
National Cycle Network route number	Steep hill (arrow points downhill)
Railway with station	
Tram station	
Boundary	

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Ordnance Survey 100018816
The representation of a track or path is no
evidence of a public right of way.
Users of these routes do so at their own risk.



APPENDIX BGH 9



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Client: CEG
 Project: OUGHTIBRIDGE MILLS, OUGHTIBRIDGE

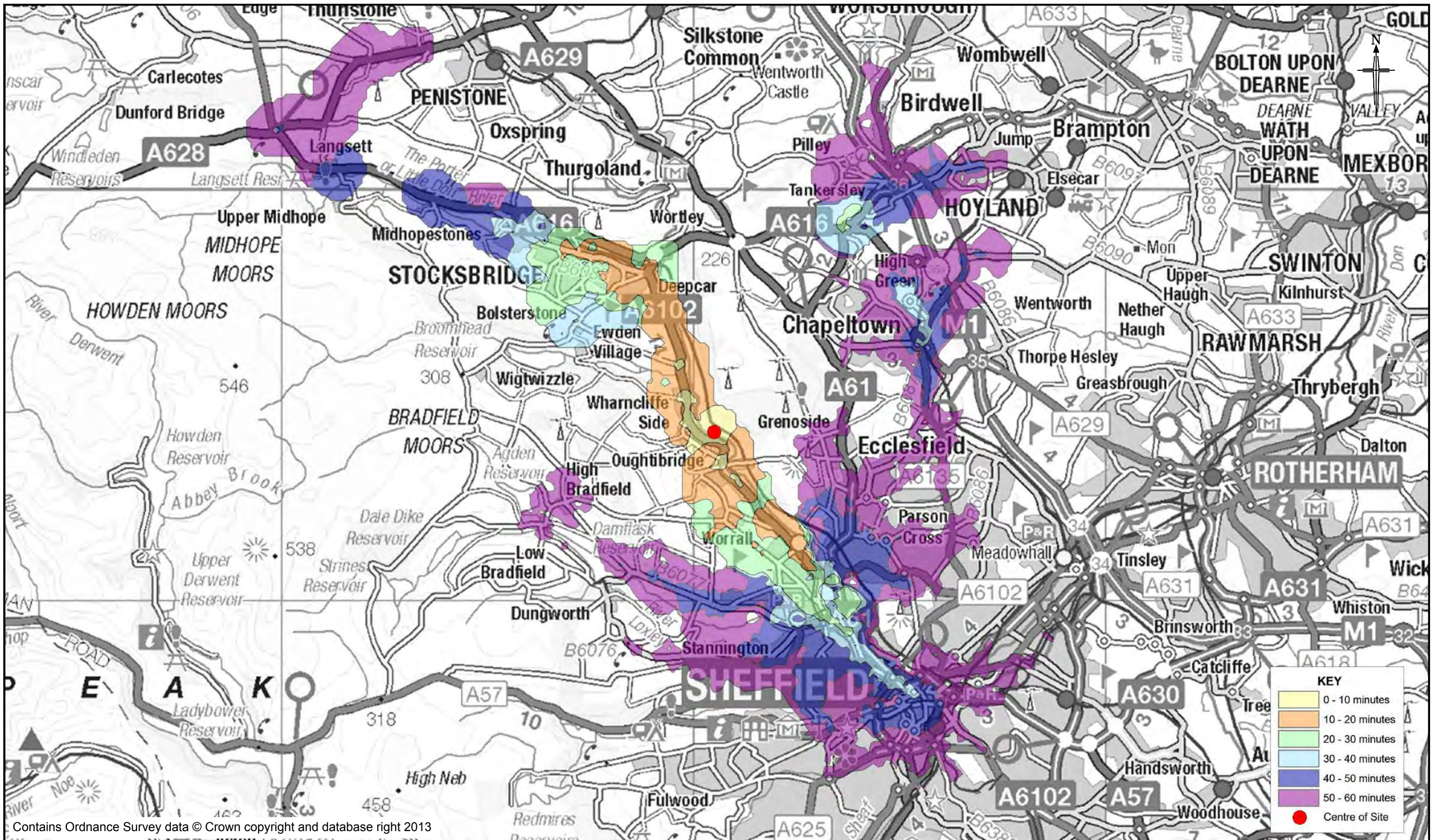
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Title: TRACC PUBLIC TRANSPORT CATCHMENT
 60 MINUTES, AM PEAK

Rev:	Amendment:	Drm:	Chk:	Date:
Job No:	15-215	Drawn:	RD	Checked: MC
Scale:	N.T.S. A3 - 420 x 297	Drawing No:	15/215/ACC/003	Date: 16-11-2015
				Revision:



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Client: CEG

Project: OUGHTIBRIDGE MILLS,
OUGHTIBRIDGE

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Title: TRACC PUBLIC TRANSPORT CATCHMENT
60 MINUTES, PM PEAK

Rev:	Amendment:	Drm:	Chk:	Date:
Job No:	15-215	Drawn:	RD	Checked: MC
Scale:	N.T.S.	Drawing No:	15/215/ACC/004	Date: 16-11-2015
	A3 - 420 x 297			Revision:

APPENDIX BGH 10

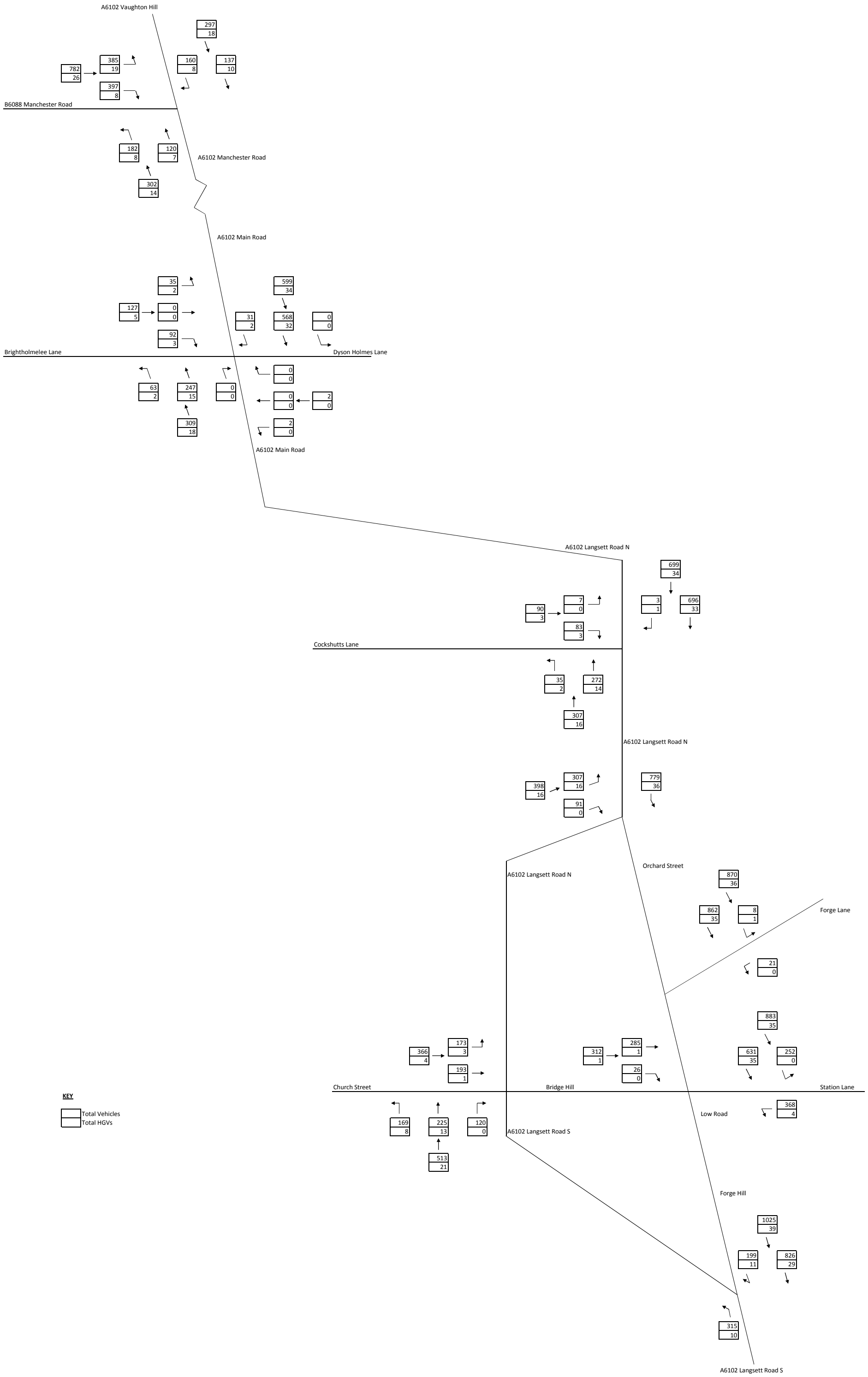
Growth Factors

Weekday AM Peak 2015 - 2021

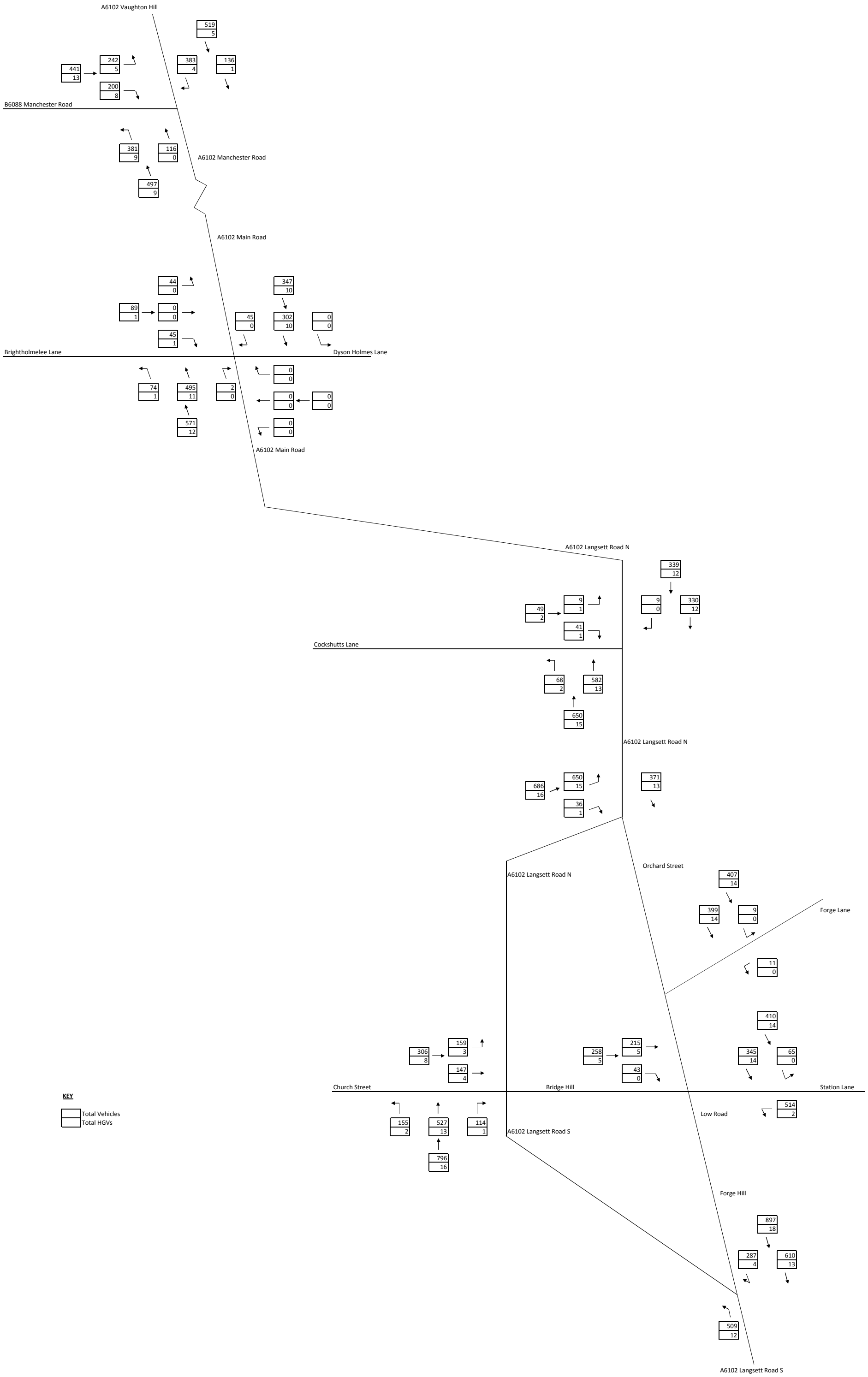
Level	Area	Local Growth Figure
00CG6	Oughtibridge & Wharnccliffe Side	1.097127943

Weekday PM Peak 2015 - 2021

Level	Area	Local Growth Figure
00CG6	Oughtibridge & Wharnccliffe Side	1.097960125



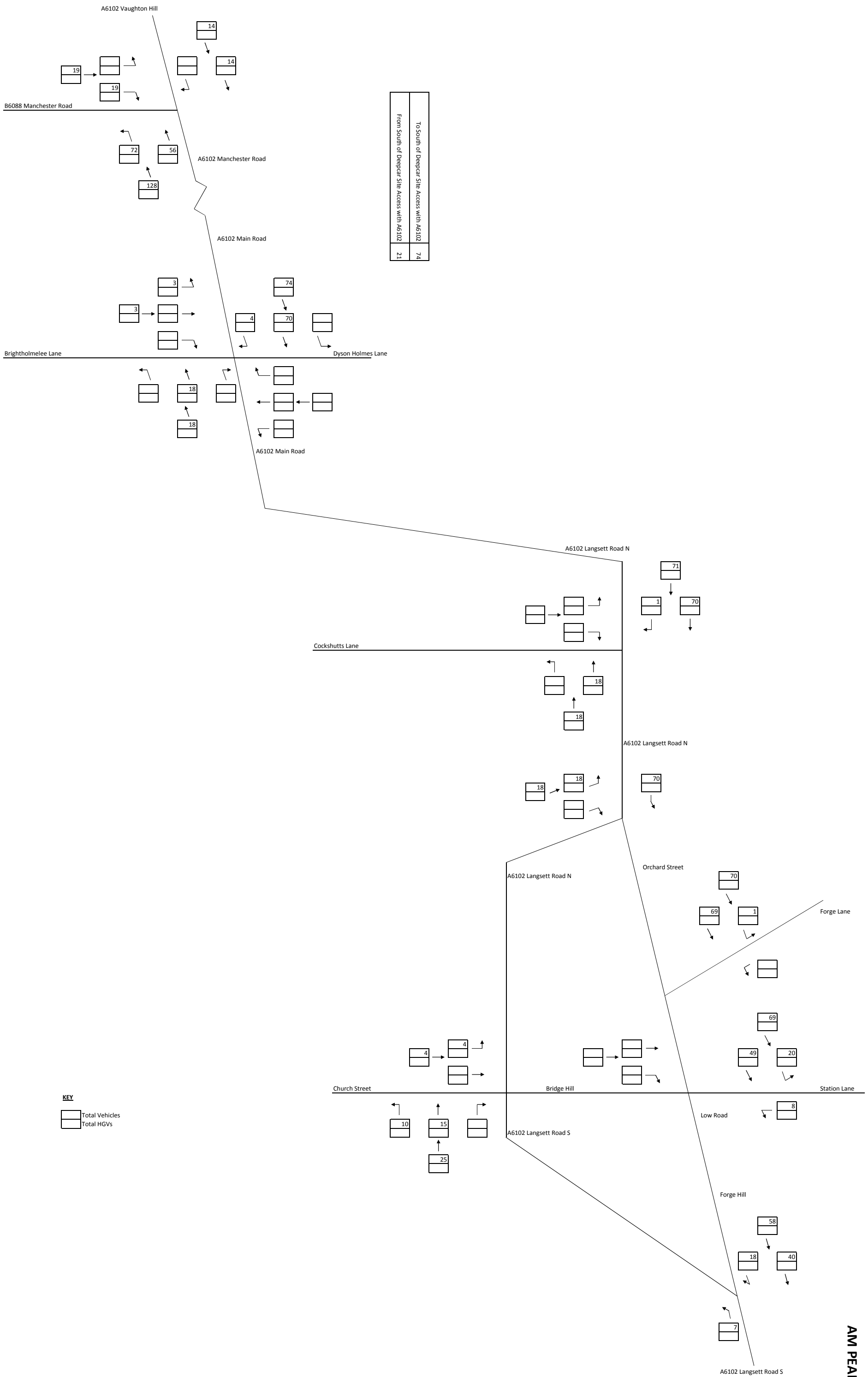
GROWTHED 2021 VEHICULAR FLOWS
OUGHTRIDGE, SHEFFIELD
7:45 am - 8:45 am
AM PEAK



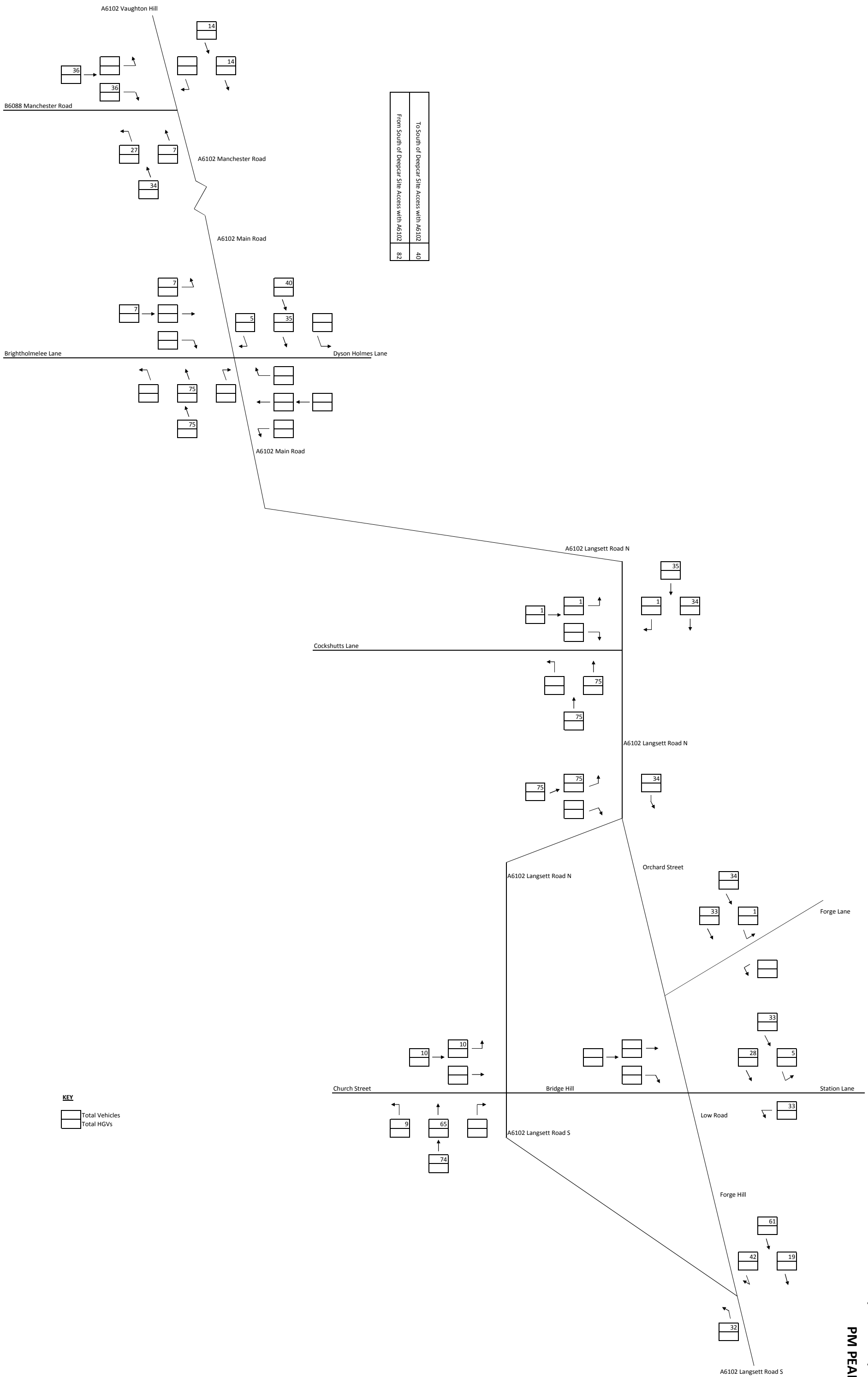
KEY
 Total Vehicles
 Total HGVs

GROWTHED 2021 VEHICULAR FLOWS
OUGHTRIDGE, SHEFFIELD
5:00 pm - 6:00 pm
PM PEAK

APPENDIX BGH 11

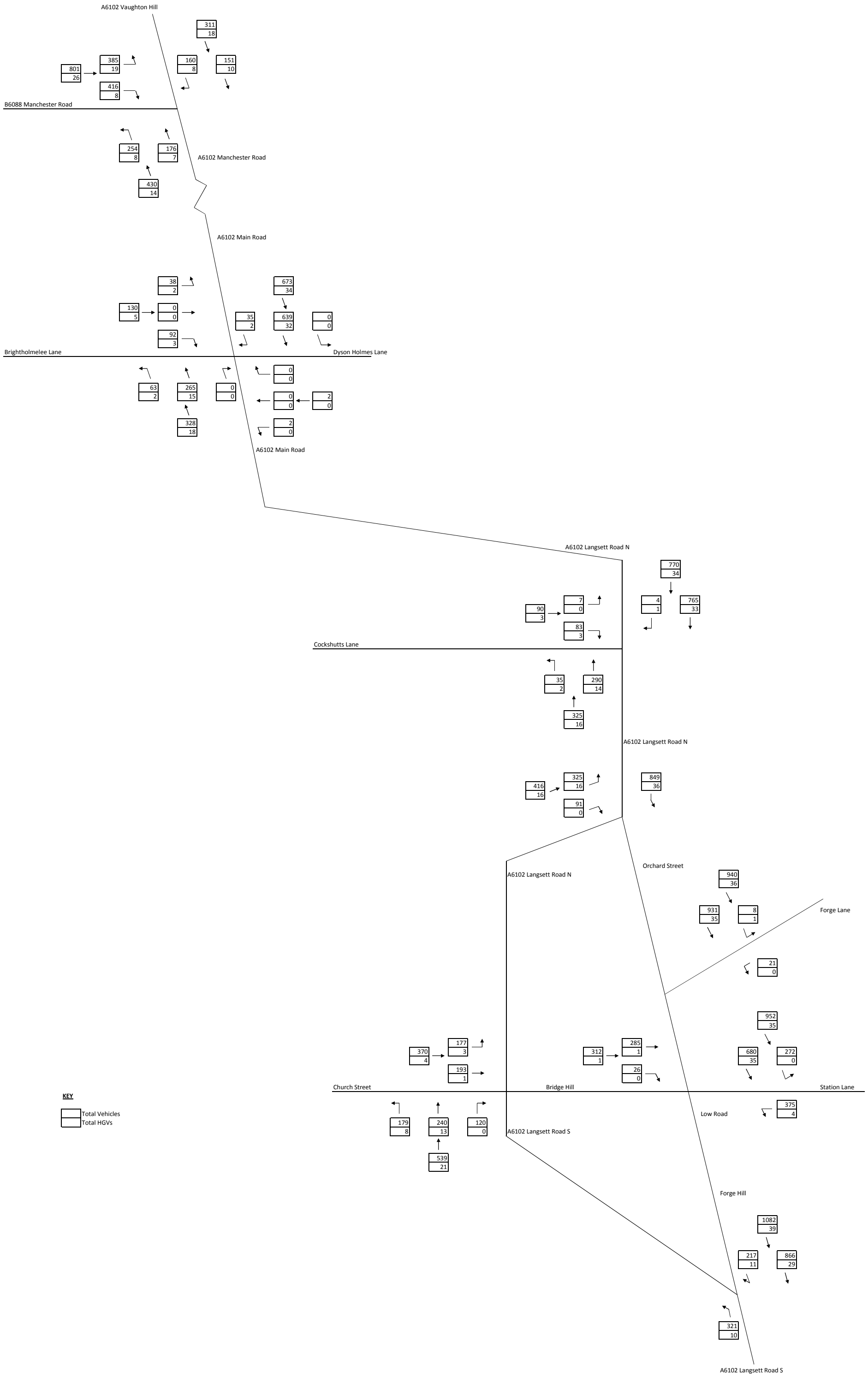


COMMITTED DEVELOPMENT FLOWS
DEEPCAR DEVELOPMENT - 460 DWELLINGS
OUGHTRIDGE, SHEFFIELD
7:45 am - 8:45 am
AM PEAK



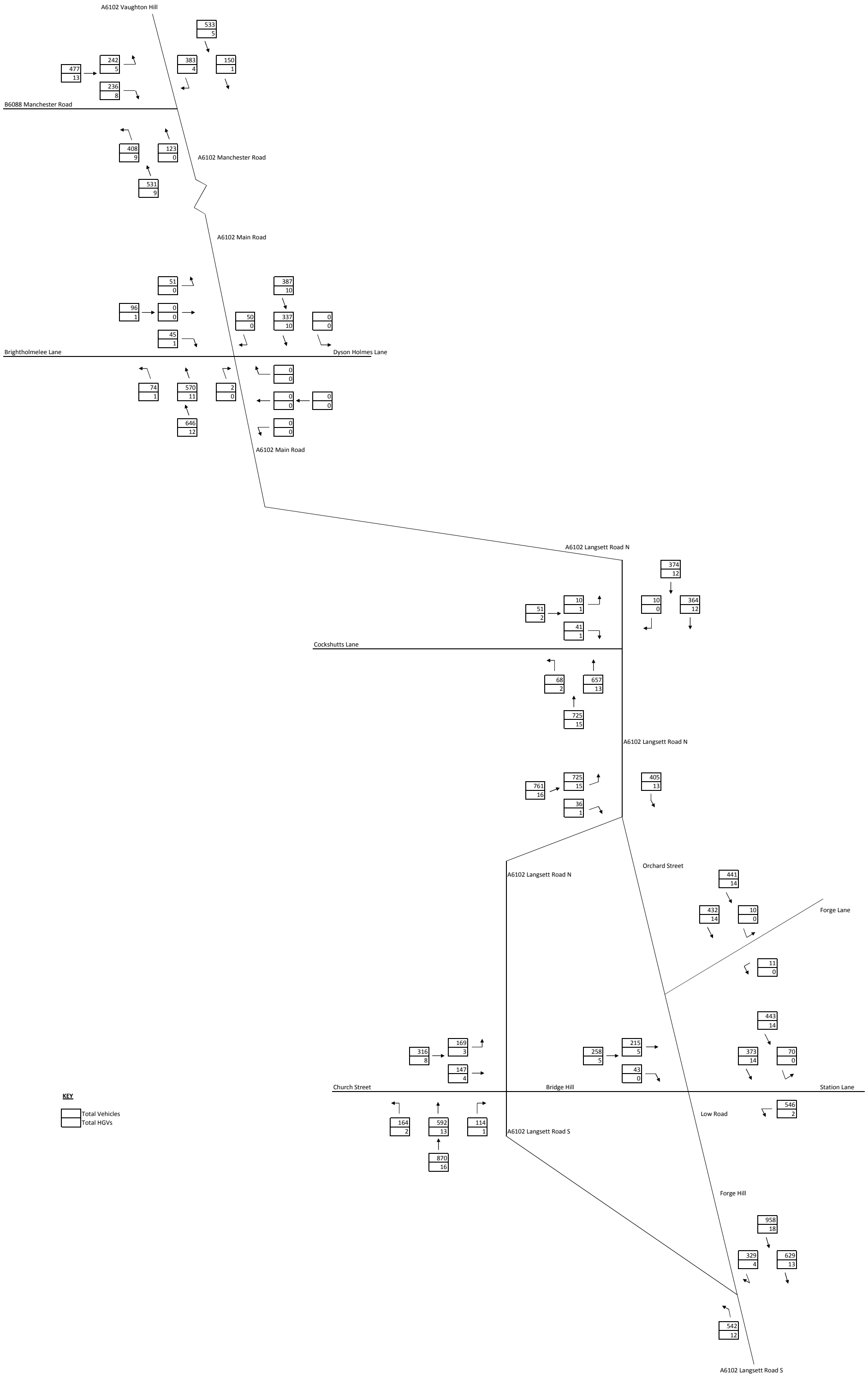
COMMITTED DEVELOPMENT FLOWS
DEEPCAR DEVELOPMENT - 460 DWELLINGS
OUGHTIBRIDGE, SHEFFIELD
5:00 pm - 6:00 pm
PM PEAK

APPENDIX BGH 12



KEY
 [Top Box] Total Vehicles
 [Bottom Box] Total HGVs

BASE 2021 VEHICULAR FLOWS
OUGHTRIDGE, SHEFFIELD
7:45 am - 8:45 am
AM PEAK



KEY
 [Top Box] Total Vehicles
 [Bottom Box] Total HGVs

BASE 2021 VEHICULAR FLOWS
OUGHTIBRIDGE, SHEFFIELD
5:00 pm - 6:00 pm
PM PEAK

APPENDIX BGH 13

Junctions 8

PICADY 8 - Priority Intersection Module

Version: 8.0.2.316 [14 Feb 2013]
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The users of this computer program for the solution of an engineering problem are in no way relieved of their responsibility for the correctness of the solution

Filename: Cockshutts Ln-A6102 Langsett Rd N (3).arc8

Path: Y:\2015\15-201 to 15-225\15-215 Oughtibridge Mill, Oughtibridge\Technical\Junction Models

Report generation date: 16/03/2016 15:13:10

Summary of junction performance

AM Peak				
	Queue (PCU)	Delay (s)	RFC	LOS
Existing Layout - Base 2021				
Stream B-C	0.02	7.30	0.02	A
Stream B-A	0.32	12.41	0.25	B
Stream C-AB	0.02	3.82	0.01	A
Stream C-A	-	-	-	-
Stream A-B	-	-	-	-
Stream A-C	-	-	-	-

Values shown are the maximum values over all time segments. Delay is the maximum value of average delay per arriving vehicle.

"D1 - Existing 2015, AM Peak" model duration: 07:30 - 09:00

"D2 - Existing 2015, PM Peak" model duration: 16:45 - 18:15

"D3 - Base 2021, AM Peak " model duration: 07:30 - 09:00

"D4 - Base 2021, PM Peak" model duration: 16:45 - 18:15

"D5 - Predicted 2021, AM Peak" model duration: 07:30 - 09:00

"D6 - Predicted 2021, PM Peak" model duration: 16:45 - 18:15

Run using Junctions 8.0.2.316 at 16/03/2016 15:13:10

File summary

File Description

Title	Cockshutts Lane/A6102 Langsett Road N Priority T-Junction
Location	Oughtibridge, Sheffield
Site Number	
Date	11/01/2016
Version	
Status	
Identifier	
Client	CEG
Jobnumber	15-215
Enumerator	RD
Description	

Analysis Options

Vehicle Length (m)	Do Queue Variations	Calculate Residual Capacity	Residual Capacity Criteria Type	RFC Threshold	Average Delay Threshold (s)	Queue Threshold (PCU)
5.75			N/A	0.85	36.00	20.00

Units

Distance Units	Speed Units	Traffic Units Input	Traffic Units Results	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
m	kph	PCU	PCU	perHour	s	-Min	perMin