

Appendix 1

HOUSE TYPE

code	type	no
201	2 bed semi det/terr	10
202	2 bed semi det	10
301	3 bed semi det	11
302	3 bed semi det	4
304	3 bed detached	3
307	3 bed detached	2
308	3 bed semi det	4
401	4 bed detached	5
403	4 bed detached	3
404	4 bed detached	1
405	4 bed detached	7

TOTAL 60

- NOT FOR USE ON SITE -
PROVISIONAL LAYOUT DRAWING, SUBJECT TO
PLANNING APPROVAL

- Existing tree to be removed
- Existing tree to be retained and protected during construction to British Standard BS31199.
- Areas of new tree planting see schedule for species
- New shrubs/ground cover planting
- Grass to front garden
- Painted slab access paths to level threshold for principle entrance. Gradient not to exceed 1:12 for maximum 5.00m length
- Private drives
- 1.80m high screen wall
- 5.0m boarded vertical screen fence 1.80m high (100 x 22mm boards with 22mm gaps, 50mm x 38mm rails, 100 x 100mm posts @ 1.875m centres)
- As above, height reduced to 1.20m
- Plot division fence, post & wire
- House type code reference number
- Plot number
- Material code reference refer to schedule
- Garage location
- Parking bays
- Proposed floor levels subject to a tolerance of + / - 0.05m

LOWFIELD ROAD

AREA OF EXISTING TREES TO BE RETAINED

LOWFIELD MEADOWS

2.00m HIGH ACCORDING FENCE TO SPECIALIST DESIGN

RAILWAY LINES

gleeson
Richard Ward Design
Chartered Architectural Technologist
Architectural Design & Development Consultant
Richard S. Ward
M.C.I.A.T.
Telephone 01604 410943
2, Burtram Close
Weston Favell
Northampton NN3 3PE

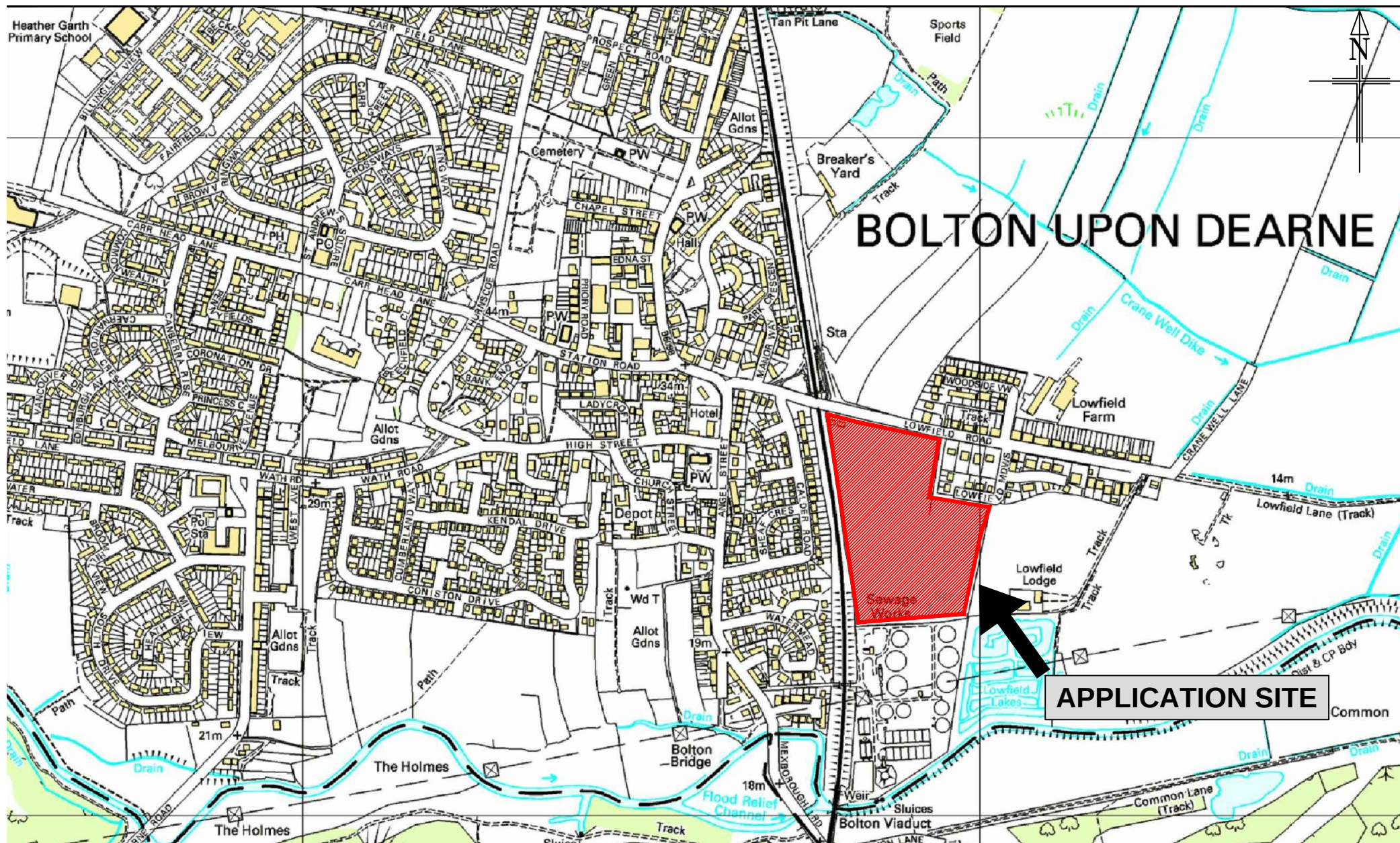
**LOWFIELD ROAD
BOLTON ON DEARNE**

planning layout

**GLEESON
HOMES & REGENERATION**

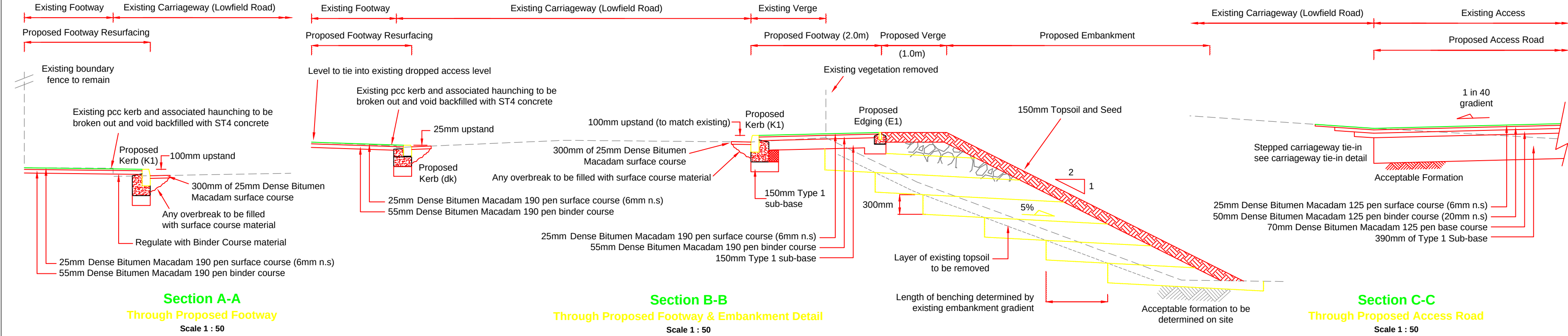
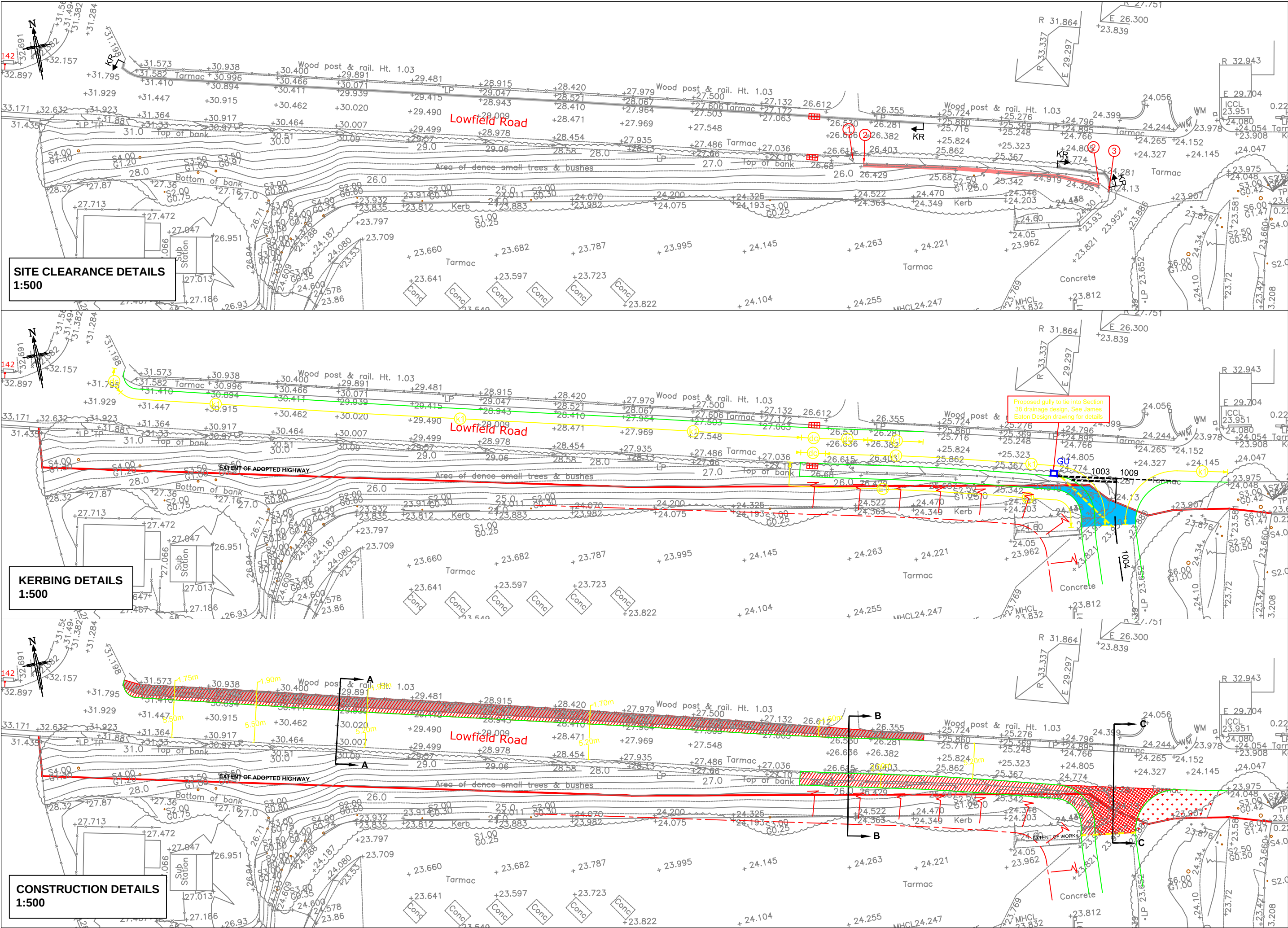
Ref	Additional land & resources detail sheet	Scale
		1:500 at A1
		Date
		16.07.11
		Draw No
		344/2A

Appendix 2



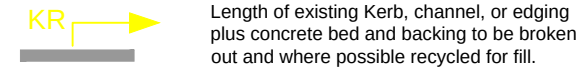
Client GLEESON REGENERATION AND HOMES BRYAN • G • HALL consulting civil & transportation planning engineers Bryan G Hall Ltd. Suite 8C Joseph's Well Hanover Walk Leeds LS3 7AB Tel: +44(0)113 246 1555 Fax: +44(0)113 234 2201 http://www.bryanhall.co.uk	Project BOLTON UPON DEARNE SOUTH YORKSHIRE				
	Title SITE LOCATION PLAN IN RELATION TO THE LOCAL HIGHWAY NETWORK	Rev Scale 1:5,000 @ A4 Drawn RD Job No 13-141	Date MARCH 2013 Checked AM Drawing No APPENDIX 2	Drawn Chkd Appr Date Doc Sheet No Approved DJP Rev _	

Appendix 3



SITE CLEARANCE

- Existing inspection chamber cover to be adjusted to match new footway levels.
- Length of existing vegetation to be taken down and roots grubbed up in accordance with clause 202 of the Specification for Highway Works.
- Existing gate post and foundation to be taken up and removed to tip off site.



ROAD MARKING DETAILS

Diagram.	Description.
1004	4000mm line 2000mm gap 100mm wide
1003	600mm line 300mm gap 200mm wide
1009	600mm line 300mm gap 100mm wide

KERBING DETAILS

- 400 x 400 Buff tactile paving to BS 7263 - 3, BS. EN 1339: 2003 & South Yorkshire standard detail 13/14
- Area of land to be dedicated as highway
- 450mm diameter pcc gully and D400 cover and frame.

K1 = 125mm x 255mm pcc half battered - 100mm upstand
K2 = 125mm x 150mm pcc bull nose kerb - 0mm upstand
K3 = 125mm x 255mm pcc transition kerb
K4 = 125mm x 255mm pcc transition kerb
E1 = 150mm x 50mm pcc edging kerb
dc = Pedestrian drop crossing - 0-6mm upstand



CONSTRUCTION DETAILS

- New Carriageway Construction**
25mm Dense Bitumen Macadam 125 pen surface course (6mm n.s)
50mm Dense Bitumen Macadam 125 pen binder course (20mm n.s)
70mm Dense Bitumen Macadam 125 pen base course
390mm of Type 1 Sub-base
In areas of less than 1.0m carriageway construction ST4 concrete to be used in lieu of sub base
- New Flexible Footway Surfacing**
Where required break out existing material
25mm Dense Bitumen Macadam 190 pen surface course (6mm n.s)
55mm Dense Bitumen Macadam 190 pen binder course
150mm Type 1 sub-base
- Footway Resurfacing**
Break out existing bituminous footway surface
Proof Roll existing sub base material
Regulate with Binder Course material if required
25mm Dense Bitumen Macadam 190 pen surface course (6mm n.s)
55mm Dense Bitumen Macadam 190 pen binder course
- Proposed Verges**
Break out existing construction and replace with:
150mm Topsoil and Seed

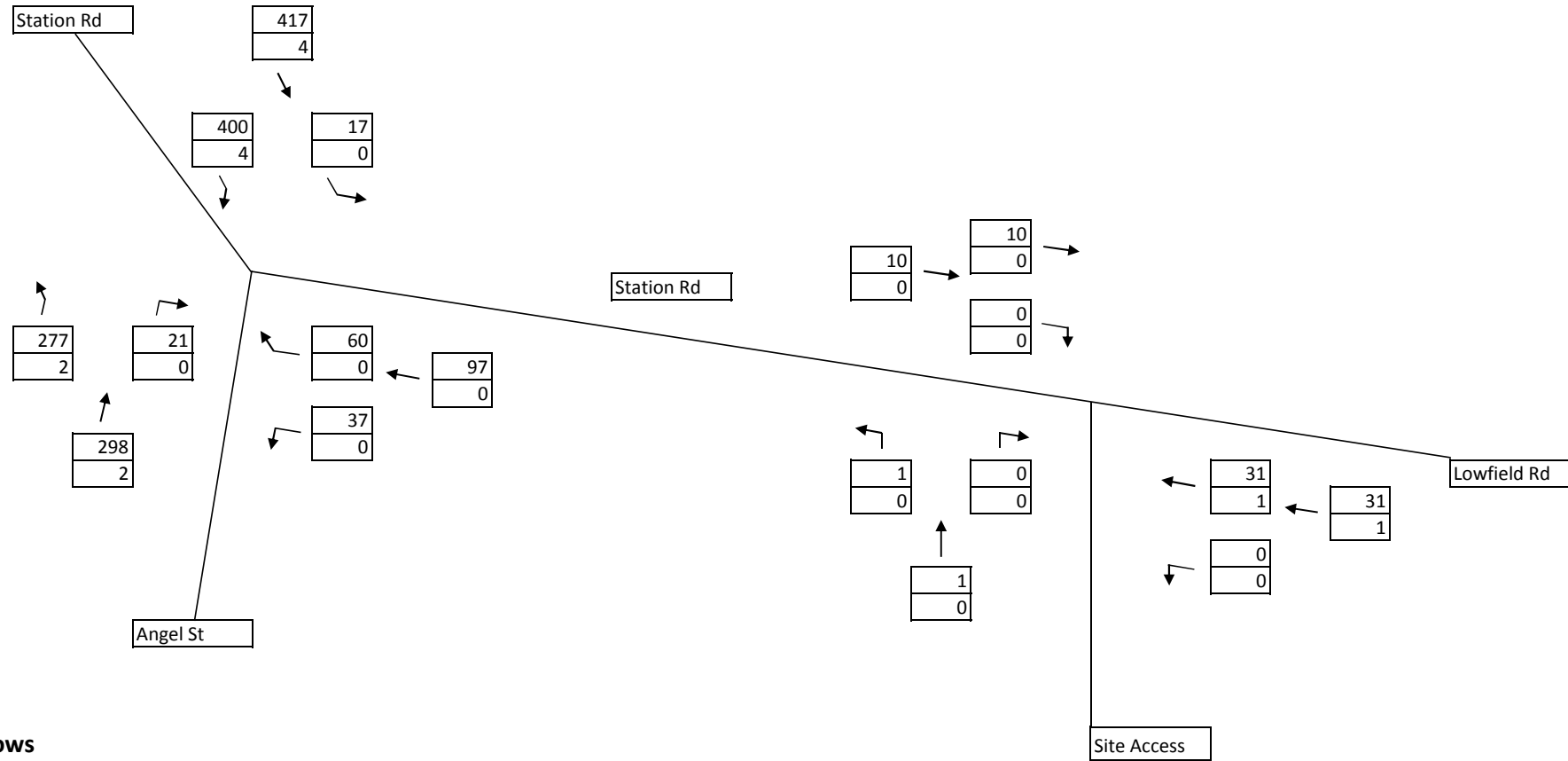
Drawing Number 12/126/DE/100/001		Revision A	
Notes 1. All works to be carried out in accordance with Barnsley Borough Council Council Highway Specification, and standard details unless otherwise instructed by Local Highway Officer. 2. All dimensions in millimetres unless otherwise stated. 3. The depth of foundations, beds channels etc. shall be 150mm, unless otherwise shown. 4. Although the underside of foundations are shown horizontal on the detail, allowance must be made for cross falls of formations and pavement courses. 5. Concrete for foundations and backing shall be mix ST4. 6. Unless otherwise shown on the drawing all kerbs to be vertical and upstand 125mm above the adjacent finished road surface. 7. All bedding concrete to be laid on a minimum of 150mm thick Type 1 sub-base. 9. Precast concrete kerbs to BS EN 1340. 10. All kerbs and edgings to be laid in accordance with BS 7533-6. 11. The mortar bed may be omitted if kerbs are being laid on wet laid concrete. 12. A pedestrian route through the works shall be maintained at all times and absolutely defined by suitable barriers and lights where necessary. 13. All paving details to tie into existing. 14. The contractor is obliged to obtain necessary road opening notices or licenses prior to commencement of the works. 15. All statutory undertakers covers and frames to be lifted/lowered to suit new footway levels prior to surfacing. 16. All services should be located on site prior to any works being carried out. 17. The contractor is to hand dig any trial pits to locate any services which may be affected by the proposed works. 18. All brick, masonry and PCC Kerbs shall be taken away and recycled where possible.			
TYPICAL CARRIAGEWAY TIE IN DETAIL N.T.S 			
General Note: Base material to be laid in two layers when thickness is greater than 100mm			
Do not scale this drawing			
Rev	Date	Amendments	Dm Chk App
A	27.02.13	Amended to Barnsley MBC comments received via email on 25.02.13	CT IE
BRYAN • G • HALL consulting civil & transportation planning engineers			
Status	FOR APPROVAL		
Client	GLEESON HOMES		
Project	LOWFIELD ROAD, BOLTON UPON DEARNE		
Title	PROPOSED ACCESS IMPROVEMENTS		
Drawing No.	12/126/DE/100/001	Revision	A
Scale	AS SHOWN	Job No. 12-126	Date 31/01/13
A2 - 420 x 594	Drawn CT	Checked JP	Approved RBC
Copyright reserved Suite E8 Joseph's Wall Bryan G Hall Ltd Leeds LS3 1AB Tel No: 0113 246 1555 Fax No: 0113 234 2201			

Appendix 4

BRYAN G HALL - SPEED ANALYSIS	
<u>Northbound</u>	<u>Southbound</u>
31	28
27	27
27	26
23	24
23	24
23	22
23	22
22	22
22	21
22	21
21	21
21	21
21	21
20	20
20	20
19	20
19	19
18	19
18	17
16	17
<u>NB 85th Total:</u>	<u>SB 85th Total:</u>
23.6	24.3

Appendix 5

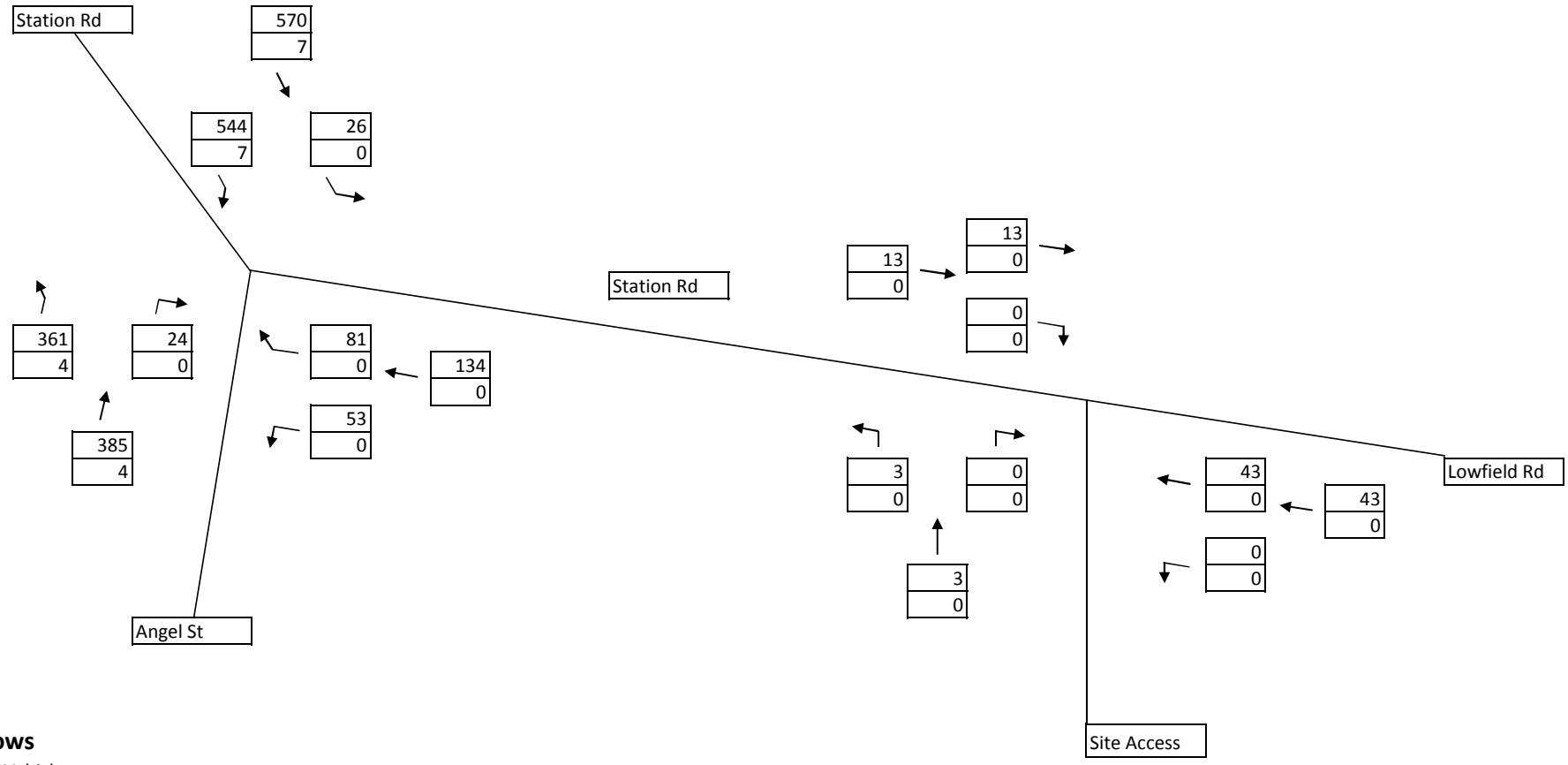
**EXISTING 2013 FLOWS
BOLTON UPON DEARNE
THURSDAY 7TH MARCH 2013
7:00 am - 8:00 am**



Traffic Flows

	Total Vehicles
	Total HGVs

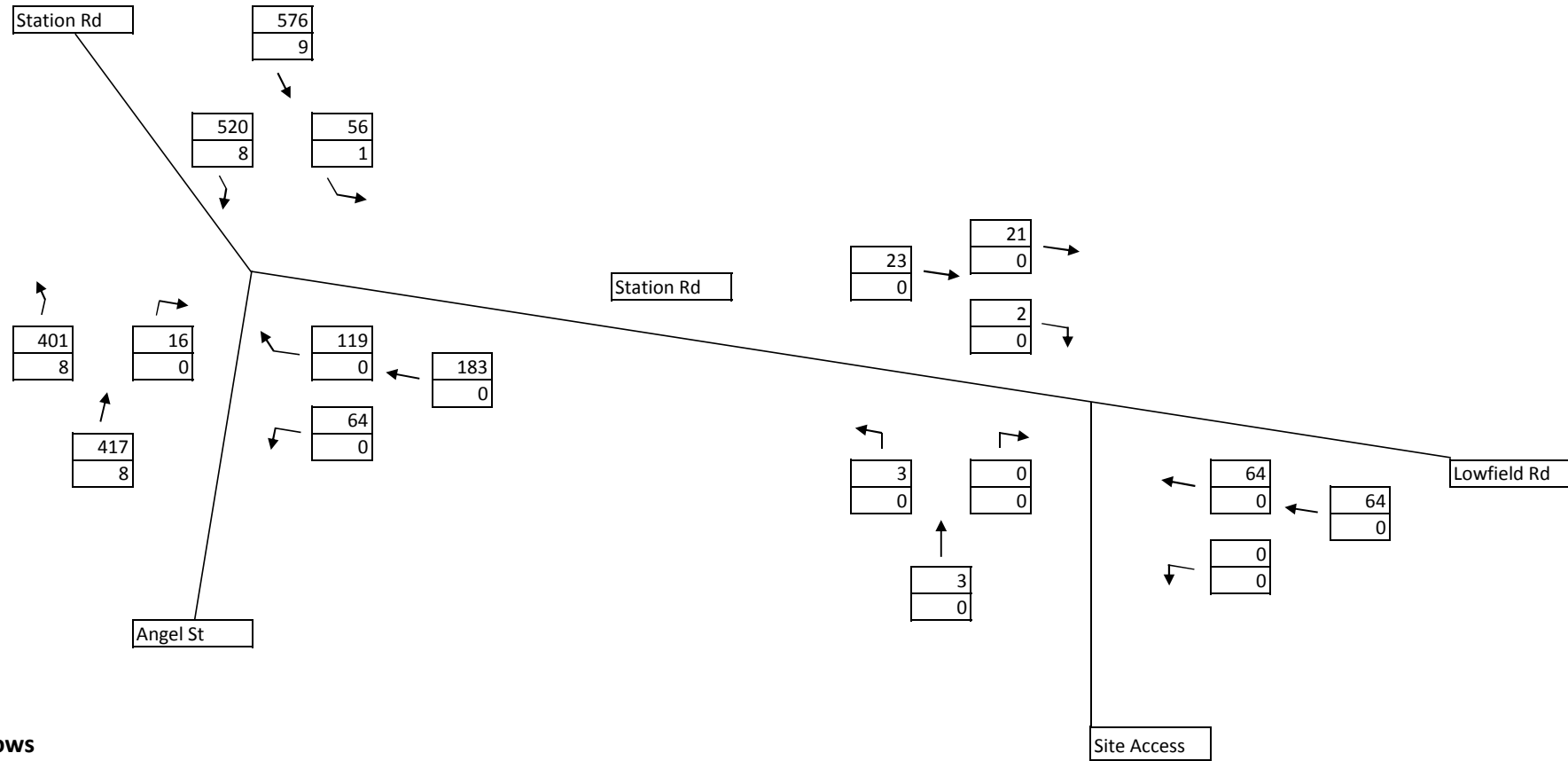
EXISTING 2013 FLOWS
BOLTON UPON DEARNE
THURSDAY 7TH MARCH 2013
7:30 am - 8:30 am



Traffic Flows

	Total Vehicles
	Total HGVs

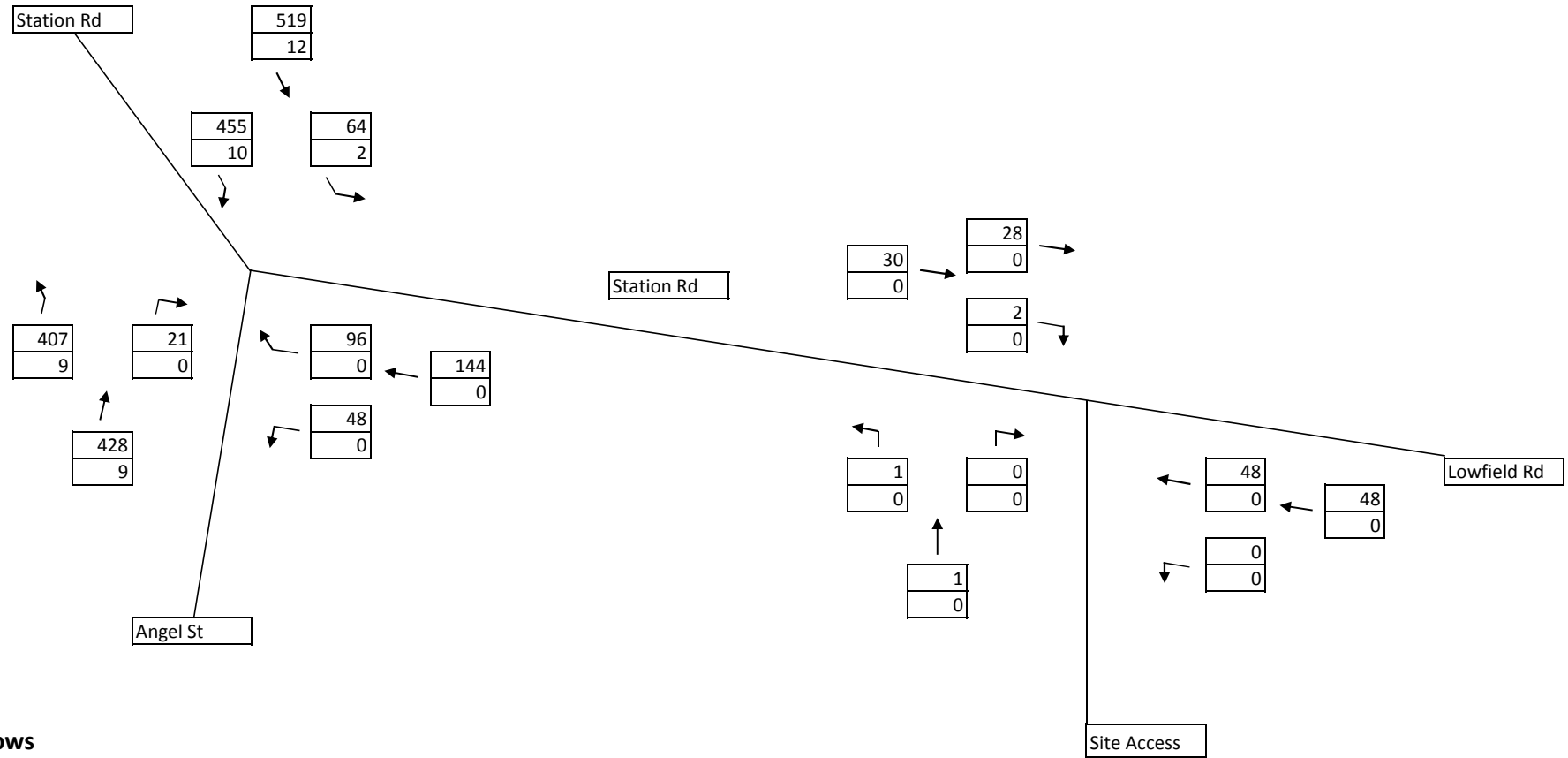
**EXISTING 2013 FLOWS
BOLTON UPON DEARNE
THURSDAY 7TH MARCH 2013
8:00 am - 9:00 am**



Traffic Flows

	Total Vehicles
	Total HGVs

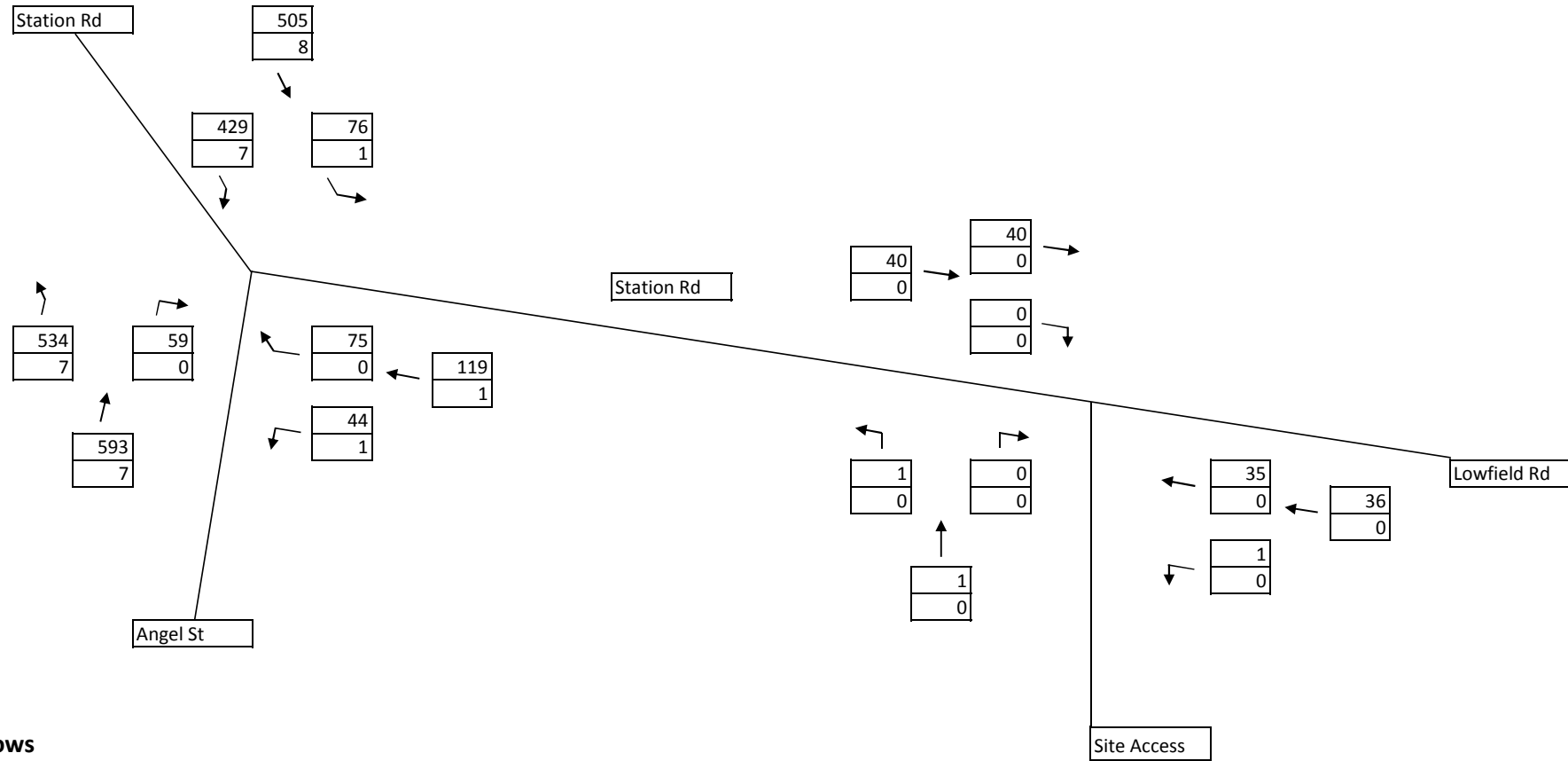
**EXISTING 2013 FLOWS
BOLTON UPON DEARNE
THURSDAY 7TH MARCH 2013
8:30 am - 9:30 am**



Traffic Flows

	Total Vehicles
	Total HGVs

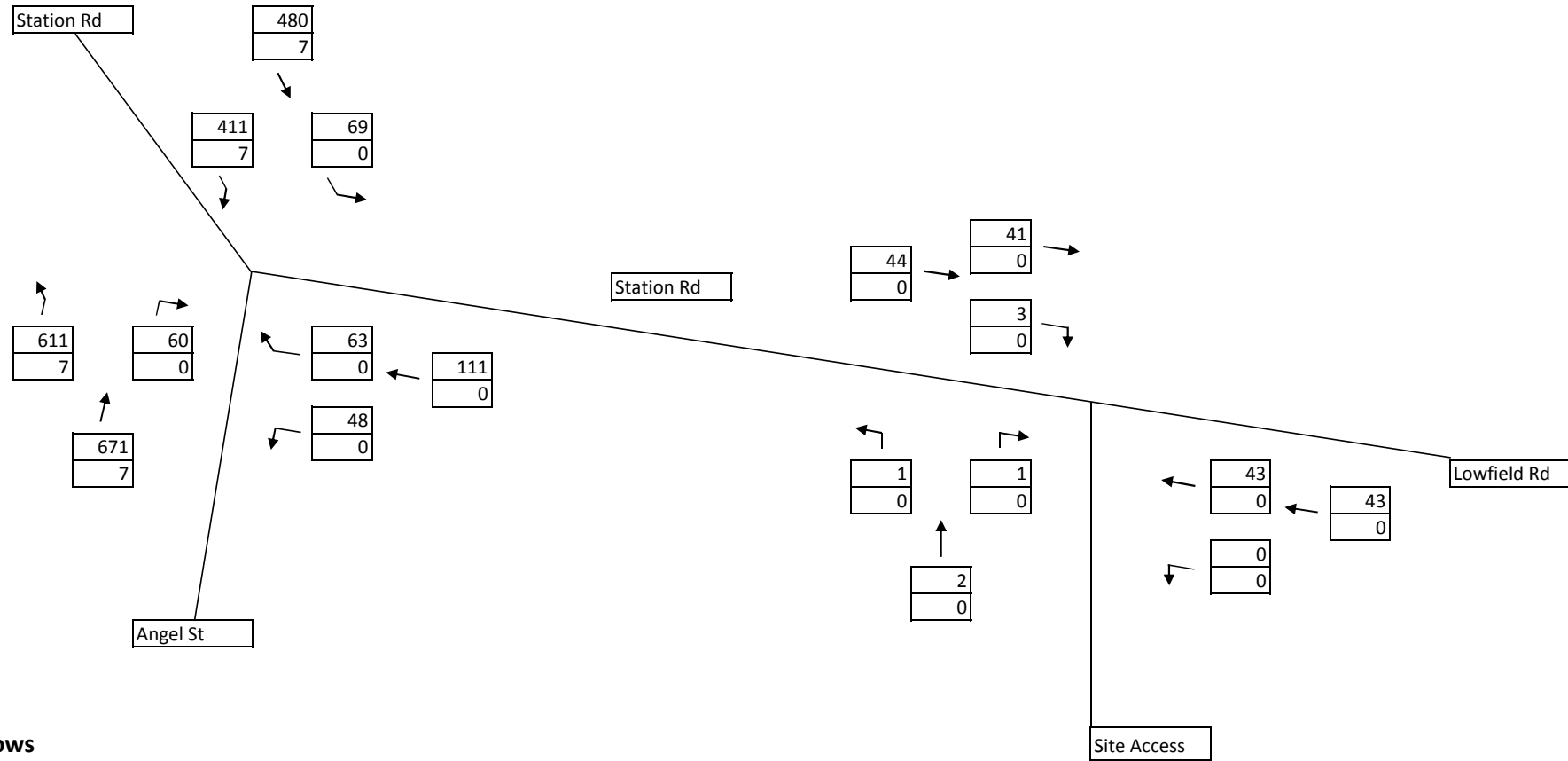
EXISTING 2013 FLOWS
BOLTON UPON DEARNE
THURSDAY 7TH MARCH 2013
3:30 pm - 4:30 pm



Traffic Flows

	Total Vehicles
	Total HGVs

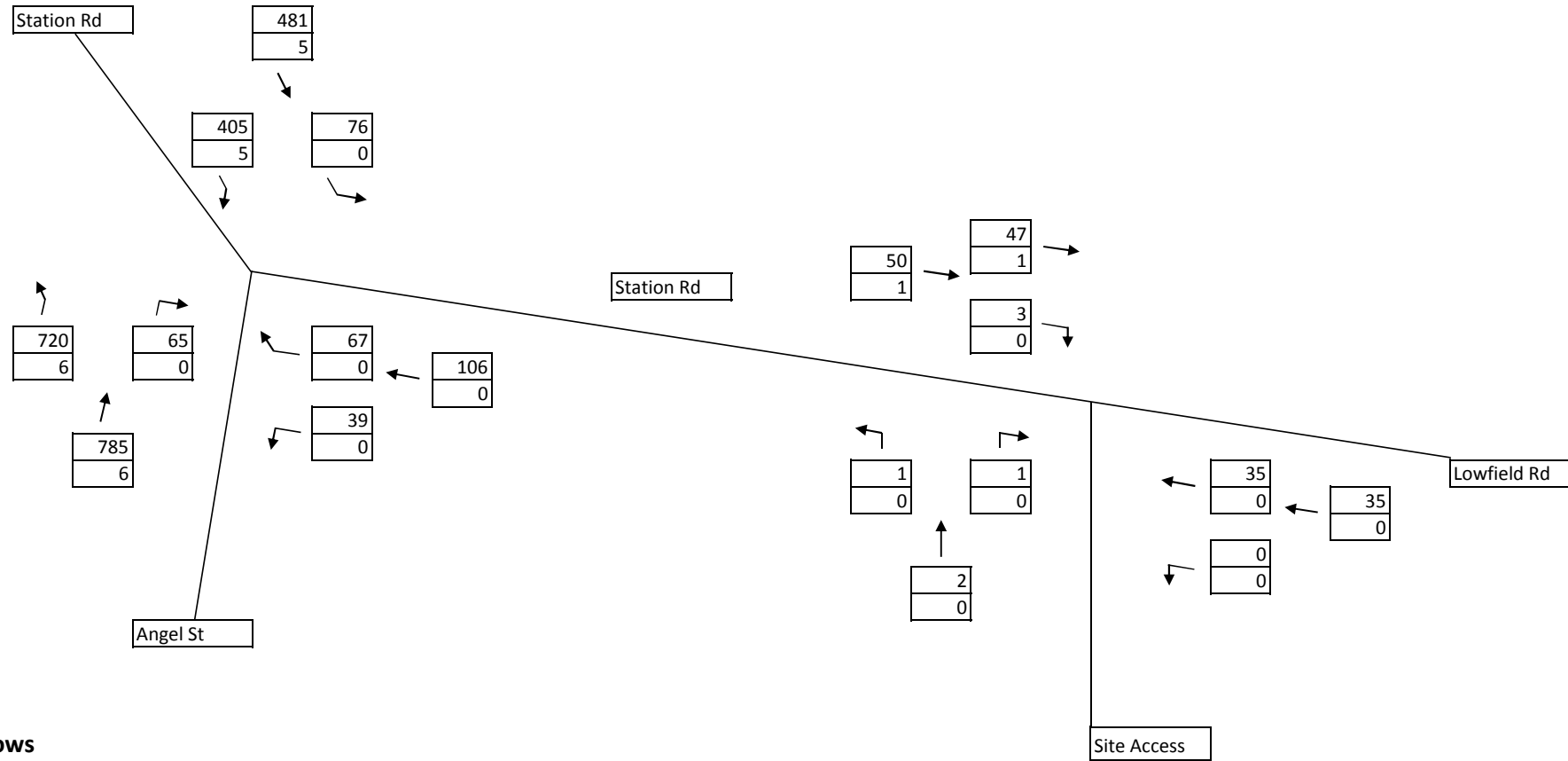
**EXISTING 2013 FLOWS
BOLTON UPON DEARNE
THURSDAY 7TH MARCH 2013
4:00 pm - 5:00 pm**



Traffic Flows

	Total Vehicles
	Total HGVs

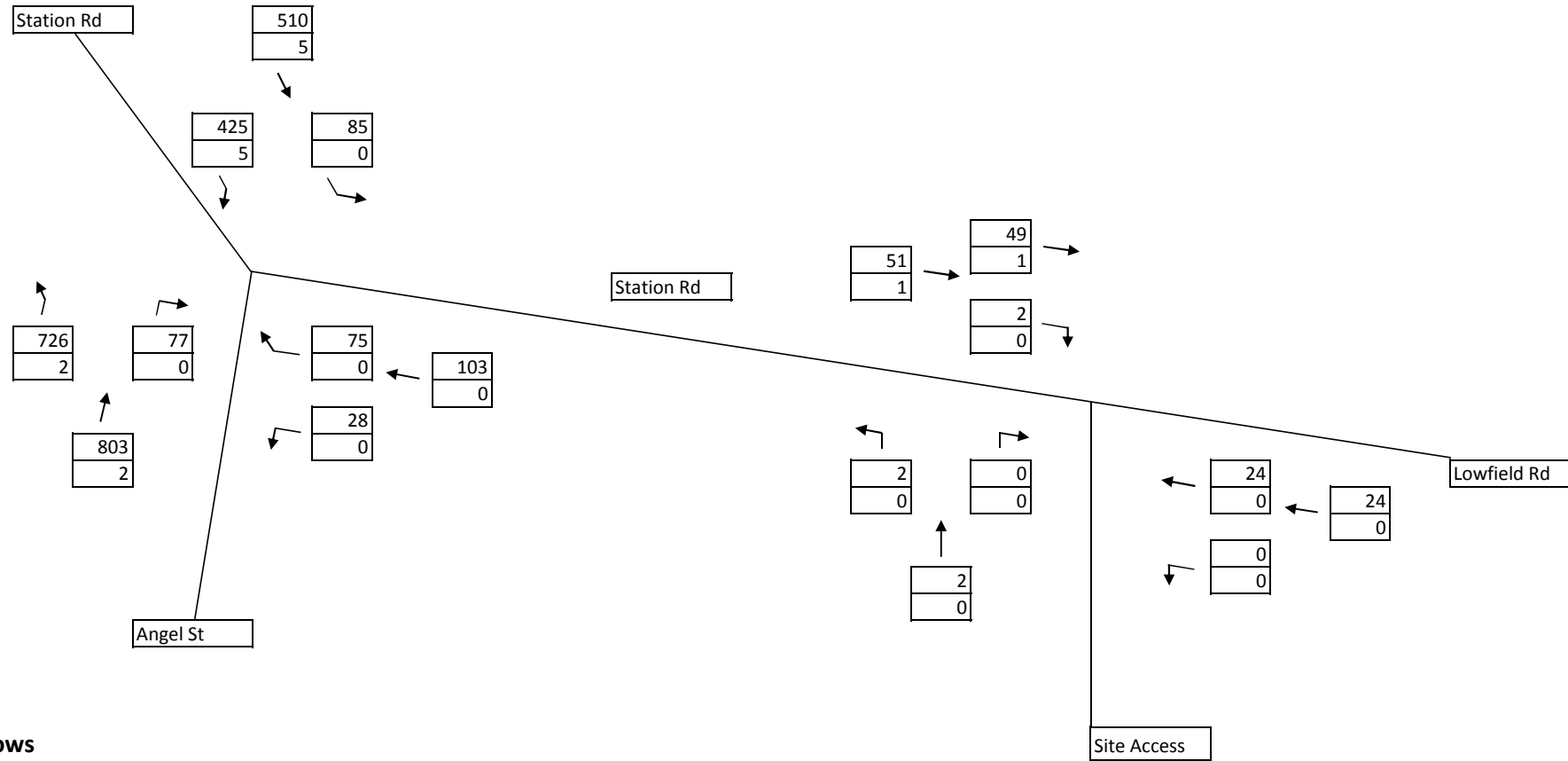
EXISTING 2013 FLOWS
BOLTON UPON DEARNE
THURSDAY 7TH MARCH 2013
4:30 pm - 5:30 pm



Traffic Flows

	Total Vehicles
	Total HGVs

**EXISTING 2013 FLOWS
BOLTON UPON DEARNE
THURSDAY 7TH MARCH 2013
5:00 pm - 6:00 pm**

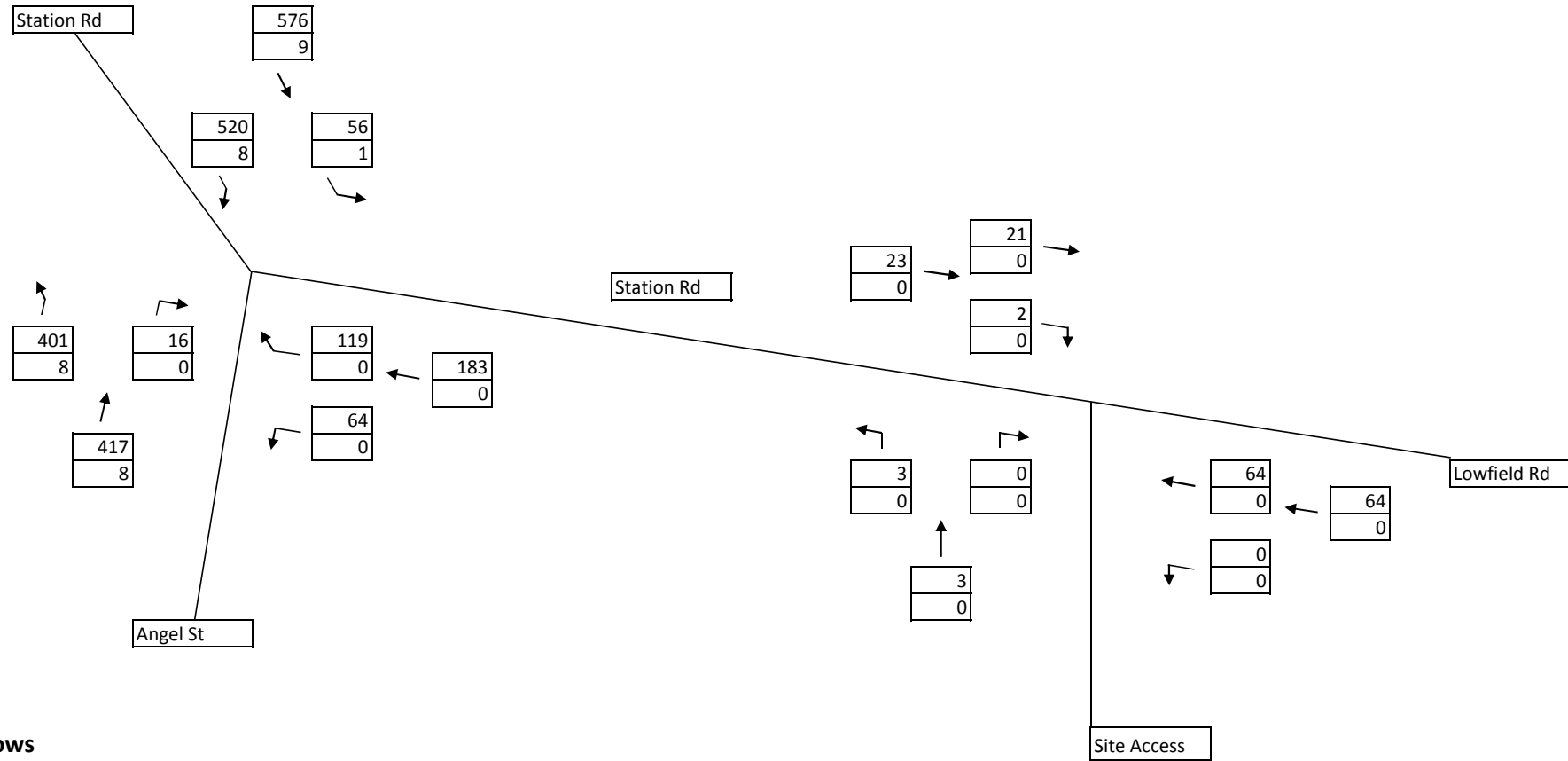


Traffic Flows

	Total Vehicles
	Total HGVs

Appendix 6

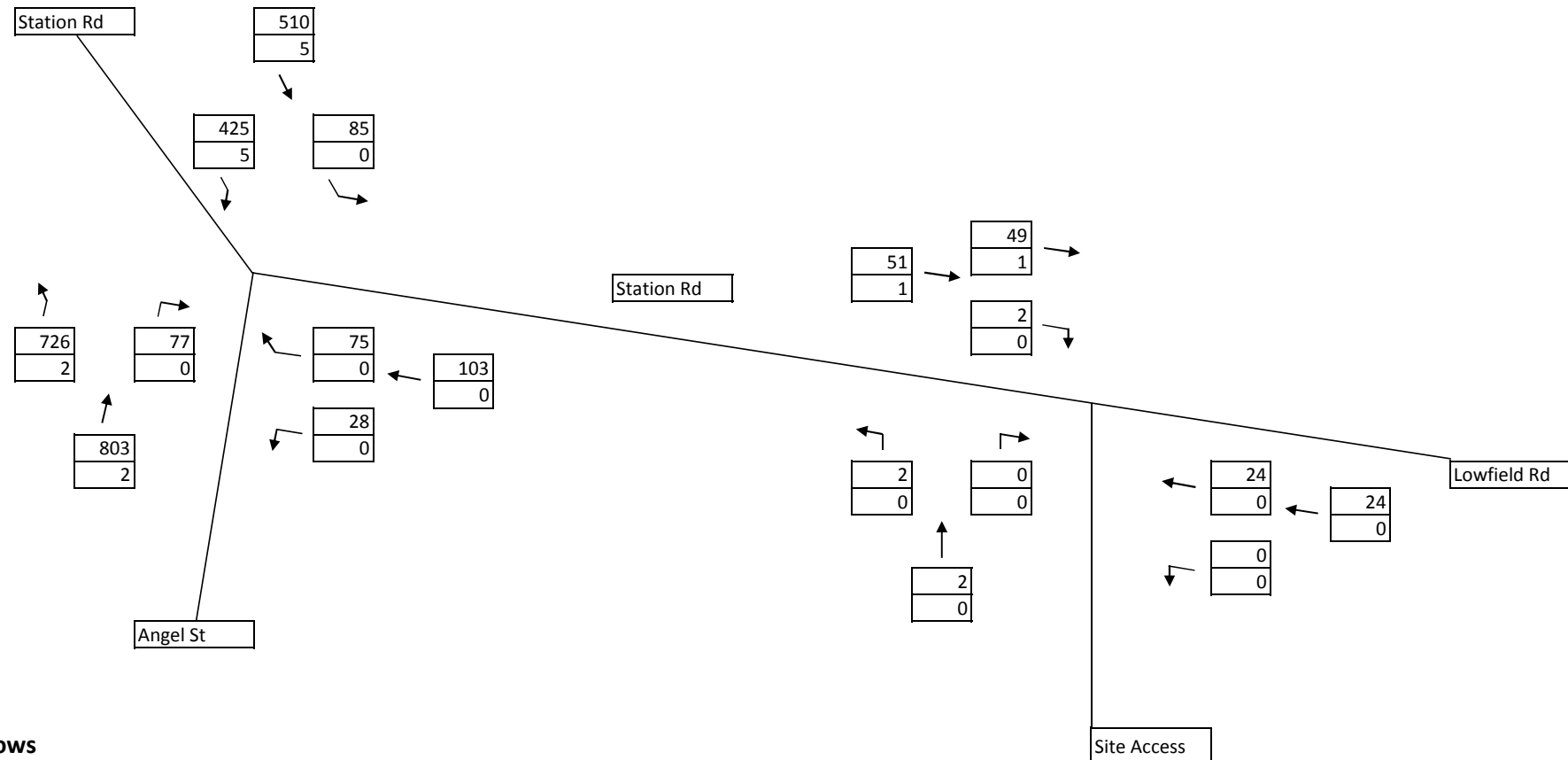
**EXISTING 2013 FLOWS
BOLTON UPON DEARNE
THURSDAY 7TH MARCH 2013
8:00 am - 9:00 am**



Traffic Flows

	Total Vehicles
	Total HGVs

**EXISTING 2013 FLOWS
BOLTON UPON DEARNE
THURSDAY 7TH MARCH 2013
5:00 pm - 6:00 pm**



Traffic Flows

Total Vehicles
 Total HGVs

Appendix 7

Junctions 8	
PICADY 8 - Priority Intersection Module	
Version: 8.0.2.316 [14 Feb 2013] © Copyright TRL Limited, 2013	
For sales and distribution information, program advice and maintenance, contact TRL: Tel: +44 (0)1344 770758 E-mail: software@trl.co.uk Web: http://www.trlsoftware.co.uk	
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: B6098 Station Road Angel Street Model.arc8
Path: Y:\2013\13-126 to 13-150\13-141 Bolton Upon Dearne\Technical\PICADY
Report generation date: 15/03/2013 09:57:15

Summary of junction performance

	AM Peak			
	Queue (PCU)	Delay (s)	RFC	LOS
Existing Layout - Existing 2013				
Stream B-AC	0.90	16.34	0.48	C
Stream C-AB	0.03	5.79	0.03	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 2013, AM Peak" model duration: 07:45 - 09:15

"D2 - Existing 2013, PM Peak" model duration: 16:45 - 18:15

"D3 - Base 2017, AM Peak" model duration: 07:45 - 09:15

"D4 - Base 2017, PM Peak" model duration: 16:45 - 18:15

"D5 - Predicted 2017, AM Peak" model duration: 07:45 - 09:15

"D6 - Predicted 2017, PM Peak" model duration: 16:45 - 18:15

Run using Junctions 8.0.2.316 at 15/03/2013 09:57:15

File summary

File Description

Title	B6098 Station Road/Angel Street Priority Junction
Location	Bolton Upon Dearne
Site Number	
Date	13/03/2013
Version	
Status	Preliminary
Identifier	
Client	Gleeson Regeneration and Homes
Jobnumber	13-141
Enumerator	R Donaldson
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

Existing Layout - Existing 2013, AM Peak

Data Errors and Warnings

No errors or warnings

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
Existing Layout			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
Existing 2013, AM Peak	Existing 2013	AM Peak		ONE HOUR	07:45	09:15	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
(untitled)	T-Junction	Two-way	A,B,C	15.49	C

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm Type
A	B6098 Station Road		Major
B	Station Road		Minor
C	B6098 Angel Street		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
C	9.15		0.00	✓	5.00	83.00	✓	2.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)

B	One lane	3.45										79	94
----------	----------	------	--	--	--	--	--	--	--	--	--	----	----

Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	575.222	0.090	0.229	0.144	0.326
1	B-C	713.889	0.094	0.239	-	-
1	C-B	811.584	0.271	0.271	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	576.00	100.000
B	ONE HOUR	✓	183.00	100.000
C	ONE HOUR	✓	417.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To			
		A	B	C
From	A	0.000	56.000	520.000
	B	119.000	0.000	64.000
	C	401.000	16.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

		To		
From		A	B	C
	A	0.00	0.10	0.90
	B	0.65	0.00	0.35
	C	0.96	0.04	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To			
From		A	B	C
	A	1.000	1.000	1.000
	B	1.000	1.000	1.000
	C	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To			
From		A	B	C
	A	0.000	0.000	0.000
	B	0.000	0.000	0.000
	C	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.48	16.34	0.90	C
C-AB	0.03	5.79	0.03	A
C-A	-	-	-	-
A-B	-	-	-	-
A-C	-	-	-	-

Main Results for each time segment

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	137.77	136.21	0.00	484.61	0.284	0.39	10.287	B
C-AB	12.05	11.98	0.00	693.97	0.017	0.02	5.278	A
C-A	301.89	301.89	0.00	-	-	-	-	-
A-B	42.16	42.16	0.00	-	-	-	-	-
A-C	391.48	391.48	0.00	-	-	-	-	-

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	164.51	163.88	0.00	458.33	0.359	0.55	12.199	B
C-AB	14.39	14.37	0.00	671.18	0.021	0.02	5.480	A
C-A	360.49	360.49	0.00	-	-	-	-	-
A-B	50.34	50.34	0.00	-	-	-	-	-

A-C	467.47	467.47	0.00	-	-	-	-	-
-----	--------	--------	------	---	---	---	---	---

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	201.49	200.14	0.00	421.65	0.478	0.89	16.152	C
C-AB	17.63	17.60	0.00	639.71	0.028	0.03	5.786	A
C-A	441.50	441.50	0.00	-	-	-	-	-
A-B	61.66	61.66	0.00	-	-	-	-	-
A-C	572.53	572.53	0.00	-	-	-	-	-

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	201.49	201.43	0.00	421.64	0.478	0.90	16.335	C
C-AB	17.63	17.63	0.00	639.71	0.028	0.03	5.786	A
C-A	441.50	441.50	0.00	-	-	-	-	-
A-B	61.66	61.66	0.00	-	-	-	-	-
A-C	572.53	572.53	0.00	-	-	-	-	-

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	164.51	165.83	0.00	458.32	0.359	0.57	12.364	B
C-AB	14.39	14.41	0.00	671.18	0.021	0.02	5.481	A
C-A	360.49	360.49	0.00	-	-	-	-	-
A-B	50.34	50.34	0.00	-	-	-	-	-
A-C	467.47	467.47	0.00	-	-	-	-	-

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	137.77	138.44	0.00	484.58	0.284	0.40	10.420	B
C-AB	12.05	12.06	0.00	693.97	0.017	0.02	5.281	A
C-A	301.89	301.89	0.00	-	-	-	-	-
A-B	42.16	42.16	0.00	-	-	-	-	-
A-C	391.48	391.48	0.00	-	-	-	-	-

Junctions 8	
PICADY 8 - Priority Intersection Module	
Version: 8.0.2.316 [14 Feb 2013] © Copyright TRL Limited, 2013	
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Filename: B6098 Station Road Angel Street Model.arc8
Path: Y:\2013\13-126 to 13-150\13-141 Bolton Upon Dearne\Technical\PICADY
Report generation date: 15/03/2013 09:58:16

Summary of junction performance

	PM Peak			
	Queue (PCU)	Delay (s)	RFC	LOS
Existing Layout - Existing 2013				
Stream B-AC	0.45	14.42	0.31	B
Stream C-AB	0.15	6.20	0.13	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 2013, AM Peak" model duration: 07:45 - 09:15
"D2 - Existing 2013, PM Peak" model duration: 16:45 - 18:15
"D3 - Base 2017, AM Peak" model duration: 07:45 - 09:15
"D4 - Base 2017, PM Peak" model duration: 16:45 - 18:15
"D5 - Predicted 2017, AM Peak" model duration: 07:45 - 09:15
"D6 - Predicted 2017, PM Peak" model duration: 16:45 - 18:15

Run using Junctions 8.0.2.316 at 15/03/2013 09:58:16

File summary

File Description

Title	B6098 Station Road/Angel Street Priority Junction
Location	Bolton Upon Dearne
Site Number	
Date	13/03/2013
Version	
Status	Preliminary
Identifier	
Client	Gleeson Regeneration and Homes
Jobnumber	13-141
Enumerator	R Donaldson
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

Existing Layout - Existing 2013, PM Peak

Data Errors and Warnings

No errors or warnings

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
Existing Layout			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
Existing 2013, PM Peak	Existing 2013	PM Peak		ONE HOUR	16:45	18:15	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
(untitled)	T-Junction	Two-way	A,B,C	10.88	B

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm Type
A	B6098 Station Road		Major
B	Station Road		Minor
C	B6098 Angel Street		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
C	9.15		0.00	✓	5.00	83.00	✓	2.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)

B	One lane	3.45										79	94
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Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	575.222	0.090	0.229	0.144	0.326
1	B-C	713.889	0.094	0.239	-	-
1	C-B	811.584	0.271	0.271	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	510.00	100.000
B	ONE HOUR	✓	103.00	100.000
C	ONE HOUR	✓	803.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To			
From		A	B	C
	A	0.000	85.000	425.000
	B	75.000	0.000	28.000
	C	726.000	77.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

		To		
From		A	B	C
	A	0.00	0.17	0.83
	B	0.73	0.00	0.27
	C	0.90	0.10	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To			
From		A	B	C
	A	1.000	1.000	1.000
	B	1.000	1.000	1.000
	C	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To			
From		A	B	C
	A	0.000	0.000	0.000
	B	0.000	0.000	0.000
	C	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.31	14.42	0.45	B
C-AB	0.13	6.20	0.15	A
C-A	-	-	-	-
A-B	-	-	-	-
A-C	-	-	-	-

Main Results for each time segment

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	77.54	76.71	0.00	443.20	0.175	0.21	9.800	A
C-AB	58.27	57.91	0.00	709.62	0.082	0.09	5.522	A
C-A	546.27	546.27	0.00	-	-	-	-	-
A-B	63.99	63.99	0.00	-	-	-	-	-
A-C	319.96	319.96	0.00	-	-	-	-	-

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	92.59	92.28	0.00	409.90	0.226	0.29	11.322	B
C-AB	69.89	69.80	0.00	691.25	0.101	0.11	5.793	A
C-A	651.99	651.99	0.00	-	-	-	-	-
A-B	76.41	76.41	0.00	-	-	-	-	-

A-C	382.07	382.07	0.00	-	-	-	-	-
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Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	113.41	112.78	0.00	363.03	0.312	0.44	14.345	B
C-AB	86.48	86.33	0.00	667.53	0.130	0.15	6.192	A
C-A	797.64	797.64	0.00	-	-	-	-	-
A-B	93.59	93.59	0.00	-	-	-	-	-
A-C	467.93	467.93	0.00	-	-	-	-	-

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	113.41	113.39	0.00	362.99	0.312	0.45	14.420	B
C-AB	86.48	86.48	0.00	667.53	0.130	0.15	6.197	A
C-A	797.64	797.64	0.00	-	-	-	-	-
A-B	93.59	93.59	0.00	-	-	-	-	-
A-C	467.93	467.93	0.00	-	-	-	-	-

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	92.59	93.21	0.00	409.83	0.226	0.30	11.393	B
C-AB	69.89	70.03	0.00	691.25	0.101	0.11	5.795	A
C-A	651.99	651.99	0.00	-	-	-	-	-
A-B	76.41	76.41	0.00	-	-	-	-	-
A-C	382.07	382.07	0.00	-	-	-	-	-

Main results: (18:00-18:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	77.54	77.87	0.00	443.07	0.175	0.21	9.866	A
C-AB	58.27	58.36	0.00	709.62	0.082	0.09	5.528	A
C-A	546.27	546.27	0.00	-	-	-	-	-
A-B	63.99	63.99	0.00	-	-	-	-	-
A-C	319.96	319.96	0.00	-	-	-	-	-

Junctions 8	
PICADY 8 - Priority Intersection Module	
Version: 8.0.2.316 [14 Feb 2013] © Copyright TRL Limited, 2013	
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Filename: B6098 Station Road Angel Street Model.arc8
 Path: Y:\2013\13-126 to 13-150\13-141 Bolton Upon Dearne\Technical\PICADY
 Report generation date: 15/03/2013 09:49:45

Summary of junction performance

AM Peak				
	Queue (PCU)	Delay (s)	RFC	LOS
Existing Layout - Base 2017				
Stream B-AC	1.38	21.17	0.59	C
Stream C-AB	0.04	5.98	0.04	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 2013, AM Peak" model duration: 07:45 - 09:15
 "D2 - Existing 2013, PM Peak" model duration: 16:45 - 18:15
 "D3 - Base 2017, AM Peak" model duration: 07:45 - 09:15
 "D4 - Base 2017, PM Peak" model duration: 16:45 - 18:15
 "D5 - Predicted 2017, AM Peak" model duration: 07:45 - 09:15
 "D6 - Predicted 2017, PM Peak" model duration: 16:45 - 18:15

Run using Junctions 8.0.2.316 at 15/03/2013 09:49:45

File summary

File Description

Title	B6098 Station Road/Angel Street Priority Junction
Location	Bolton Upon Dearne
Site Number	
Date	13/03/2013
Version	
Status	Preliminary
Identifier	
Client	Gleeson Regeneration and Homes
Jobnumber	13-141
Enumerator	R Donaldson
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

Existing Layout - Base 2017, AM Peak

Data Errors and Warnings

No errors or warnings

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
Existing Layout			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
Base 2017, AM Peak	Base 2017	AM Peak		ONE HOUR	07:45	09:15	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
(untitled)	T-Junction	Two-way	A,B,C	19.67	C

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm Type
A	B6098 Station Road		Major
B	Station Road		Minor
C	B6098 Angel Street		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
C	9.15		0.00	✓	5.00	83.00	✓	2.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)

B	One lane	3.45										79	94
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Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	575.222	0.090	0.229	0.144	0.326
1	B-C	713.889	0.094	0.239	-	-
1	C-B	811.584	0.271	0.271	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	614.00	100.000
B	ONE HOUR	✓	219.00	100.000
C	ONE HOUR	✓	446.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To		
From	A	B	C
	0.000	66.000	548.000
	139.000	0.000	80.000
	422.000	24.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

		To		
From		A	B	C
	A	0.00	0.11	0.89
	B	0.63	0.00	0.37
	C	0.95	0.05	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To			
From		A	B	C
	A	1.000	1.000	1.000
	B	1.000	1.000	1.000
	C	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To			
From		A	B	C
	A	0.000	0.000	0.000
	B	0.000	0.000	0.000
	C	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.59	21.17	1.38	C
C-AB	0.04	5.98	0.04	A
C-A	-	-	-	-
A-B	-	-	-	-
A-C	-	-	-	-

Main Results for each time segment

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	164.87	162.81	0.00	478.01	0.345	0.52	11.350	B
C-AB	18.07	17.97	0.00	686.29	0.026	0.03	5.386	A
C-A	317.70	317.70	0.00	-	-	-	-	-
A-B	49.69	49.69	0.00	-	-	-	-	-
A-C	412.56	412.56	0.00	-	-	-	-	-

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	196.88	195.91	0.00	449.93	0.438	0.76	14.117	B
C-AB	21.59	21.56	0.00	662.06	0.033	0.03	5.620	A
C-A	379.36	379.36	0.00	-	-	-	-	-
A-B	59.33	59.33	0.00	-	-	-	-	-

A-C	492.64	492.64	0.00	-	-	-	-	-
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Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	241.12	238.75	0.00	410.64	0.587	1.35	20.653	C
C-AB	26.46	26.42	0.00	628.67	0.042	0.04	5.977	A
C-A	464.60	464.60	0.00	-	-	-	-	-
A-B	72.67	72.67	0.00	-	-	-	-	-
A-C	603.36	603.36	0.00	-	-	-	-	-

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	241.12	240.99	0.00	410.63	0.587	1.38	21.175	C
C-AB	26.46	26.46	0.00	628.67	0.042	0.04	5.977	A
C-A	464.60	464.60	0.00	-	-	-	-	-
A-B	72.67	72.67	0.00	-	-	-	-	-
A-C	603.36	603.36	0.00	-	-	-	-	-

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	196.88	199.22	0.00	449.91	0.438	0.80	14.492	B
C-AB	21.59	21.63	0.00	662.06	0.033	0.03	5.623	A
C-A	379.36	379.36	0.00	-	-	-	-	-
A-B	59.33	59.33	0.00	-	-	-	-	-
A-C	492.64	492.64	0.00	-	-	-	-	-

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	164.87	165.92	0.00	477.98	0.345	0.54	11.574	B
C-AB	18.07	18.10	0.00	686.29	0.026	0.03	5.389	A
C-A	317.70	317.70	0.00	-	-	-	-	-
A-B	49.69	49.69	0.00	-	-	-	-	-
A-C	412.56	412.56	0.00	-	-	-	-	-

Junctions 8	
PICADY 8 - Priority Intersection Module	
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Filename: B6098 Station Road Angel Street Model.arc8
 Path: Y:\2013\13-126 to 13-150\13-141 Bolton Upon Dearne\Technical\PICADY
 Report generation date: 15/03/2013 09:53:03

Summary of junction performance

	PM Peak			
	Queue (PCU)	Delay (s)	RFC	LOS
Existing Layout - Base 2017				
Stream B-AC	0.68	17.47	0.41	C
Stream C-AB	0.20	6.52	0.16	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 2013, AM Peak" model duration: 07:45 - 09:15
 "D2 - Existing 2013, PM Peak" model duration: 16:45 - 18:15
 "D3 - Base 2017, AM Peak" model duration: 07:45 - 09:15
 "D4 - Base 2017, PM Peak" model duration: 16:45 - 18:15
 "D5 - Predicted 2017, AM Peak" model duration: 07:45 - 09:15
 "D6 - Predicted 2017, PM Peak" model duration: 16:45 - 18:15

Run using Junctions 8.0.2.316 at 15/03/2013 09:53:03

File summary

File Description

Title	B6098 Station Road/Angel Street Priority Junction
Location	Bolton Upon Dearne
Site Number	
Date	13/03/2013
Version	
Status	Preliminary
Identifier	
Client	Gleeson Regeneration and Homes
Jobnumber	13-141
Enumerator	R Donaldson
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

Existing Layout - Base 2017, PM Peak

Data Errors and Warnings

No errors or warnings

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
Existing Layout			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
Base 2017, PM Peak	Base 2017	PM Peak		ONE HOUR	16:45	18:15	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
(untitled)	T-Junction	Two-way	A,B,C	12.77	B

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm Type
A	B6098 Station Road		Major
B	Station Road		Minor
C	B6098 Angel Street		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
C	9.15		0.00	✓	5.00	83.00	✓	2.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)

B	One lane	3.45										79	94
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Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	575.222	0.090	0.229	0.144	0.326
1	B-C	713.889	0.094	0.239	-	-
1	C-B	811.584	0.271	0.271	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	554.00	100.000
B	ONE HOUR	✓	129.00	100.000
C	ONE HOUR	✓	862.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To			
From		A	B	C
	A	0.000	105.000	449.000
	B	90.000	0.000	39.000
	C	767.000	95.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

		To		
From		A	B	C
	A	0.00	0.19	0.81
	B	0.70	0.00	0.30
	C	0.89	0.11	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To			
From		A	B	C
	A	1.000	1.000	1.000
	B	1.000	1.000	1.000
	C	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To			
From		A	B	C
	A	0.000	0.000	0.000
	B	0.000	0.000	0.000
	C	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.41	17.47	0.68	C
C-AB	0.16	6.52	0.20	A
C-A	-	-	-	-
A-B	-	-	-	-
A-C	-	-	-	-

Main Results for each time segment

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	97.12	95.99	0.00	435.19	0.223	0.28	10.579	B
C-AB	72.14	71.68	0.00	702.10	0.103	0.11	5.707	A
C-A	576.82	576.82	0.00	-	-	-	-	-
A-B	79.05	79.05	0.00	-	-	-	-	-
A-C	338.03	338.03	0.00	-	-	-	-	-

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	115.97	115.49	0.00	399.10	0.291	0.40	12.672	B
C-AB	86.79	86.66	0.00	683.26	0.127	0.15	6.032	A
C-A	688.13	688.13	0.00	-	-	-	-	-
A-B	94.39	94.39	0.00	-	-	-	-	-

A-C	403.64	403.64	0.00	-	-	-	-	-
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Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	142.03	140.96	0.00	348.02	0.408	0.67	17.295	C
C-AB	108.18	107.97	0.00	660.08	0.164	0.20	6.519	A
C-A	840.90	840.90	0.00	-	-	-	-	-
A-B	115.61	115.61	0.00	-	-	-	-	-
A-C	494.36	494.36	0.00	-	-	-	-	-

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	142.03	141.99	0.00	347.95	0.408	0.68	17.469	C
C-AB	108.18	108.18	0.00	660.08	0.164	0.20	6.524	A
C-A	840.90	840.90	0.00	-	-	-	-	-
A-B	115.61	115.61	0.00	-	-	-	-	-
A-C	494.36	494.36	0.00	-	-	-	-	-

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	115.97	117.01	0.00	399.00	0.291	0.42	12.814	B
C-AB	86.79	86.99	0.00	683.26	0.127	0.15	6.041	A
C-A	688.13	688.13	0.00	-	-	-	-	-
A-B	94.39	94.39	0.00	-	-	-	-	-
A-C	403.64	403.64	0.00	-	-	-	-	-

Main results: (18:00-18:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	97.12	97.62	0.00	435.02	0.223	0.29	10.685	B
C-AB	72.14	72.27	0.00	702.10	0.103	0.12	5.718	A
C-A	576.82	576.82	0.00	-	-	-	-	-
A-B	79.05	79.05	0.00	-	-	-	-	-
A-C	338.03	338.03	0.00	-	-	-	-	-

Junctions 8	
PICADY 8 - Priority Intersection Module	
Version: 8.0.2.316 [14 Feb 2013] © Copyright TRL Limited, 2013	
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Filename: B6098 Station Road Angel Street Model.arc8
 Path: Y:\2013\13-126 to 13-150\13-141 Bolton Upon Dearne\Technical\PICADY
 Report generation date: 18/03/2013 13:48:40

Summary of junction performance

	AM Peak			
	Queue (PCU)	Delay (s)	RFC	LOS
Existing Layout - Predicted 2017				
Stream B-AC	2.03	27.09	0.68	D
Stream C-AB	0.05	6.05	0.05	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 2013, AM Peak" model duration: 07:45 - 09:15
 "D2 - Existing 2013, PM Peak" model duration: 16:45 - 18:15
 "D3 - Base 2017, AM Peak" model duration: 07:45 - 09:15
 "D4 - Base 2017, PM Peak" model duration: 16:45 - 18:15
 "D5 - Predicted 2017, AM Peak " model duration: 07:45 - 09:15
 "D6 - Predicted 2017, PM Peak" model duration: 16:45 - 18:15

Run using Junctions 8.0.2.316 at 18/03/2013 13:48:39

File summary

File Description

Title	B6098 Station Road/Angel Street Priority Junction
Location	Bolton Upon Dearne
Site Number	
Date	13/03/2013
Version	
Status	Preliminary
Identifier	
Client	Gleeson Regeneration and Homes
Jobnumber	13-141
Enumerator	R Donaldson
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

Existing Layout - Predicted 2017, AM Peak

Data Errors and Warnings

No errors or warnings

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
Existing Layout			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
Predicted 2017, AM Peak	Predicted 2017	AM Peak		ONE HOUR	07:45	09:15	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
(untitled)	T-Junction	Two-way	A,B,C	24.93	C

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm Type
A	B6098 Station Road		Major
B	Station Road		Minor
C	B6098 Angel Street		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
C	9.15		0.00	✓	5.00	83.00	✓	2.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)

B	One lane	3.45										79	94
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Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	575.222	0.090	0.229	0.144	0.326
1	B-C	713.889	0.094	0.239	-	-
1	C-B	811.584	0.271	0.271	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	620.00	100.000
B	ONE HOUR	✓	254.00	100.000
C	ONE HOUR	✓	451.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To		
	A	B	C
From	A	0.000	72.000
	B	157.000	0.000
	C	422.000	29.000

Turning Proportions (PCU) - Junction 1 (for whole period)

		To		
From		A	B	C
	A	0.00	0.12	0.88
	B	0.62	0.00	0.38
	C	0.94	0.06	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To			
From		A	B	C
	A	1.000	1.000	1.000
	B	1.000	1.000	1.000
	C	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To			
From		A	B	C
	A	0.000	0.000	0.000
	B	0.000	0.000	0.000
	C	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.68	27.09	2.03	D
C-AB	0.05	6.05	0.05	A
C-A	-	-	-	-
A-B	-	-	-	-
A-C	-	-	-	-

Main Results for each time segment

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	191.22	188.63	0.00	479.34	0.399	0.65	12.279	B
C-AB	21.84	21.71	0.00	685.12	0.032	0.03	5.424	A
C-A	317.69	317.69	0.00	-	-	-	-	-
A-B	54.21	54.21	0.00	-	-	-	-	-
A-C	412.56	412.56	0.00	-	-	-	-	-

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	228.34	226.97	0.00	451.04	0.506	0.99	15.964	C
C-AB	26.09	26.06	0.00	660.71	0.039	0.04	5.672	A
C-A	379.35	379.35	0.00	-	-	-	-	-
A-B	64.73	64.73	0.00	-	-	-	-	-

A-C	492.64	492.64	0.00	-	-	-	-	-
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Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	279.66	275.80	0.00	411.42	0.680	1.96	25.818	D
C-AB	31.99	31.94	0.00	627.13	0.051	0.05	6.048	A
C-A	464.57	464.57	0.00	-	-	-	-	-
A-B	79.27	79.27	0.00	-	-	-	-	-
A-C	603.36	603.36	0.00	-	-	-	-	-

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	279.66	279.36	0.00	411.41	0.680	2.03	27.094	D
C-AB	31.99	31.99	0.00	627.13	0.051	0.05	6.048	A
C-A	464.57	464.57	0.00	-	-	-	-	-
A-B	79.27	79.27	0.00	-	-	-	-	-
A-C	603.36	603.36	0.00	-	-	-	-	-

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	228.34	232.22	0.00	451.02	0.506	1.06	16.730	C
C-AB	26.09	26.14	0.00	660.71	0.039	0.04	5.675	A
C-A	379.35	379.35	0.00	-	-	-	-	-
A-B	64.73	64.73	0.00	-	-	-	-	-
A-C	492.64	492.64	0.00	-	-	-	-	-

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	191.22	192.75	0.00	479.30	0.399	0.68	12.631	B
C-AB	21.84	21.88	0.00	685.12	0.032	0.03	5.427	A
C-A	317.69	317.69	0.00	-	-	-	-	-
A-B	54.21	54.21	0.00	-	-	-	-	-
A-C	412.56	412.56	0.00	-	-	-	-	-

Junctions 8	
PICADY 8 - Priority Intersection Module	
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Filename: B6098 Station Road Angel Street Model.arc8
 Path: Y:\2013\13-126 to 13-150\13-141 Bolton Upon Dearne\Technical\PICADY
 Report generation date: 18/03/2013 13:50:46

Summary of junction performance

	PM Peak			
	Queue (PCU)	Delay (s)	RFC	LOS
Existing Layout - Predicted 2017				
Stream B-AC	0.80	18.92	0.45	C
Stream C-AB	0.24	6.72	0.19	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 2013, AM Peak" model duration: 07:45 - 09:15
 "D2 - Existing 2013, PM Peak" model duration: 16:45 - 18:15
 "D3 - Base 2017, AM Peak" model duration: 07:45 - 09:15
 "D4 - Base 2017, PM Peak" model duration: 16:45 - 18:15
 "D5 - Predicted 2017, AM Peak" model duration: 07:45 - 09:15
 "D6 - Predicted 2017, PM Peak " model duration: 16:45 - 18:15

Run using Junctions 8.0.2.316 at 18/03/2013 13:50:46

File summary

File Description

Title	B6098 Station Road/Angel Street Priority Junction
Location	Bolton Upon Dearne
Site Number	
Date	13/03/2013
Version	
Status	Preliminary
Identifier	
Client	Gleeson Regeneration and Homes
Jobnumber	13-141
Enumerator	R Donaldson
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

Existing Layout - Predicted 2017, PM Peak

Data Errors and Warnings

No errors or warnings

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
Existing Layout			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
Predicted 2017, PM Peak	Predicted 2017	PM Peak		ONE HOUR	16:45	18:15	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
(untitled)	T-Junction	Two-way	A,B,C	13.54	B

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm Type
A	B6098 Station Road		Major
B	Station Road		Minor
C	B6098 Angel Street		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
C	9.15		0.00	✓	5.00	83.00	✓	2.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)

B	One lane	3.45										79	94
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Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	575.222	0.090	0.229	0.144	0.326
1	B-C	713.889	0.094	0.239	-	-
1	C-B	811.584	0.271	0.271	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	568.00	100.000
B	ONE HOUR	✓	141.00	100.000
C	ONE HOUR	✓	875.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To			
From		A	B	C
	A	0.000	119.000	449.000
	B	96.000	0.000	45.000
	C	767.000	108.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

		To		
From		A	B	C
	A	0.00	0.21	0.79
	B	0.68	0.00	0.32
	C	0.88	0.12	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To			
From		A	B	C
	A	1.000	1.000	1.000
	B	1.000	1.000	1.000
	C	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To			
From		A	B	C
	A	0.000	0.000	0.000
	B	0.000	0.000	0.000
	C	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.45	18.92	0.80	C
C-AB	0.19	6.72	0.24	A
C-A	-	-	-	-
A-B	-	-	-	-
A-C	-	-	-	-

Main Results for each time segment

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	106.15	104.88	0.00	434.58	0.244	0.32	10.879	B
C-AB	82.23	81.70	0.00	700.37	0.117	0.13	5.814	A
C-A	576.52	576.52	0.00	-	-	-	-	-
A-B	89.59	89.59	0.00	-	-	-	-	-
A-C	338.03	338.03	0.00	-	-	-	-	-

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	126.76	126.20	0.00	397.71	0.319	0.46	13.231	B
C-AB	99.16	99.01	0.00	681.94	0.145	0.17	6.174	A
C-A	687.45	687.45	0.00	-	-	-	-	-
A-B	106.98	106.98	0.00	-	-	-	-	-

A-C	403.64	403.64	0.00	-	-	-	-	-
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Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	155.24	153.93	0.00	345.41	0.449	0.79	18.669	C
C-AB	124.28	124.02	0.00	660.23	0.188	0.24	6.710	A
C-A	839.11	839.11	0.00	-	-	-	-	-
A-B	131.02	131.02	0.00	-	-	-	-	-
A-C	494.36	494.36	0.00	-	-	-	-	-

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	155.24	155.19	0.00	345.34	0.450	0.80	18.917	C
C-AB	124.28	124.27	0.00	660.23	0.188	0.24	6.719	A
C-A	839.11	839.11	0.00	-	-	-	-	-
A-B	131.02	131.02	0.00	-	-	-	-	-
A-C	494.36	494.36	0.00	-	-	-	-	-

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	126.76	128.05	0.00	397.59	0.319	0.48	13.418	B
C-AB	99.16	99.41	0.00	681.94	0.145	0.17	6.184	A
C-A	687.45	687.45	0.00	-	-	-	-	-
A-B	106.98	106.98	0.00	-	-	-	-	-
A-C	403.64	403.64	0.00	-	-	-	-	-

Main results: (18:00-18:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-AC	106.15	106.75	0.00	434.38	0.244	0.33	11.007	B
C-AB	82.23	82.39	0.00	700.37	0.117	0.13	5.828	A
C-A	576.52	576.52	0.00	-	-	-	-	-
A-B	89.59	89.59	0.00	-	-	-	-	-
A-C	338.03	338.03	0.00	-	-	-	-	-

Appendix 8



224

Full Timetable

Doncaster
Sprotbrough
High Melton
Barnburgh
Goldthorpe
Bolton on Dearne
Mexborough

From 26/01/2013



Also available online at
travelsouthyorkshire.com

Operated by:



What's changed

From Saturday 26 January 2013, changes will be made to the times of service 224.

Journeys from both Doncaster Interchange and Mexborough will depart 5 minutes later Monday to Saturday evenings and all day Sunday.



We aim to provide information which is as accurate as possible. We cannot accept responsibility for errors, or for any service that does not operate to the times shown.

24 hour clock

Throughout South Yorkshire our timetables use the 24 hour clock to avoid confusion between am and pm times.

For example:

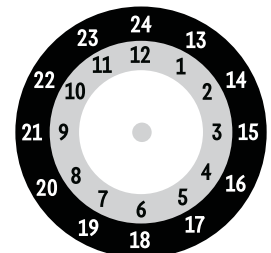
9.00am is shown as 0900

2.15pm is shown as 1415

10.25pm is shown as 2225

24 hour times

12 hour times

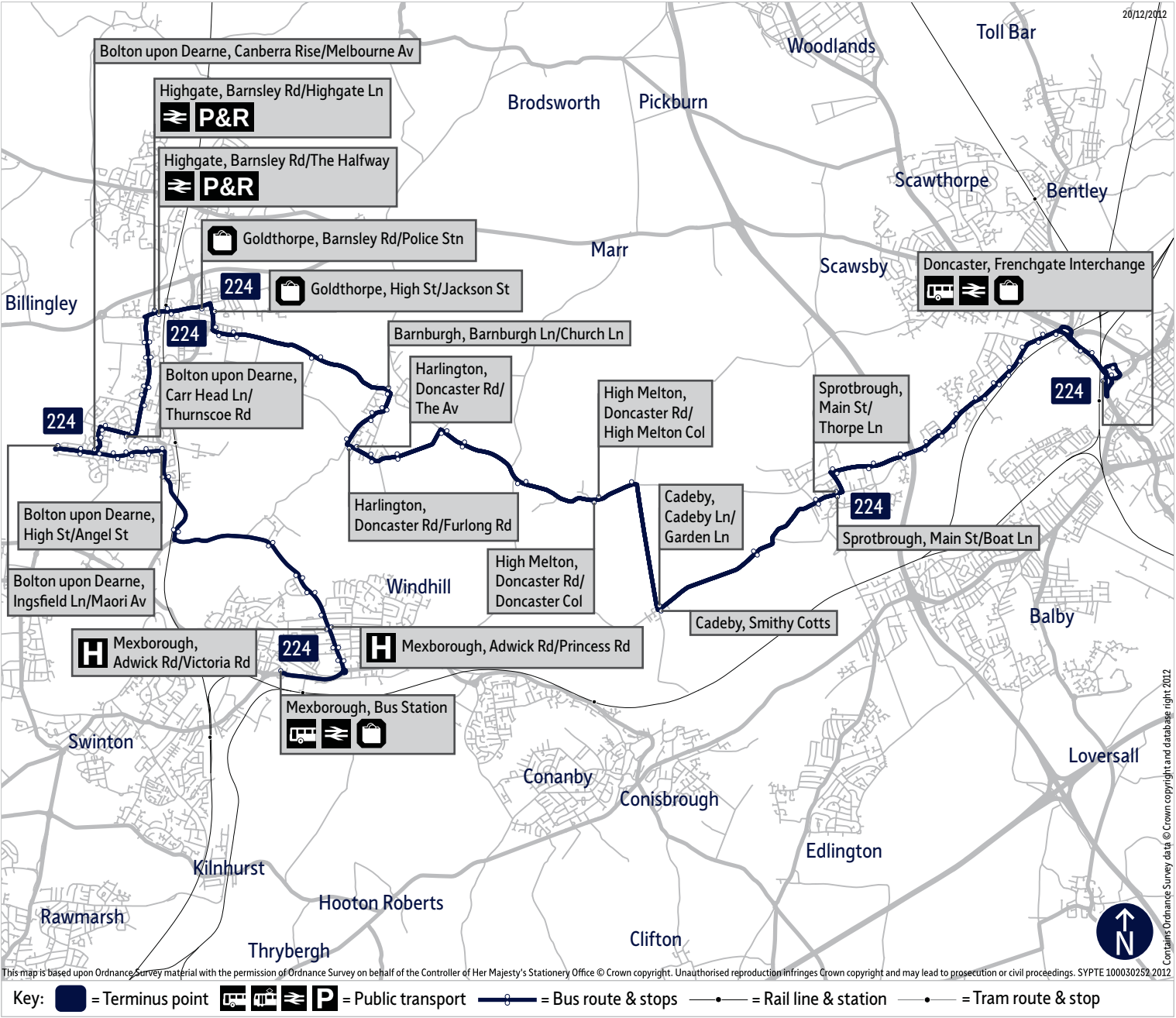


Stopping points for service 224

Doncaster Frenchgate Interchange ▶ Trafford Way ▶ North Bridge Road ▶ **Sprotbrough** ▶ Sprotbrough Road ▶ Melton Road ▶ Main Street ▶ Doncaster Road ▶ **Cadeby** ▶ **High Melton** ▶ Doncaster Road ▶ Ludwell Hill ▶ **Barnburgh** ▶ **Harlington** ▶ Doncaster Road ▶ Furlong Road ▶ **Barnburgh** ▶ Hollowgate ▶ Barnburgh Lane ▶ **Goldthorpe** ▶ Barnsley Road ▶ **Highgate** ▶ Highgate Lane ▶ **Bolton Upon Dearne** ▶ Carr Head Lane ▶ Canberra Rise ▶ Ingsfield Lane ▶ Wath Road ▶ High Street ▶ Mexborough Road ▶ **Adwick Upon Dearne** ▶ Hound Hill Lane ▶ Adwick Road ▶ **Mexborough, Mexborough Bus Station**

Mexborough, Mexborough Bus Station ▶ Adwick Road ▶ **Adwick Upon Dearne** ▶ Hound Hill Lane ▶ **Bolton Upon Dearne** ▶ Mexborough Road ▶ High Street ▶ Wath Road ▶ Ingsfield Lane ▶ Canberra Rise ▶ Carr Head Lane ▶ Highgate Lane ▶ **Highgate** ▶ Barnsley Road ▶ **Goldthorpe** ▶ High Street ▶ Barnburgh Lane ▶ **Barnburgh** ▶ Hollowgate ▶ **Harlington** ▶ Doncaster Road ▶ **Barnburgh** ▶ Ludwell Hill ▶ **High Melton** ▶ Doncaster Road ▶ **Cadeby** ▶ Cadeby Lane ▶ **Sprotbrough** ▶ Main Street ▶ Melton Road ▶ Sprotbrough Road ▶ North Bridge Road ▶ Church View ▶ Trafford Way ▶ **Doncaster Frenchgate Interchange**

Bus route map for service 224



224 ▶ Monday to Friday

	Doncaster Centre ▶ Mexborough																
Doncaster, Frenchgate Interchange	0635	0740	0810	0845	0915	0945	1015	1045	1115	1145	1215	1245	1315	1345	1415	1445	1515
Sprotbrough, Main St/Boat Ln	0648	0753	0823	0858	0928	0958	1028	1058	1128	1158	1228	1258	1328	1358	1428	1458	1528
Cadeby, Smithy Cotts	0653	0758	0828	0903	0933	1003	1033	1103	1133	1203	1233	1303	1333	1403	1433	1503	1533
High Melton, Doncaster Rd/Doncaster Col	0656	0801	0831	0906	0936	1006	1036	1106	1136	1206	1236	1306	1336	1406	1436	1506	1536
Harlington, Doncaster Rd/Furlong Rd	0701	0806	0836	0911	0941	1011	1041	1111	1141	1211	1241	1311	1341	1411	1441	1511	1541
Barnburgh, Barnburgh Ln/Church Ln	0704	0809	0839	0914	0944	1014	1044	1114	1144	1214	1244	1314	1344	1414	1444	1514	1544
Goldthorpe, Barnsley Rd/Police Stn	0709	0814	0844	0919	0949	1019	1049	1119	1149	1219	1249	1319	1349	1419	1449	1519	1549
Highgate, Barnsley Rd/The Halfway	0711	–	0846	0921	0951	1021	1051	1121	1151	1221	1251	1321	1351	1421	1451	1521	1551
Bolton upon Dearne, Carr Head Ln/Thurnscoe Rd	0715	–	0850	0925	0955	1025	1055	1125	1155	1225	1255	1325	1355	1425	1455	1525	1555
Bolton upon Dearne, Ingsfield Ln/Maori Av	0718	–	0853	0928	0958	1028	1058	1128	1158	1228	1258	1328	1358	1428	1458	1528	1558
Bolton upon Dearne, High St/Angel St	0721	–	–	0931	1001	1031	1101	1131	1201	1231	1301	1331	1401	1431	1501	1531	1601
Mexborough, Adwick Rd/Princess Rd	0727	–	–	0937	1007	1037	1107	1137	1207	1237	1307	1337	1407	1437	1507	1537	1607
Mexborough, Bus Station	0730	–	–	0940	1010	1040	1110	1140	1210	1240	1310	1340	1410	1440	1510	1540	1610

224 ▶ Monday to Friday (continued)

	Doncaster Centre ▶ Mexborough									
Doncaster, Frenchgate Interchange	1620	1650	1725	1755	1820	1855	1955	2055	2155	2310
Sprotbrough, Main St/Boat Ln	1634	1704	1739	1807	1832	1907	2007	2107	2207	2322
Cadeby, Smithy Cotts	1638	1708	1743	1811	–	1911	2011	2111	2211	2326
High Melton, Doncaster Rd/Doncaster Col	1641	1711	1746	1814	–	1914	2014	2114	2214	2329
Harlington, Doncaster Rd/Furlong Rd	1646	1716	1751	1819	–	1919	2019	2119	2219	2334
Barnburgh, Barnburgh Ln/Church Ln	1649	1719	1754	1822	–	1922	2022	2122	2222	2337
Goldthorpe, Barnsley Rd/Police Stn	1654	1724	1759	1826	–	1926	2026	2126	2226	2341
Highgate, Barnsley Rd/The Halfway	1656	1726	1801	1828	–	1928	2028	2128	2228	2343
Bolton upon Dearne, Carr Head Ln/Thurnscoe Rd	1700	1730	1805	1831	–	1931	2031	2131	2231	2346
Bolton upon Dearne, Ingsfield Ln/Maori Av	1703	1733	1808	1834	–	1934	2034	2134	2234	2349
Bolton upon Dearne, High St/Angel St	1706	1736	1811	1837	–	1937	2037	2137	2237	2352
Mexborough, Adwick Rd/Princess Rd	1712	1742	1817	1842	–	1942	2042	2142	2242	2357
Mexborough, Bus Station	1715	1745	1820	1845	–	1945	2045	2145	2245	0000

224 ▶ Monday to Friday

Mexborough, Bus Station	0635	0705	0735	–	–	0915	0945	1015	1045	1115	1145	1215	1245	1315	1345	1415	1445
Mexborough, Adwick Rd/Victoria Rd	0638	0708	0738	–	–	0918	0948	1018	1048	1118	1148	1218	1248	1318	1348	1418	1448
Bolton upon Dearne, High St/Angel St	0642	0712	0742	–	–	0922	0952	1022	1052	1122	1152	1222	1252	1322	1352	1422	1452
Bolton upon Dearne, Ingsfield Ln/Maori Av	0646	0716	0746	–	0856	0926	0956	1026	1056	1126	1156	1226	1256	1326	1356	1426	1456
Bolton upon Dearne, Canberra Rise/Melbourne Av	0650	0720	0750	–	0900	0930	1000	1030	1100	1130	1200	1230	1300	1330	1400	1430	1500
Highgate, Barnsley Rd/Highgate Ln	0653	0723	0753	–	0903	0933	1003	1033	1103	1133	1203	1233	1303	1333	1403	1433	1503
Goldthorpe, High St/Jackson St	0656	0726	0756	0816	0906	0936	1006	1036	1106	1136	1206	1236	1306	1336	1406	1436	1506
Barnburgh, Barnburgh Ln/Church Ln	0700	0730	0800	0820	0910	0940	1010	1040	1110	1140	1210	1240	1310	1340	1410	1440	1510
Harlington, Doncaster Rd/The Av	0703	0733	0803	0823	0913	0943	1013	1043	1113	1143	1213	1243	1313	1343	1413	1443	1513
High Melton, Doncaster Rd/High Melton Col	0709	0739	0809	0829	0919	0949	1019	1049	1119	1149	1219	1249	1319	1349	1419	1449	1519
Cadeby, Cadeby Ln/Garden Ln	0712	0742	0812	0832	0922	0952	1022	1052	1122	1152	1222	1252	1322	1352	1422	1452	1522
Sprotbrough, Main St/Thorpe Ln	0717	0746	0816	0836	0927	0956	1026	1056	1126	1156	1226	1256	1326	1356	1426	1456	1526
Doncaster, Frenchgate Interchange	0730	0805	0835	0855	0940	1010	1040	1110	1140	1210	1240	1310	1340	1410	1440	1510	1540

224 ▶ Monday to Friday (continued)

Mexborough, Bus Station	1515	1545	1615	1725	1755	1900	2000	2100	2200
Mexborough, Adwick Rd/Victoria Rd	1518	1548	1618	1728	1758	1903	2003	2103	2203
Bolton upon Dearne, High St/Angel St	1522	1552	1622	1732	1802	1907	2007	2107	2207
Bolton upon Dearne, Ingsfield Ln/Maori Av	1526	1556	1626	1735	1805	1910	2010	2110	2210
Bolton upon Dearne, Canberra Rise/Melbourne Av	1530	1600	1630	1738	1808	1913	2013	2113	2213
Highgate, Barnsley Rd/Highgate Ln	1533	1603	1633	1741	1811	1916	2016	2116	2216
Goldthorpe, High St/Jackson St	1536	1606	1636	1744	1814	1919	2019	2119	2219
Barnburgh, Barnburgh Ln/Church Ln	1540	1610	1640	1748	1818	1923	2023	2123	2223
Harlington, Doncaster Rd/The Av	1543	1613	1643	1751	1821	1926	2026	2126	2226
High Melton, Doncaster Rd/High Melton Col	1549	1619	1649	1756	1826	1931	2031	2131	2231
Cadeby, Cadeby Ln/Garden Ln	1552	1622	1652	1759	1829	1934	2034	2134	2234
Sprotbrough, Main St/Thorpe Ln	1556	1626	1656	1803	1833	1938	2038	2138	2238
Doncaster, Frenchgate Interchange	1610	1640	1710	1815	1845	1950	2050	2150	2250

224 ▶ Saturday

Doncaster, Frenchgate Interchange	0635	0745	0845	0915	0945	1015	1045	1115	1145	1215	1245	1315	1345	1415	1445	1515	1545
Sprotbrough, Main St/Boat Ln	0648	0758	0858	0928	0958	1028	1058	1128	1158	1228	1258	1328	1358	1428	1458	1528	1558
Cadeby, Smithy Cotts	0653	0803	0903	0933	1003	1033	1103	1133	1203	1233	1303	1333	1403	1433	1503	1533	1603
High Melton, Doncaster Rd/Doncaster Col	0656	0806	0906	0936	1006	1036	1106	1136	1206	1236	1306	1336	1406	1436	1506	1536	1606
Harlington, Doncaster Rd/Furlong Rd	0701	0811	0911	0941	1011	1041	1111	1141	1211	1241	1311	1341	1411	1441	1511	1541	1611
Barnburgh, Barnburgh Ln/Church Ln	0704	0814	0914	0944	1014	1044	1114	1144	1214	1244	1314	1344	1414	1444	1514	1544	1614
Goldthorpe, Barnsley Rd/Police Stn	0709	0819	0919	0949	1019	1049	1119	1149	1219	1249	1319	1349	1419	1449	1519	1549	1619
Highgate, Barnsley Rd/The Halfway	0711	0821	0921	0951	1021	1051	1121	1151	1221	1251	1321	1351	1421	1451	1521	1551	1621
Bolton upon Dearne, Carr Head Ln/Thurnscoe Rd	0715	0825	0925	0955	1025	1055	1125	1155	1225	1255	1325	1355	1425	1455	1525	1555	1625
Bolton upon Dearne, Ingsfield Ln/Maori Av	0718	0828	0928	0958	1028	1058	1128	1158	1228	1258	1328	1358	1428	1458	1528	1558	1628
Bolton upon Dearne, High St/Angel St	0721	0831	0931	1001	1031	1101	1131	1201	1231	1301	1331	1401	1431	1501	1531	1601	–
Mexborough, Adwick Rd/Princess Rd	0727	0837	0937	1007	1037	1107	1137	1207	1237	1307	1337	1407	1437	1507	1537	1607	–
Mexborough, Bus Station	0730	0840	0940	1010	1040	1110	1140	1210	1240	1310	1340	1410	1440	1510	1540	1610	–

224 ▶ Saturday (continued)

	Doncaster Centre ▶ Mexborough								
Doncaster, Frenchgate Interchange	1615	1645	1720	1750	1855	1955	2055	2155	2310
Sprotbrough, Main St/Boat Ln	1628	1658	1733	1802	1907	2007	2107	2207	2322
Cadeby, Smithy Cotts	1633	1703	1738	1806	1911	2011	2111	2211	2326
High Melton, Doncaster Rd/Doncaster Col	1636	1706	1741	1809	1914	2014	2114	2214	2329
Harlington, Doncaster Rd/Furlong Rd	1641	1711	1746	1814	1919	2019	2119	2219	2334
Barnburgh, Barnburgh Ln/Church Ln	1644	1714	1749	1817	1922	2022	2122	2222	2337
Goldthorpe, Barnsley Rd/Police Stn	1649	1719	1754	1821	1926	2026	2126	2226	2341
Highgate, Barnsley Rd/The Halfway	1651	1721	1756	1823	1928	2028	2128	2228	2343
Bolton upon Dearne, Carr Head Ln/Thurnscoe Rd	1655	1725	1800	1826	1931	2031	2131	2231	2346
Bolton upon Dearne, Ingsfield Ln/Maori Av	1658	1728	1803	1829	1934	2034	2134	2234	2349
Bolton upon Dearne, High St/Angel St	1701	1731	1806	1832	1937	2037	2137	2237	2352
Mexborough, Adwick Rd/Princess Rd	1707	1737	1812	1837	1942	2042	2142	2242	2357
Mexborough, Bus Station	1710	1740	1815	1840	1945	2045	2145	2245	0000

224 ▶ Saturday

224 ▶ Saturday	Mexborough ▶ Doncaster Centre																
Mexborough, Bus Station	0635	0735	0815	0845	0915	0945	1015	1045	1115	1145	1215	1245	1315	1345	1415	1445	1515
Mexborough, Adwick Rd/Victoria Rd	0638	0738	0818	0848	0918	0948	1018	1048	1118	1148	1218	1248	1318	1348	1418	1448	1518
Bolton upon Dearne, High St/Angel St	0642	0742	0822	0852	0922	0952	1022	1052	1122	1152	1222	1252	1322	1352	1422	1452	1522
Bolton upon Dearne, Ingsfield Ln/Maori Av	0646	0746	0826	0856	0926	0956	1026	1056	1126	1156	1226	1256	1326	1356	1426	1456	1526
Bolton upon Dearne, Canberra Rise/Melbourne Av	0650	0750	0830	0900	0930	1000	1030	1100	1130	1200	1230	1300	1330	1400	1430	1500	1530
Highgate, Barnsley Rd/Highgate Ln	0653	0753	0833	0903	0933	1003	1033	1103	1133	1203	1233	1303	1333	1403	1433	1503	1533
Goldthorpe, High St/Jackson St	0656	0756	0836	0906	0936	1006	1036	1106	1136	1206	1236	1306	1336	1406	1436	1506	1536
Barnburgh, Barnburgh Ln/Church Ln	0700	0800	0840	0910	0940	1010	1040	1110	1140	1210	1240	1310	1340	1410	1440	1510	1540
Harlington, Doncaster Rd/The Av	0703	0803	0843	0913	0943	1013	1043	1113	1143	1213	1243	1313	1343	1413	1443	1513	1543
High Melton, Doncaster Rd/High Melton Col	0709	0809	0849	0919	0949	1019	1049	1119	1149	1219	1249	1319	1349	1419	1449	1519	1549
Cadeby, Cadeby Ln/Garden Ln	0712	0812	0852	0922	0952	1022	1052	1122	1152	1222	1252	1322	1352	1422	1452	1522	1552
Sprotbrough, Main St/Thorpe Ln	0717	0817	0857	0927	0957	1027	1057	1127	1157	1227	1257	1327	1357	1427	1457	1527	1557
Doncaster, Frenchgate Interchange	0730	0830	0910	0940	1010	1040	1110	1140	1210	1240	1310	1340	1410	1440	1510	1540	1610

224 ▶ Saturday (continued)

	Mexborough ▶ Doncaster Centre							
Mexborough, Bus Station	1545	–	1645	1755	1900	2000	2100	2200
Mexborough, Adwick Rd/Victoria Rd	1548	–	1648	1758	1903	2003	2103	2203
Bolton upon Dearne, High St/Angel St	1552	–	1652	1802	1907	2007	2107	2207
Bolton upon Dearne, Ingsfield Ln/Maori Av	1556	1630	1656	1805	1910	2010	2110	2210
Bolton upon Dearne, Canberra Rise/Melbourne Av	1600	1634	1700	1808	1913	2013	2113	2213
Highgate, Barnsley Rd/Highgate Ln	1603	1637	1703	1811	1916	2016	2116	2216
Goldthorpe, High St/Jackson St	1606	1640	1706	1814	1919	2019	2119	2219
Barnburgh, Barnburgh Ln/Church Ln	1610	1644	1710	1818	1923	2023	2123	2223
Harlington, Doncaster Rd/The Av	1613	1647	1713	1821	1926	2026	2126	2226
High Melton, Doncaster Rd/High Melton Col	1619	1653	1719	1826	1931	2031	2131	2231
Cadeby, Cadeby Ln/Garden Ln	1622	1656	1722	1829	1934	2034	2134	2234
Sprotbrough, Main St/Thorpe Ln	1627	1701	1727	1833	1938	2038	2138	2238
Doncaster, Frenchgate Interchange	1640	1714	1740	1845	1950	2050	2150	2250

224 ▶ Sunday

Doncaster Centre ▶ Mexborough															
Doncaster, Frenchgate Interchange	0855	0955	1055	1155	1255	1355	1455	1555	1655	1755	1855	1955	2055	2155	2255
Sprotbrough, Main St/Boat Ln	0907	1007	1107	1207	1307	1407	1507	1607	1707	1807	1907	2007	2107	2207	2307
Cadeby, Smithy Cotts	0911	1011	1111	1211	1311	1411	1511	1611	1711	1811	1911	2011	2111	2211	2311
High Melton, Doncaster Rd/Doncaster Col	0914	1014	1114	1214	1314	1414	1514	1614	1714	1814	1914	2014	2114	2214	2314
Harlington, Doncaster Rd/Furlong Rd	0919	1019	1119	1219	1319	1419	1519	1619	1719	1819	1919	2019	2119	2219	2319
Barnburgh, Barnburgh Ln/Church Ln	0922	1022	1122	1222	1322	1422	1522	1622	1722	1822	1922	2022	2122	2222	2322
Goldthorpe, Barnsley Rd/Police Stn	0926	1026	1126	1226	1326	1426	1526	1626	1726	1826	1926	2026	2126	2226	2326
Highgate, Barnsley Rd/The Halfway	0928	1028	1128	1228	1328	1428	1528	1628	1728	1828	1928	2028	2128	2228	2328
Bolton upon Dearne, Carr Head Ln/Thurnscoe Rd	0931	1031	1131	1231	1331	1431	1531	1631	1731	1831	1931	2031	2131	2231	2331
Bolton upon Dearne, Ingsfield Ln/Maori Av	0934	1034	1134	1234	1334	1434	1534	1634	1734	1834	1934	2034	2134	2234	2334
Bolton upon Dearne, High St/Angel St	0937	1037	1137	1237	1337	1437	1537	1637	1737	1837	1937	2037	2137	2237	2337
Mexborough, Adwick Rd/Princess Rd	0942	1042	1142	1242	1342	1442	1542	1642	1742	1842	1942	2042	2142	2242	2342
Mexborough, Bus Station	0945	1045	1145	1245	1345	1445	1545	1645	1745	1845	1945	2045	2145	2245	2345

224 ▶ Sunday

Mexborough ▶ Doncaster Centre															
Mexborough, Bus Station	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	
Mexborough, Adwick Rd/Victoria Rd	0903	1003	1103	1203	1303	1403	1503	1603	1703	1803	1903	2003	2103	2203	
Bolton upon Dearne, High St/Angel St	0907	1007	1107	1207	1307	1407	1507	1607	1707	1807	1907	2007	2107	2207	
Bolton upon Dearne, Ingsfield Ln/Maori Av	0910	1010	1110	1210	1310	1410	1510	1610	1710	1810	1910	2010	2110	2210	
Bolton upon Dearne, Canberra Rise/Melbourne Av	0913	1013	1113	1213	1313	1413	1513	1613	1713	1813	1913	2013	2113	2213	
Highgate, Barnsley Rd/Highgate Ln	0916	1016	1116	1216	1316	1416	1516	1616	1716	1816	1916	2016	2116	2216	
Goldthorpe, High St/Jackson St	0919	1019	1119	1219	1319	1419	1519	1619	1719	1819	1919	2019	2119	2219	
Barnburgh, Barnburgh Ln/Church Ln	0923	1023	1123	1223	1323	1423	1523	1623	1723	1823	1923	2023	2123	2223	
Harlington, Doncaster Rd/The Av	0926	1026	1126	1226	1326	1426	1526	1626	1726	1826	1926	2026	2126	2226	
High Melton, Doncaster Rd/High Melton Col	0931	1031	1131	1231	1331	1431	1531	1631	1731	1831	1931	2031	2131	2231	
Cadeby, Cadeby Ln/Garden Ln	0934	1034	1134	1234	1334	1434	1534	1634	1734	1834	1934	2034	2134	2234	
Sprotbrough, Main St/Thorpe Ln	0938	1038	1138	1238	1338	1438	1538	1638	1738	1838	1938	2038	2138	2238	
Doncaster, Frenchgate Interchange	0950	1050	1150	1250	1350	1450	1550	1650	1750	1850	1950	2050	2150	2250	



226

Full Timetable

Barnsley
Stairfoot
Wombwell
Wath upon Dearne
Bolton on Dearne
Goldthorpe
Thurnscoe

From 21/07/2012

Also serves:
Ventura House



Also available online at
travelsouthyorkshire.com

Operated by:



Project Part-Financed
by the European Union
European Regional
Development Fund

What's changed

From Saturday 21 July 2012, there will be changes to the times of service 226.

The Monday to Saturday timetable is revised in the early morning and late evening.



We aim to provide information which is as accurate as possible. We cannot accept responsibility for errors, or for any service that does not operate to the times shown.

24 hour clock

Throughout South Yorkshire our timetables use the 24 hour clock to avoid confusion between am and pm times.

For example:

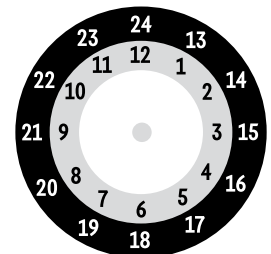
9.00am is shown as 0900

2.15pm is shown as 1415

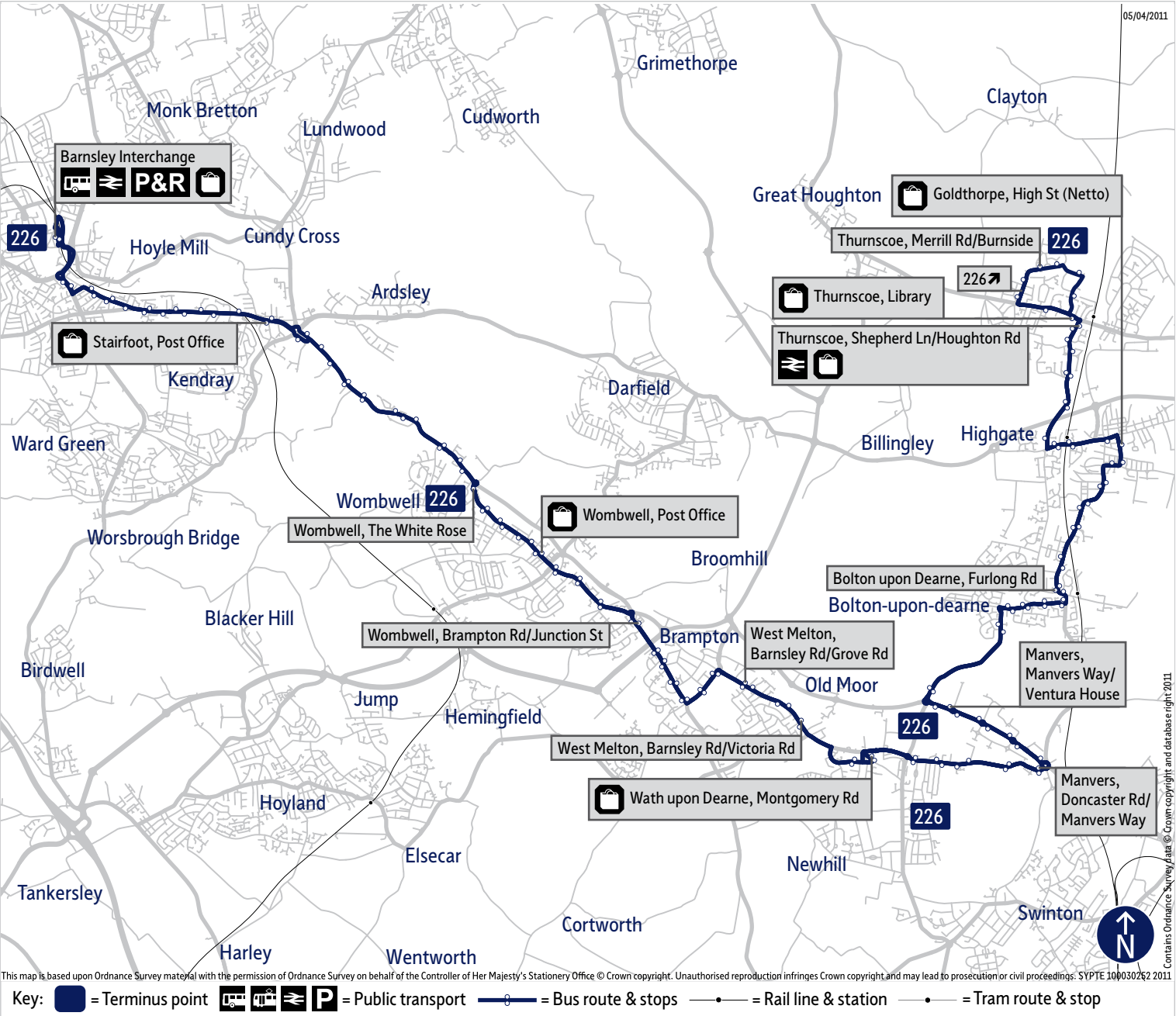
10.25pm is shown as 2225

24 hour times

12 hour times



Bus route map for service 226



226 ▶ Monday to Friday

Barnsley Centre ▶ Thurnscoe

Barnsley, Interchange	-	0635	0705	0735	0810	0840	0910	0940	1010	1040	1110	1140	1210
Stairfoot, Post Office	-	0643	0713	0743	0818	0848	0918	0948	1018	1048	1118	1148	1218
Wombwell, The White Rose	0620	-	-	-	-	-	-	-	-	-	-	-	-
Wombwell, Post Office	0622	0652	0722	0752	0827	0857	0927	0957	1027	1057	1127	1157	1227
Wombwell, Brampton Rd/Junction St	0626	0656	0726	0756	0831	0901	0931	1001	1031	1101	1131	1201	1231
West Melton, Barnsley Rd/Grove Rd	0631	0701	0731	0801	0836	0906	0936	1006	1036	1106	1136	1206	1236
West Melton, Barnsley Rd/Victoria Rd	0632	0702	0732	0802	0837	0907	0937	1007	1037	1107	1137	1207	1237
Wath upon Dearne, Montgomery Rd	a. 0636	0706	0736	0806	0841	0911	0941	1011	1041	1111	1141	1211	1241
Wath upon Dearne, Montgomery Rd	d. 0639	0709	0739	0809	0844	0914	0944	1014	1044	1114	1144	1214	1244
Manvers, Doncaster Rd/Manvers Way	0644	0714	0744	0814	0849	0919	0949	1019	1049	1119	1149	1219	1249
Manvers, Manvers Way/Ventura House	0646	0716	0746	0816	0851	0921	0951	1021	1051	1121	1151	1221	1251
Bolton upon Dearne, Furlong Rd	0652	0722	0752	0822	0857	0927	0957	1027	1057	1127	1157	1227	1257
Goldthorpe, Police Stn	0658	0728	0758	0828	0903	0933	1003	1033	1103	1133	1203	1233	1303
Thurnscoe, Library	0704	0734	0804	0834	0909	0939	1009	1039	1109	1139	1209	1239	1309
Thurnscoe, Merrill Rd/Burnside	0706	0736	0806	0836	0911	0941	1011	1041	1111	1141	1211	1241	1311

226 ▶ Monday to Friday (continued)

Barnsley Centre ▶ Thurnscoe

Barnsley, Interchange	1240	1310	1340	1410	1445	1515	1550	1620	1650	1720	1750	1830	1900
Stairfoot, Post Office	1248	1318	1348	1418	1453	1523	1558	1628	1658	1728	1758	1838	1908
Wombwell, The White Rose	-	-	-	-	-	-	-	-	-	-	-	-	-
Wombwell, Post Office	1257	1327	1357	1427	1502	1532	1607	1637	1707	1737	1807	1846	1916
Wombwell, Brampton Rd/Junction St	1301	1331	1401	1431	1506	1536	1611	1641	1711	1741	1811	1850	1920
West Melton, Barnsley Rd/Grove Rd	1306	1336	1406	1436	1511	1541	1616	1646	1716	1746	1816	1854	1924
West Melton, Barnsley Rd/Victoria Rd	1307	1337	1407	1437	1512	1542	1617	1647	1717	1747	1817	1855	1925
Wath upon Dearne, Montgomery Rd	a. 1311	1341	1411	1441	1516	1546	1621	1651	1721	1751	1821	1859	1929
Wath upon Dearne, Montgomery Rd	d. 1314	1344	1414	1444	1519	1549	1624	1654	1724	1754	1824	1901	1931
Manvers, Doncaster Rd/Manvers Way	1319	1349	1419	1449	1524	1554	1629	1659	1729	1759	1829	1905	1935
Manvers, Manvers Way/Ventura House	1321	1351	1421	1451	1526	1556	1631	1701	1731	1801	1831	1907	1937
Bolton upon Dearne, Furlong Rd	1327	1357	1427	1457	1532	1602	1637	1707	1737	1807	1837	1913	1943
Goldthorpe, Police Stn	1333	1403	1433	1503	1538	1608	1643	1713	1743	1813	1843	1918	1948
Thurnscoe, Library	1339	1409	1439	1509	1544	1614	1649	1719	1749	1819	1849	1924	1954
Thurnscoe, Merrill Rd/Burnside	1341	1411	1441	1511	1546	1616	1651	1721	1751	1821	1851	1926	1956

226 ▶ Monday to Friday (continued)
Barnsley Centre ▶ Thurnscoe

Barnsley, Interchange	1935	2005	2035	2105	2135	2205	2305
Stairfoot, Post Office	1943	2013	2043	2113	2143	2213	2313
Wombwell, The White Rose	–	–	–	–	–	–	–
Wombwell, Post Office	1951	2021	2051	2121	2151	2221	2321
Wombwell, Brampton Rd/Junction St	1955	2025	2055	2125	2155	2225	2325
West Melton, Barnsley Rd/Grove Rd	1959	2029	2059	2129	2159	2229	2329
West Melton, Barnsley Rd/Victoria Rd	2000	2030	2100	2130	2200	2230	2330
Wath upon Dearne, Montgomery Rd	a. 2004	2034	2104	2134	2204	2234	2334
Wath upon Dearne, Montgomery Rd	d. 2006	2036	2106	2136	2206	2236	2336
Manvers, Doncaster Rd/Manvers Way	2010	2040	2110	2140	2210	2240	2340
Manvers, Manvers Way/Ventura House	2012	2042	2112	2142	2212	2242	2342
Bolton upon Dearne, Furlong Rd	2018	2048	2118	2148	2218	2248	2348
Goldthorpe, Police Stn	2023	2053	2123	2153	2223	2253	2353
Thurnscoe, Library	2029	2059	2129	2159	–	2259	2359
Thurnscoe, Merrill Rd/Burnside	2031	2101	2131	2201	–	2301	0001

226 ▶ Monday to Friday
Thurnscoe ▶ Barnsley Centre

Thurnscoe, Merrill Rd/Burnside	–	0517	0541	0611	0641	0711	0737	0807	0846	0916	0946	1016	1046
Thurnscoe, Shepherd Ln/Houghton Rd	–	0521	0546	0616	0646	0716	0742	0812	0851	0921	0951	1021	1051
Goldthorpe, High St/Netto	–	0527	0552	0622	0652	0722	0749	0819	0857	0927	0957	1027	1057
Bolton upon Dearne, Furlong Rd	–	0532	0558	0628	0658	0728	0756	0826	0903	0933	1003	1033	1103
Manvers, Manvers Way/Ventura	0507	0537	0604	0634	0704	0734	0803	0833	0909	0939	1009	1039	1109
Manvers, Doncaster Rd/Manvers Way	0509	0539	0606	0636	0706	0736	0806	0836	0911	0941	1011	1041	1111
Wath upon Dearne, Montgomery Rd	a. 0512	0542	0611	0641	0711	0741	0811	0841	0916	0946	1016	1046	1116
Wath upon Dearne, Montgomery Rd	d. 0514	0544	0614	0644	0714	0744	0814	0844	0919	0949	1019	1049	1119
West Melton, WMC	0517	0547	0617	0647	0717	0747	0817	0847	0922	0952	1022	1052	1122
West Melton, Barnsley Rd/Grove Rd	0518	0548	0618	0648	0718	0748	0818	0848	0923	0953	1023	1053	1123
Wombwell, Brampton Rd/Junction St	0523	0553	0623	0653	0723	0753	0823	0853	0928	0958	1028	1058	1128
Wombwell, Post Office	0528	0558	0628	0658	0728	0758	0828	0858	0933	1003	1033	1103	1133
Stairfoot, Post Office	0536	0606	0637	0707	0737	0807	0837	0907	0942	1012	1042	1112	1142
Barnsley, Interchange	0545	0615	0646	0716	0746	0816	0846	0916	0951	1021	1051	1121	1151

226 ▶ Monday to Friday (continued)

Thurnscoe ▶ Barnsley Centre

Thurnscoe, Merrill Rd/Burnside		1116	1146	1216	1246	1316	1346	1416	1446	1516	1551	1621	1656	1726
Thurnscoe, Shepherd Ln/Houghton Rd		1121	1151	1221	1251	1321	1351	1421	1451	1521	1556	1626	1701	1731
Goldthorpe, High St/Netto		1127	1157	1227	1257	1327	1357	1427	1457	1527	1602	1632	1707	1737
Bolton upon Dearne, Furlong Rd		1133	1203	1233	1303	1333	1403	1433	1503	1533	1608	1638	1713	1743
Manvers, Manvers Way/Ventura		1139	1209	1239	1309	1339	1409	1439	1509	1539	1614	1644	1719	1749
Manvers, Doncaster Rd/Manvers Way		1141	1211	1241	1311	1341	1411	1441	1511	1541	1616	1646	1721	1751
Wath upon Dearne, Montgomery Rd	a.	1146	1216	1246	1316	1346	1416	1446	1516	1546	1621	1651	1726	1756
Wath upon Dearne, Montgomery Rd	d.	1149	1219	1249	1319	1349	1419	1449	1519	1549	1624	1659	1729	1759
West Melton, WMC		1152	1222	1252	1322	1352	1422	1452	1522	1552	1627	1702	1732	1802
West Melton, Barnsley Rd/Grove Rd		1153	1223	1253	1323	1353	1423	1453	1523	1553	1628	1703	1733	1803
Wombwell, Brampton Rd/Junction St		1158	1228	1258	1328	1358	1428	1458	1528	1558	1633	1708	1738	1808
Wombwell, Post Office		1203	1233	1303	1333	1403	1433	1503	1533	1603	1638	1713	1743	1813
Stairfoot, Post Office		1212	1242	1312	1342	1412	1442	1512	1542	1612	1647	1722	1752	1822
Barnsley, Interchange		1221	1251	1321	1351	1421	1451	1521	1551	1621	1656	1731	1801	1831

226 ▶ Monday to Friday (continued)

Thurnscoe ▶ Barnsley Centre

Thurnscoe, Merrill Rd/Burnside		1756	1826	1856	1931	2001	2031	2101	2201	2301
Thurnscoe, Shepherd Ln/Houghton Rd		1801	1830	1900	1935	2005	2035	2105	2205	2305
Goldthorpe, High St/Netto		1807	1836	1906	1941	2011	2041	2111	2211	2311
Bolton upon Dearne, Furlong Rd		1813	1841	1911	1946	2016	2046	2116	2216	2316
Manvers, Manvers Way/Ventura		1819	1846	1916	1951	2021	2051	2121	2221	2321
Manvers, Doncaster Rd/Manvers Way		1821	1848	1918	1953	2023	2053	2123	2223	2323
Wath upon Dearne, Montgomery Rd	a.	1826	1852	1922	1957	2027	2057	2127	2227	2327
Wath upon Dearne, Montgomery Rd	d.	1829	1855	1925	2000	2030	2100	2130	2230	2330
West Melton, WMC		1832	1858	1928	2003	2033	2103	2133	2233	2333
West Melton, Barnsley Rd/Grove Rd		1833	1859	1929	2004	2034	2104	2134	2234	2334
Wombwell, Brampton Rd/Junction St		1838	1904	1934	2009	2039	2109	2139	2239	2339
Wombwell, Post Office		1843	1908	1938	2013	2043	2113	2143	2243	2343
Stairfoot, Post Office		1852	1916	1946	2021	2051	2121	2151	2251	2351
Barnsley, Interchange		1901	1925	1955	2030	2100	2130	2200	2300	0000

226 ▶ Saturday
Barnsley Centre ▶ Thurnscoe

Barnsley, Interchange	–	0710	0740	0810	0840	0910	0940	1010	1040	1110	1140	1210		
Stairfoot, Post Office	–	0718	0748	0818	0848	0918	0948	1018	1048	1118	1148	1218		
Wombwell, Post Office	–	–	0727	0757	0827	0857	0927	0957	1027	1057	1127	1157	1227	
Wombwell, Brampton Rd/Junction St	–	–	0731	0801	0831	0901	0931	1001	1031	1101	1131	1201	1231	
West Melton, Barnsley Rd/Grove Rd	–	–	0736	0806	0836	0906	0936	1006	1036	1106	1136	1206	1236	
West Melton, Barnsley Rd/Victoria Rd	–	–	0737	0807	0837	0907	0937	1007	1037	1107	1137	1207	1237	
Wath upon Dearne, Montgomery Rd	a.	–	–	0741	0811	0841	0911	0941	1011	1041	1111	1141	1211	1241
Wath upon Dearne, Montgomery Rd	d.	0644	0716	0744	0814	0844	0914	0944	1014	1044	1114	1144	1214	1244
Manvers, Doncaster Rd/Manvers Way		0649	0721	0749	0819	0849	0919	0949	1019	1049	1119	1149	1219	1249
Manvers, Manvers Way/Ventura House		0651	0723	0751	0821	0851	0921	0951	1021	1051	1121	1151	1221	1251
Bolton upon Dearne, Furlong Rd		0657	0729	0757	0827	0857	0927	0957	1027	1057	1127	1157	1227	1257
Goldthorpe, Police Stn		0703	0735	0803	0833	0903	0933	1003	1033	1103	1133	1203	1233	1303
Thurnscoe, Library		0709	0741	0809	0839	0909	0939	1009	1039	1109	1139	1209	1239	1309
Thurnscoe, Merrill Rd/Burnside		0711	0743	0811	0841	0911	0941	1011	1041	1111	1141	1211	1241	1311

226 ▶ Saturday (continued)
Barnsley Centre ▶ Thurnscoe

Barnsley, Interchange		1240	1310	1340	1410	1445	1515	1550	1620	1650	1720	1750	1830	1900
Stairfoot, Post Office		1248	1318	1348	1418	1453	1523	1558	1628	1658	1728	1758	1838	1908
Wombwell, Post Office		1257	1327	1357	1427	1502	1532	1607	1637	1707	1737	1807	1846	1916
Wombwell, Brampton Rd/Junction St		1301	1331	1401	1431	1506	1536	1611	1641	1711	1741	1811	1850	1920
West Melton, Barnsley Rd/Grove Rd		1306	1336	1406	1436	1511	1541	1616	1646	1716	1746	1816	1854	1924
West Melton, Barnsley Rd/Victoria Rd		1307	1337	1407	1437	1512	1542	1617	1647	1717	1747	1817	1855	1925
Wath upon Dearne, Montgomery Rd	a.	1311	1341	1411	1441	1516	1546	1621	1651	1721	1751	1821	1859	1929
Wath upon Dearne, Montgomery Rd	d.	1314	1344	1414	1444	1519	1549	1624	1654	1724	1754	1824	1901	1931
Manvers, Doncaster Rd/Manvers Way		1319	1349	1419	1449	1524	1554	1629	1659	1729	1759	1829	1905	1935
Manvers, Manvers Way/Ventura House		1321	1351	1421	1451	1526	1556	1631	1701	1731	1801	1831	1907	1937
Bolton upon Dearne, Furlong Rd		1327	1357	1427	1457	1532	1602	1637	1707	1737	1807	1837	1913	1943
Goldthorpe, Police Stn		1333	1403	1433	1503	1538	1608	1643	1713	1743	1813	1843	1918	1948
Thurnscoe, Library		1339	1409	1439	1509	1544	1614	1649	1719	1749	1819	1849	1924	1954
Thurnscoe, Merrill Rd/Burnside		1341	1411	1441	1511	1546	1616	1651	1721	1751	1821	1851	1926	1956

226 ▶ Saturday (continued)
Barnsley Centre ▶ Thurnscoe

Barnsley, Interchange	1935	2005	2035	2105	2135	2205	2305
Stairfoot, Post Office	1943	2013	2043	2113	2143	2213	2313
Wombwell, Post Office	1951	2021	2051	2121	2151	2221	2321
Wombwell, Brampton Rd/Junction St	1955	2025	2055	2125	2155	2225	2325
West Melton, Barnsley Rd/Grove Rd	1959	2029	2059	2129	2159	2229	2329
West Melton, Barnsley Rd/Victoria Rd	2000	2030	2100	2130	2200	2230	2330
Wath upon Dearne, Montgomery Rd	a. 2004	2034	2104	2134	2204	2234	2334
Wath upon Dearne, Montgomery Rd	d. 2006	2036	2106	2136	2206	2236	2336
Manvers, Doncaster Rd/Manvers Way	2010	2040	2110	2140	2210	2240	2340
Manvers, Manvers Way/Ventura House	2012	2042	2112	2142	2212	2242	2342
Bolton upon Dearne, Furlong Rd	2018	2048	2118	2148	2218	2248	2348
Goldthorpe, Police Stn	2023	2053	2123	2153	2223	2253	2353
Thurnscoe, Library	2029	2059	2129	2159	-	2259	2359
Thurnscoe, Merrill Rd/Burnside	2031	2101	2131	2201	-	2301	0001

226 ▶ Saturday
Thurnscoe ▶ Barnsley Centre

Thurnscoe, Merrill Rd/Burnside	-	-	0646	0746	0816	0846	0916	0946	1016	1046	1116	1146	1216
Thurnscoe, Shepherd Ln/Houghton Rd	-	-	0651	0751	0821	0851	0921	0951	1021	1051	1121	1151	1221
Goldthorpe, High St/Netto	0535	-	0657	0757	0827	0857	0927	0957	1027	1057	1127	1157	1227
Bolton upon Dearne, Furlong Rd	0540	-	0703	0803	0833	0903	0933	1003	1033	1103	1133	1203	1233
Manvers, Manvers Way/Ventura	0545	0611	0709	0809	0839	0909	0939	1009	1039	1109	1139	1209	1239
Manvers, Doncaster Rd/Manvers Way	0547	0613	0711	0811	0841	0911	0941	1011	1041	1111	1141	1211	1241
Wath upon Dearne, Montgomery Rd	a. 0550	0616	0716	0816	0846	0916	0946	1016	1046	1116	1146	1216	1246
Wath upon Dearne, Montgomery Rd	d. 0550	0616	0719	0819	0849	0919	0949	1019	1049	1119	1149	1219	1249
West Melton, WMC	0553	0619	0722	0822	0852	0922	0952	1022	1052	1122	1152	1222	1252
West Melton, Barnsley Rd/Grove Rd	0554	0620	0723	0823	0853	0923	0953	1023	1053	1123	1153	1223	1253
Wombwell, Brampton Rd/Junction St	0559	0624	0728	0828	0858	0928	0958	1028	1058	1128	1158	1228	1258
Wombwell, Post Office	0603	0628	0733	0833	0903	0933	1003	1033	1103	1133	1203	1233	1303
Stairfoot, Post Office	0611	0636	0742	0842	0912	0942	1012	1042	1112	1142	1212	1242	1312
Barnsley, Interchange	0620	0645	0751	0851	0921	0951	1021	1051	1121	1151	1221	1251	1321

226 ▶ Saturday (continued)	Thurnscoe ▶ Barnsley Centre												
Thurnscoe, Merrill Rd/Burnside	1246	1316	1346	1416	1446	1516	1551	1621	1656	1726	1756	1826	1856
Thurnscoe, Shepherd Ln/Houghton Rd	1251	1321	1351	1421	1451	1521	1556	1626	1701	1731	1801	1830	1900
Goldthorpe, High St/Netto	1257	1327	1357	1427	1457	1527	1602	1632	1707	1737	1807	1836	1906
Bolton upon Dearne, Furlong Rd	1303	1333	1403	1433	1503	1533	1608	1638	1713	1743	1813	1841	1911
Manvers, Manvers Way/Ventura	1309	1339	1409	1439	1509	1539	1614	1644	1719	1749	1819	1846	1916
Manvers, Doncaster Rd/Manvers Way	1311	1341	1411	1441	1511	1541	1616	1646	1721	1751	1821	1848	1918
Wath upon Dearne, Montgomery Rd	a. 1316	1346	1416	1446	1516	1546	1621	1651	1726	1756	1826	1852	1922
Wath upon Dearne, Montgomery Rd	d. 1319	1349	1419	1449	1519	1549	1624	1659	1729	1759	1829	1855	1925
West Melton, WMC	1322	1352	1422	1452	1522	1552	1627	1702	1732	1802	1832	1858	1928
West Melton, Barnsley Rd/Grove Rd	1323	1353	1423	1453	1523	1553	1628	1703	1733	1803	1833	1859	1929
Wombwell, Brampton Rd/Junction St	1328	1358	1428	1458	1528	1558	1633	1708	1738	1808	1838	1904	1934
Wombwell, Post Office	1333	1403	1433	1503	1533	1603	1638	1713	1743	1813	1843	1908	1938
Stairfoot, Post Office	1342	1412	1442	1512	1542	1612	1647	1722	1752	1822	1852	1916	1946
Barnsley, Interchange	1351	1421	1451	1521	1551	1621	1656	1731	1801	1831	1901	1925	1955

226 ▶ Saturday (continued)	Thurnscoe ▶ Barnsley Centre						
Thurnscoe, Merrill Rd/Burnside	1931	2001	2031	2101	2201	2301	
Thurnscoe, Shepherd Ln/Houghton Rd	1935	2005	2035	2105	2205	2305	
Goldthorpe, High St/Netto	1941	2011	2041	2111	2211	2311	
Bolton upon Dearne, Furlong Rd	1946	2016	2046	2116	2216	2316	
Manvers, Manvers Way/Ventura	1951	2021	2051	2121	2221	2321	
Manvers, Doncaster Rd/Manvers Way	1953	2023	2053	2123	2223	2323	
Wath upon Dearne, Montgomery Rd	a. 1957	2027	2057	2127	2227	2327	
Wath upon Dearne, Montgomery Rd	d. 2000	2030	2100	2130	2230	2330	
West Melton, WMC	2003	2033	2103	2133	2233	2333	
West Melton, Barnsley Rd/Grove Rd	2004	2034	2104	2134	2234	2334	
Wombwell, Brampton Rd/Junction St	2009	2039	2109	2139	2239	2339	
Wombwell, Post Office	2013	2043	2113	2143	2243	2343	
Stairfoot, Post Office	2021	2051	2121	2151	2251	2351	
Barnsley, Interchange	2030	2100	2130	2200	2300	0000	

226 ▶ Sunday

Barnsley Centre ▶ Thurnscoe

Barnsley, Interchange		0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Stairfoot, Post Office		0808	0908	1008	1108	1208	1308	1408	1508	1608	1708	1808	1908	2008
Wombwell, Post Office		0816	0916	1016	1116	1216	1316	1416	1516	1616	1716	1816	1916	2016
Wombwell, Brampton Rd/Junction St		0820	0920	1020	1120	1220	1320	1420	1520	1620	1720	1820	1920	2020
West Melton, Barnsley Rd/Grove Rd		0824	0924	1024	1124	1224	1324	1424	1524	1624	1724	1824	1924	2024
West Melton, Barnsley Rd/Victoria Rd		0825	0925	1025	1125	1225	1325	1425	1525	1625	1725	1825	1925	2025
Wath upon Dearne, Montgomery Rd	a.	0829	0929	1029	1129	1229	1329	1429	1529	1629	1729	1829	1929	2029
Wath upon Dearne, Montgomery Rd	d.	0831	0931	1031	1131	1231	1331	1431	1531	1631	1731	1831	1931	2031
Manvers, Doncaster Rd/Manvers Way		0835	0935	1035	1135	1235	1335	1435	1535	1635	1735	1835	1935	2035
Manvers, Manvers Way/Ventura House		0837	0937	1037	1137	1237	1337	1437	1537	1637	1737	1837	1937	2037
Bolton upon Dearne, Furlong Rd		0843	0943	1043	1143	1243	1343	1443	1543	1643	1743	1843	1943	2043
Goldthorpe, Police Stn		0848	0948	1048	1148	1248	1348	1448	1548	1648	1748	1848	1948	2048
Thurnscoe, Library		0854	0954	1054	1154	1254	1354	1454	1554	1654	1754	1854	1954	2054
Thurnscoe, Merrill Rd/Burnside		0856	0956	1056	1156	1256	1356	1456	1556	1656	1756	1856	1956	2056

226 ▶ Sunday (continued)

Barnsley Centre ▶ Thurnscoe

Barnsley, Interchange		2100	2200	2300
Stairfoot, Post Office		2108	2208	2308
Wombwell, Post Office		2116	2216	2316
Wombwell, Brampton Rd/Junction St		2120	2220	2320
West Melton, Barnsley Rd/Grove Rd		2124	2224	2324
West Melton, Barnsley Rd/Victoria Rd		2125	2225	2325
Wath upon Dearne, Montgomery Rd	a.	2129	2229	2329
Wath upon Dearne, Montgomery Rd	d.	2131	2231	2331
Manvers, Doncaster Rd/Manvers Way		2135	2235	2335
Manvers, Manvers Way/Ventura House		2137	2237	2337
Bolton upon Dearne, Furlong Rd		2143	2243	2343
Goldthorpe, Police Stn		2148	2248	2348
Thurnscoe, Library		2154	2254	2354
Thurnscoe, Merrill Rd/Burnside		2156	2256	2356

226 ▶ Sunday

Thurnscoe ▶ Barnsley Centre

Thurnscoe, Merrill Rd/Burnside	-	0857	0957	1057	1157	1257	1357	1457	1557	1657	1757	1857	1957
Thurnscoe, Shepherd Ln/Houghton Rd	-	0901	1001	1101	1201	1301	1401	1501	1601	1701	1801	1901	2001
Goldthorpe, High St/Netto	-	0907	1007	1107	1207	1307	1407	1507	1607	1707	1807	1907	2007
Bolton upon Dearne, Furlong Rd	-	0912	1012	1112	1212	1312	1412	1512	1612	1712	1812	1912	2012
Manvers, Manvers Way/Ventura		0817	0917	1017	1117	1217	1317	1417	1517	1617	1717	1817	1917
Manvers, Doncaster Rd/Manvers Way		0819	0919	1019	1119	1219	1319	1419	1519	1619	1719	1819	1919
Wath upon Dearne, Montgomery Rd	a.	0823	0923	1023	1123	1223	1323	1423	1523	1623	1723	1823	1923
Wath upon Dearne, Montgomery Rd	d.	0825	0925	1025	1125	1225	1325	1425	1525	1625	1725	1825	1925
West Melton, WMC		0828	0928	1028	1128	1228	1328	1428	1528	1628	1728	1828	1928
West Melton, Barnsley Rd/Grove Rd		0829	0929	1029	1129	1229	1329	1429	1529	1629	1729	1829	1929
Wombwell, Brampton Rd/Junction St		0834	0934	1034	1134	1234	1334	1434	1534	1634	1734	1834	1934
Wombwell, Post Office		0838	0938	1038	1138	1238	1338	1438	1538	1638	1738	1838	1938
Stairfoot, Post Office		0846	0946	1046	1146	1246	1346	1446	1546	1646	1746	1846	1946
Barnsley, Interchange		0855	0955	1055	1155	1255	1355	1455	1555	1655	1755	1855	1955

226 ▶ Sunday (continued)

Thurnscoe ▶ Barnsley Centre

Thurnscoe, Merrill Rd/Burnside		2057	2157	2257
Thurnscoe, Shepherd Ln/Houghton Rd		2101	2201	2301
Goldthorpe, High St/Netto		2107	2207	2307
Bolton upon Dearne, Furlong Rd		2112	2212	2312
Manvers, Manvers Way/Ventura		2117	2217	2317
Manvers, Doncaster Rd/Manvers Way		2119	2219	2319
Wath upon Dearne, Montgomery Rd	a.	2123	2223	2323
Wath upon Dearne, Montgomery Rd	d.	2125	2225	2325
West Melton, WMC		2128	2228	2328
West Melton, Barnsley Rd/Grove Rd		2129	2229	2329
Wombwell, Brampton Rd/Junction St		2134	2234	2334
Wombwell, Post Office		2138	2238	2338
Stairfoot, Post Office		2146	2246	2346
Barnsley, Interchange		2155	2255	2355

Notes: a. - Arrival time, d. - Departure time

Passenger Information

Tickets

Please note it is a legal requirement to have a valid ticket or pass before you start your journey and you risk prosecution if you travel without one. You must buy your ticket from the ticket office or ticket vending machine before getting on the train. If the ticket office is closed or you board at an unstaffed station you can buy your ticket from the conductor on the train. If you do not use the ticket office or vending machine when they're available, the conductor will charge you the full Anytime single/return fare.

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Smoking is not permitted on any stations or trains.

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On bank holidays and over the festive period, there will be a difference to the normal operation of some services. There will be no service on Christmas Day and Boxing Day. Please contact Traveline or visit northernrail.org for details.

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Engineering work can affect services please check northernrail.org before travelling.

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EM - East Midlands Trains **GR** - East Coast
HT - First Hull Trains **TP** - First TransPennine Express
XC - CrossCountry

All other journeys are operated by Northern.

Please note: train services shown in this booklet are subject to alterations or cancellation at short notice.

Contact Information

Detailed information on all services, facilities and fares can be obtained by telephoning National Rail Enquiries.



National Rail Enquiries: 08457 48 49 50



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Traveline: 01709 51 51 51

Date of issue: 12/2012



4861

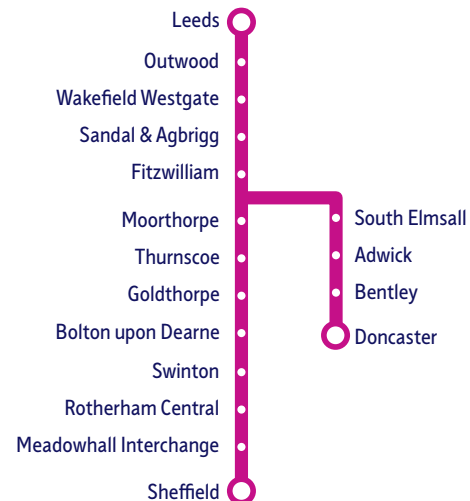


**Sheffield ▶ Meadowhall ▶ Rotherham ▶
Moorthorpe / Doncaster ▶ Leeds**

Including Sheffield - London St Pancras via Derby Summary

Full Rail
Timetable

From: 9 December 2012 - 18 May 2013



In partnership with:



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If you need assistance please contact:

Assistance Helpline Telephone: 08081 561 606

Textphone: 08456 045 608

Email: assistance@northernrail.org

Online: northernrail.org



24 hour clock

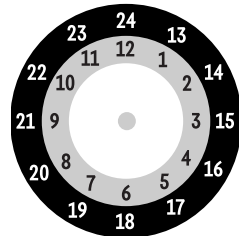
Throughout South Yorkshire our timetables use the 24 hour clock to avoid confusion between am and pm times.

For example:

9.00am is shown as 0900

2.15pm is shown as 1415

10.25pm is shown as 2225



a. Arrival time

d. Departure time

24 hour times

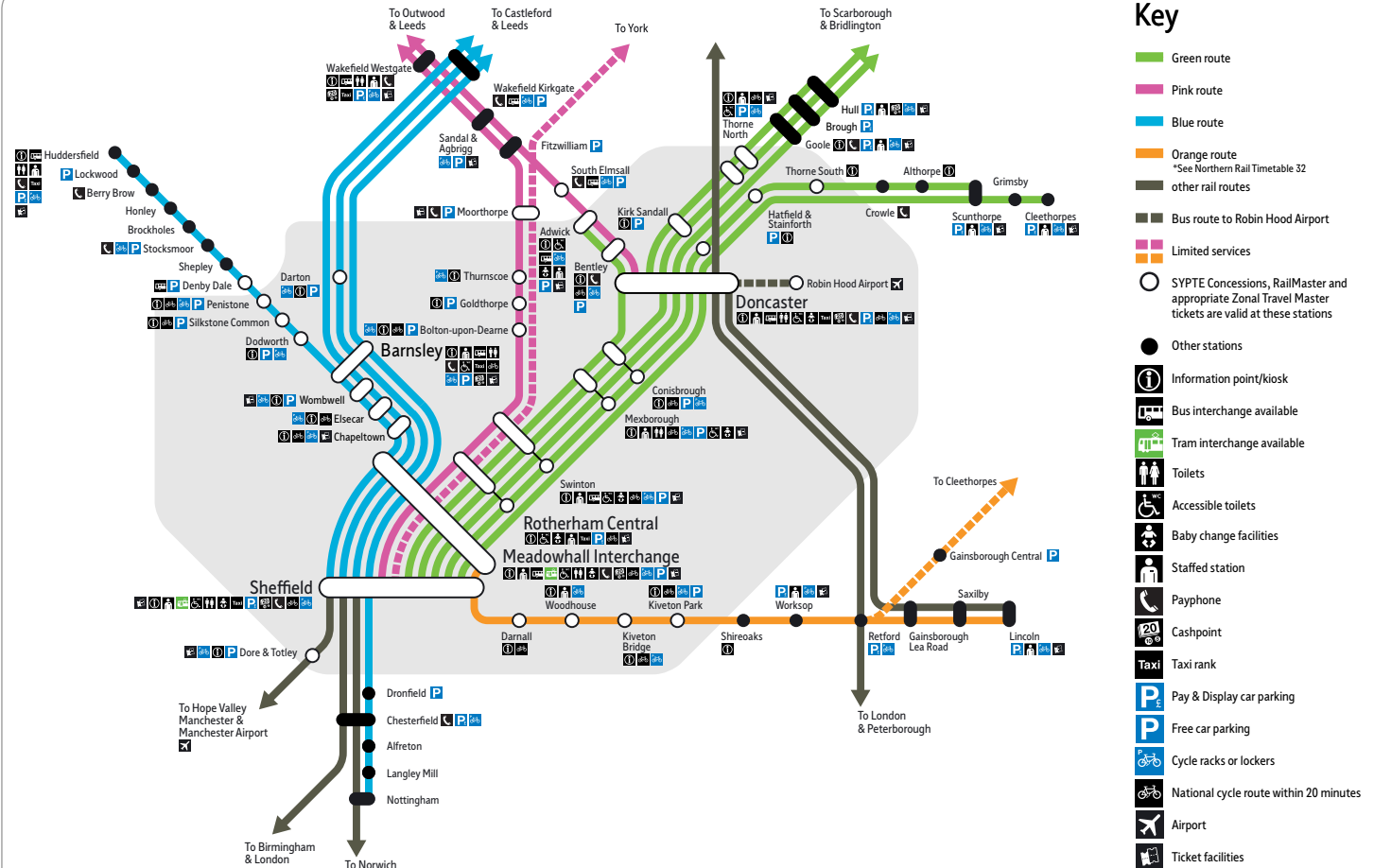
12 hour times



Car parking

Many stations in South Yorkshire have free car parking for rail users, please see map.

South Yorkshire Area Rail Network



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Please take your time to complete the questionnaire in the centre of this timetable and make your views count.

Sheffield - Meadowhall - Rotherham - Leeds

Monday to Fridays

							K					K				
Sheffield	d	0522	0628	0714	0814	0914	0929	1014	1114	1214	1314	1329	1414	1514	1614	1713
Meadowhall		0528	0634	0721	0822	0921	0935	1021	1121	1221	1321	1335	1421	1520	1620	1720
Rotherham Central		0534	0640	0727	0828	0927	0942	1027	1127	1227	1327	1341	1427	1526	1626	1726
Swinton (S Yorks)		0542	0651	0735	0837	0936	0951	1036	1136	1236	1336	1350	1435	1534	1636	1736
Bolton-upon-Deane		0546	0656	0739	0841	0941		1041	1141	1241	1341		1440	1539	1640	1740
Goldthorpe		0549	0658	0742	0844	0943		1043	1143	1243	1343		1442	1541	1643	1743
Thurnscoe		0552	0701	0745	0847	0946		1046	1146	1246	1346		1445	1544	1646	1746
Moorthorpe		0557	0706	0754	0852	0951	1001	1053	1153	1252	1353	1401	1452	1552	1653	1752
Fitzwilliam		0602	0712	0800	0858	0956	—	1059	1159	1259	1359	—	1458	1557	1659	1758
Sandal & Agbrigg		0608	0718	0806	0904	1002	—	1105	1205	1305	1405	—	1504	1603	1705	1805
Wakefield Westgate		0613	0723	0811	0908	1006	—	1109	1209	1309	1409	—	1508	1608	1709	1809
Outwood		0618	0728	0816	0913	1011	—	1114	1214	1314	1414	—	1513	1613	1714	1814
Leeds	a	0633	0744	0836	0931	1031	—	1131	1231	1329	1431	—	1531	1631	1733	1830

							FX	FO
Sheffield	d	1813	1918	2027	2130	2224	2315	2315
Meadowhall		1820	1925	2035	2136	2230	2321	2321
Rotherham Central		1826	1931	2041	2142	2236	2327	2327
Swinton (S Yorks)		1836	1940	2050	2150	2245	2336	2336
Bolton-upon-Dearne		1841	1944	2055	2155	2249	2341	2341
Goldthorpe		1843	1947	2057	2157	2252	2344	2344
Thurnscoe		1846	1950	2100	2200	2255	2347	2347
Moorthorpe		1853	2000	2105	2205	2300	2352	2352
Fitzwilliam		1859	2005	2111	2211	2307		
Sandal & Agbrigg		1905	2011	2117	2217	2313		
Wakefield Westgate		1910	2016	2122	2221	2318	0010	
Outwood		1915	2021	2127	2226	2323		
Leeds	a	1931	2034	2147	2246	2341	0029	0030

Notes: FO Fridays only FX Fridays excepted K Through train to or from York

Sheffield - Meadowhall - Rotherham - Leeds

Saturdays

						K					K					
Sheffield	d	0628	0714	0814	0914	0929	1014	1114	1214	1314	1329	1414	1514	1614	1714	1815
Meadowhall		0634	0721	0822	0921	0935	1021	1121	1221	1321	1335	1421	1521	1621	1721	1821
Rotherham Central		0640	0727	0828	0927	0942	1027	1127	1227	1327	1341	1427	1527	1627	1727	1827
Swinton (S Yorks)		0651	0733	0837	0936	0951	1036	1136	1236	1336	1350	1436	1536	1636	1737	1837
Bolton-upon-Deane		0656	0738	0842	0941		1041	1141	1241	1341		1441	1541	1641	1741	1841
Goldthorpe		0658	0740	0844	0943		1043	1143	1243	1343		1443	1543	1643	1744	1844
Thurnscoe		0701	0743	0847	0946		1046	1146	1246	1346		1446	1546	1646	1747	1847
Moorthorpe		0706	0752	0853	0952	1001	1053	1153	1252	1352	1401	1452	1552	1652	1752	1852
Fitzwilliam		0712	0758	0909	1009	—	1109	1209	1309	1409	—	1509	1610	1709	1813	1909
Sandal & Agbrigg		0718	0804	0915	1015	—	1115	1215	1315	1415	—	1515	1616	1715	1819	1915
Wakefield Westgate		0723	0811	0919	1019	—	1119	1219	1319	1419	—	1519	1620	1719	1823	1919
Outwood		0728	0816	0924	1024	—	1124	1224	1324	1424	—	1524	1625	1724	1828	1924
Leeds	a	0744	0832	0940	1040	—	1140	1240	1343	1440	—	1540	1641	1741	1844	1943

Sheffield	d	1918	2030	2130	2224
Meadowhall		1925	2036	2136	2230
Rotherham Central		1931	2042	2142	2236
Swinton (S Yorks)		1940	2050	2150	2245
Bolton-upon-Dearne		1944	2055	2154	2249
Goldthorpe		1947	2057	2157	2252
Thurnscoe		1950	2100	2200	2255
Moorthorpe		2001	2105	2205	2300
Fitzwilliam		2007	2111	2211	2307
Sandal & Agbrigg		2013	2117	2217	2313
Wakefield Westgate		2017	2122	2222	2318
Outwood		2022	2127	2227	2323
Leeds	a	2038	2147	2245	2340

Notes: K Through train to or from York



The Embankment Centre at Thurnscoe offers a wide range of facilities and services to the general public, including:

The Platform Cafe | The Little Children Nursery
Conference and Training Suites

The Little Children Nursery provides childcare for children 0 to 5 years from 8am-6pm. If you would like further information regarding our facilities and services, please call 01709 899050

Sheffield - Meadowhall - Rotherham - Leeds

Sundays

						K		K		
Sheffield	d	0936	1136	1336	1536	1636	1737	1857	1936	2136
Meadowhall		0942	1142	1342	1542	1642	1745	1905	1942	2142
Rotherham Central		0948	1149	1349	1550	1649	1751	1911	1949	2148
Swinton (S Yorks)		0958	1200	1357	1558	1658	1759	1919	1957	2156
Bolton-upon-Dearne		1003	1204	1401	1602	1702	1803		2002	2200
Goldthorpe		1005	1207	1404	1605	1705	1806		2004	2203
Thurnscoe		1008	1210	1407	1608	1708	1809		2007	2206
Moorthorpe		1013	1215	1412	1613	1713	1814	1929	2012	2211
Fitzwilliam		1019	1221	1417	1619	—	1819	—	2018	2217
Sandal & Agbrigg		1025	1227	1423	1625	—	1825	—	2024	2223
Wakefield Westgate		1030	1231	1428	1629	—	1830	—	2029	2228
Outwood		1035	1236	1433	1634	—	1835	—	2034	2233
Leeds	a	1052	1253	1447	1654	—	1850	—	2052	2252

Notes: K Through train to or from York

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Leeds - Rotherham - Meadowhall - Sheffield

Mondays to Fridays

								K					K			
Leeds	d	0533	0643	0748	0848	0948	1048	—	1148	1248	1348	1448	—	1548	1648	1746
Outwood		0544	0654	0759	0859	0959	1059	—	1159	1259	1359	1459	—	1559	1659	1757
Wakefield Westgate		0549	0658	0803	0903	1003	1103	—	1203	1303	1403	1503	—	1603	1703	1801
Sandal & Agbrigg		0553	0702	0807	0907	1007	1107	—	1207	1307	1407	1507	—	1607	1707	1807
Fitzwilliam		0600	0709	0814	0914	1014	1114	—	1214	1314	1414	1514	—	1614	1714	1814
Moorthorpe		0606	0715	0820	0920	1020	1120	1159	1220	1320	1420	1520	1551	1620	1720	1820
Thurnscoe		0612	0721	0826	0926	1026	1126		1226	1326	1426	1526		1626	1726	1826
Goldthorpe		0615	0723	0828	0928	1028	1128		1228	1328	1428	1528		1628	1728	1828
Bolton-upon-Dearne		0618	0726	0831	0931	1031	1131		1231	1331	1431	1531		1631	1731	1831
Swinton (S Yorks)		0623	0730	0834	0935	1035	1135	1210	1235	1335	1435	1535	1601	1635	1735	1835
Rotherham Central		0631	0739	0843	0944	1044	1144	1219	1244	1344	1444	1544	1609	1644	1744	1845
Meadowhall		0638	0745	0851	0950	1050	1151	1224	1251	1351	1450	1550	1618	1650	1750	1850
Sheffield	a	0647	0756	0859	1000	1101	1201	1236	1301	1401	1501	1601	1627	1700	1801	1900

Leeds	d	1848	1948	2048	2148	2309
Outwood		1859	1959	2059	2159	2320
Wakefield Westgate		1903	2003	2103	2203	2324
Sandal & Agbrigg		1907	2007	2107	2207	2328
Fitzwilliam		1914	2014	2113	2214	2335
Moorthorpe		1920	2020	2120	2220	2341
Thurnscoe		1926	2026	2127	2226	2347
Goldthorpe		1928	2028	2129	2228	2349
Bolton-upon-Dearne		1931	2031	2132	2231	2352
Swinton (S Yorks)		1935	2035	2135	2235	2356
Rotherham Central		1945	2045	2144	2246	0003
Meadowhall		1951	2051	2152	2253	0009
Sheffield	a	1959	2102	2204	2302	0023

Notes: K Through train to or from York

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Leeds - Rotherham - Meadowhall - Sheffield

Saturdays

							K					K				
Leeds	d	0643	0748	0848	0948	1048	—	1148	1248	1348	1448	—	1548	1648	1748	1848
Outwood		0654	0759	0859	0959	1059	—	1159	1259	1359	1459	—	1559	1659	1759	1859
Wakefield Westgate		0658	0803	0903	1003	1103	—	1203	1303	1403	1503	—	1603	1703	1803	1903
Sandal & Agbrigg		0702	0807	0907	1007	1107	—	1207	1307	1407	1507	—	1607	1707	1807	1907
Fitzwilliam		0709	0814	0914	1014	1114	—	1214	1314	1414	1514	—	1614	1714	1814	1914
Moorthorpe		0715	0820	0920	1020	1120	1159	1220	1320	1420	1520	1551	1620	1720	1820	1920
Thurnscoe		0721	0826	0926	1026	1126		1226	1326	1426	1526		1626	1726	1826	1926
Goldthorpe		0723	0828	0928	1028	1128		1228	1328	1428	1528		1628	1728	1828	1928
Bolton-upon-Dearne		0726	0831	0931	1031	1131		1231	1331	1431	1531		1631	1731	1831	1931
Swinton (S Yorks)		0730	0835	0935	1035	1135	1210	1235	1335	1435	1535	1601	1635	1735	1835	1935
Rotherham Central		0738	0844	0946	1044	1144	1219	1244	1344	1444	1544	1609	1644	1744	1844	1944
Meadowhall		0747	0851	0950	1050	1150	1224	1250	1350	1450	1550	1618	1650	1750	1850	1951
Sheffield	a	0754	0859	1000	1100	1200	1236	1300	1400	1500	1600	1627	1700	1800	1900	2000

Leeds	d	1948	2048	2148	2244
Outwood		1959	2059	2159	2255
Wakefield Westgate		2003	2103	2203	2259
Sandal & Agbrigg		2007	2107	2207	2303
Fitzwilliam		2014	2113	2214	2310
Moorthorpe		2020	2119	2220	2316
Thurnscoe		2026	2125	2226	2322
Goldthorpe		2028	2127	2228	2324
Bolton-upon-Dearne		2031	2130	2231	2327
Swinton (S Yorks)		2035	2134	2237	2331
Rotherham Central		2045	2142	2246	2338
Meadowhall		2051	2150	2253	2344
Sheffield	a	2100	2202	2303	2358

Notes: K Through train to or from York

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Sundays

							K		K	
Leeds	d	0848	1118	1318	1518	1719	—	1918	—	2140
Outwood		0859	1129	1329	1529	1730	—	1929	—	2151
Wakefield Westgate		0903	1133	1333	1533	1733	—	1933	—	2155
Sandal & Agbrigg		0907	1137	1337	1537	1737	—	1937	—	2159
Fitzwilliam		0914	1144	1345	1544	1747	—	1944	—	2206
Moorthorpe		0920	1150	1351	1550	1754	1852	1950	2136	2213
Thurnscoe		0926	1156	1357	1556	1800		1956		2219
Goldthorpe		0928	1158	1359	1558	1802		1958		2221
Bolton-upon-Dearne		0931	1201	1402	1601	1805		2001		2224
Swinton (S Yorks)		0935	1205	1406	1605	1810	1901	2009	2145	2232
Rotherham Central		0948	1213	1414	1613	1819	1913	2017	2152	2240
Meadowhall		0954	1221	1421	1619	1825	1918	2023	2158	2245
Sheffield	a	1003	1232	1432	1631	1836	1927	2034	2209	2254

Notes: K Through train to or from York

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Doncaster - Leeds

Mondays to Fridays

		D			D	GR		GR			GR		GR		K	
Doncaster	d	0626	0659	0708	0726	0734	0744	0756	0812	0816	0826	0841	0849	0912	0926	0934
Bentley		0629	0702	0711	0729	0737		0759		0818	0829		0852		0929	0937
Adwick		0633	0708	0715	0733	0743		0803		0823	0833		0858		0933	0942
South Elmsall		0639	—	0721	0739	—		0809		—	0839		—		0939	—
Fitzwilliam		0644	—	0734	0744	—		0814		—	0845		—		0944	—
Sandal & Agbrigg		0650	—	0740	0750	—		0820		—	0850		—		0950	—
Wakefield Westgate		0654	—	0744	0754	—	0801	0825	0831	—	0855	0900	—	0931	0954	—
Outwood		0659	—	0749	0759	—		0829		—	0859		—		0959	—
Leeds	a	0714	—	0802	0814	—	0819	0842	0848	—	0914	0917	—	0948	1014	—

		GR	GR			GR	GR			GR	GR			GR	GR	
					L				L				L			
Doncaster	d	0941	1013	1026	1034	1042	1113	1126	1134	1141	1213	1226	1234	1241	1313	1326
Bentley				1029	1037			1129	1137			1229	1238			1329
Adwick				1033	1043			1133	1143			1233	1243			1333
South Elmsall				1039	—			1139	—			1239	—			1339
Fitzwilliam				1044	—			1145	—			1244	—			1345
Sandal & Agbrigg				1050	—			1150	—			1249	—			1350
Wakefield Westgate		0959	1031	1054	—	1100	1131	1155	—	1201	1231	1252	—	1301	1331	1355
Outwood				1059	—			1159	—			1256	—			1359
Leeds	a	1017	1048	1114	—	1117	1148	1215	—	1217	1248	1313	—	1317	1348	1414

Notes: **D** Through train to or from Sheffield **K** Through train from Worksop and Sheffield
L Through train from Lincoln and Sheffield

Mondays to Fridays

		L	GR	GR		D	GR	GR		L	GR	GR		L	GR	GR
Doncaster	d	1334	1341	1413	1426	1434	1441	1513	1526	1534	1541	1612	1616	1634	1641	1713
Bentley		1337			1429	1437			1529	1537			1619	1637		
Adwick		1343			1433	1443			1533	1542			1623	1643		
South Elmsall		—			1439	—			1539	—			1629	—		
Fitzwilliam		—			1445	—			1544	—			1633	—		
Sandal & Agbrigg		—			1450	—			1550	—			1639	—		
Wakefield Westgate		—	1359	1431	1455	—	1459	1531	1554	—	1559	1631	1643	—	1700	1731
Outwood		—			1459	—			1559	—			1649	—		
Leeds	a	—	1417	1448	1513	—	1517	1548	1614	—	1617	1650	1703	—	1717	1748

			L	GR	GR		GR	GR		GR	GR	GR		GR	GR	
Doncaster	d	1726	1734	1742	1817	1826	1840	1914	1922	1943	1949	2020	2026	2040	2113	2127
Bentley		1729	1737			1829			1925				2029			2130
Adwick		1733	1743			1833			1929				2033			2134
South Elmsall		1739	—			1839			1935				2039			2140
Fitzwilliam		1745	—			1845			1948				2045			2147
Sandal & Agbrigg		1751	—			1850			1953				2051			2153
Wakefield Westgate		1755	—	1800	1835	1855	1859	1932	1958	2002	2007	2038	2055	2100	2131	2157
Outwood		1800	—			1859			2002				2100			2202
Leeds	a	1814	—	1817	1852	1914	1917	1948	2017	2020	2023	2054	2114	2118	2149	2215

Notes: D Through train to or from Sheffield

L Through train from Lincoln and Sheffield

Mondays to Fridays

		GR	GR		GR
Doncaster	d	2143	2222	2226	2332
Bentley				2229	
Adwick				2233	
South Elmsall				2239	
Fitzwilliam				2245	
Sandal & Agbrigg				2251	
Wakefield Westgate		2208	2240	2255	2353
Outwood				2300	
Leeds	a	2223	2258	2314	0010



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Doncaster - Leeds

Saturdays

			D		D			GR			D	GR		L	GR	
Doncaster	d	0626	0655	0726	0734	0816	0826	0850	0854	0926	0934	0950	1026	1034	1050	1126
Bentley		0629	0658	0729	0737	0819	0829		0857	0929	0937		1029	1037		1129
Adwick		0633	0704	0733	0743	0823	0833		0904	0933	0943		1033	1043		1133
South Elmsall		0639	—	0739	—	—	0839		—	0939	—		1039	—		1139
Fitzwilliam		0644	—	0744	—	—	0845		—	0944	—		1045	—		1145
Sandal & Agbrigg		0650	—	0750	—	—	0850		—	0950	—		1049	—		1149
Wakefield Westgate		0654	—	0754	—	—	0855	0908	—	0954	—	1007	1055	—	1107	1155
Outwood		0659	—	0759	—	—	0859		—	0959	—		1058	—		1158
Leeds	a	0714	—	0814	—	—	0914	0924	—	1014	—	1024	1114	—	1125	1214

		L	GR		L	GR	GR		L	GR		L	GR		L	GR
Doncaster	d	1134	1150	1226	1234	1250	1313	1326	1334	1353	1426	1434	1450	1526	1534	1550
Bentley		1137	—	1229	1237	—	—	1329	1337	—	1429	1437	—	1529	1537	—
Adwick		1143	—	1233	1243	—	—	1333	1343	—	1433	1443	—	1533	1543	—
South Elmsall		—	—	1239	—	—	—	1339	—	—	1439	—	—	1539	—	—
Fitzwilliam		—	—	1245	—	—	—	1345	—	—	1445	—	—	1545	—	—
Sandal & Agbrigg		—	—	1249	—	—	—	1349	—	—	1449	—	—	1549	—	—
Wakefield Westgate		—	1207	1255	—	1307	1331	1355	—	1412	1455	—	1507	1555	—	1607
Outwood		—	—	1258	—	—	—	1358	—	—	1458	—	—	1558	—	—
Leeds	a	—	1225	1313	—	1325	1348	1414	—	1429	1514	—	1525	1613	—	1625

Notes: D Through train to or from Sheffield

L Through train from Lincoln and Sheffield

Saturdays

			L	GR		L	GR		GR	GR		GR	GR		GR	
Doncaster	d	1626	1634	1650	1726	1734	1750	1826	1850	1914	1922	1948	2012	2026	2117	2122
Bentley		1629	1637		1729	1737		1829			1925			2029		2125
Adwick		1633	1643		1733	1743		1833			1929			2033		2129
South Elmsall		1639	—		1739	—		1839			1935			2039		2135
Fitzwilliam		1644	—		1745	—		1844			1948			2044		2142
Sandal & Agbrigg		1649	—		1751	—		1850			1953			2050		2148
Wakefield Westgate		1654	—	1707	1755	—	1808	1854	1907	1933	1958	2006	2033	2054	2134	2153
Outwood		1659	—		1800	—		1857			2002			2059		2158
Leeds	a	1713	—	1725	1814	—	1825	1914	1924	1948	2017	2022	2047	2118	2151	2216

		GR		XC	GR
Doncaster	d	2218	2226	2253	2348
Bentley			2229		
Adwick			2233		
South Elmsall			2239		
Fitzwilliam			2244		
Sandal & Agbrigg			2250		
Wakefield Westgate		2235	2254	2311	0005
Outwood			2259		
Leeds	a	2253	2314	2327	0023

Notes: L Through train from Lincoln and Sheffield



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Doncaster - Leeds

Sundays

		GR		GR X	GR Y	GR		GR	GR		GR X	GR Y	GR		GR	
Doncaster	d	0912	1050	1112	1148	1152	1250	1312	1348	1450	1512	1550	1553	1657	1710	1750
Bentley		0915		1115				1315			1515				1713	
Adwick		0919		1119				1319			1519				1717	
South Elmsall		0925		1125				1325			1525				1723	
Fitzwilliam		0930		1130				1330			1530				1728	
Sandal & Agbrigg		0936		1136				1336			1536				1734	
Wakefield Westgate		0940	1108	1140	1206	1210	1308	1340	1406	1508	1540	1608	1611	1715	1738	1810
Outwood		0945		1145				1345			1545				1743	
Leeds	a	0959	1128	1159	1227	1227	1328	1359	1427	1528	1559	1627	1627	1731	1759	1829

		XC Z	GR X	GR	GR X		GR	GR	GR X	GR Y	GR X	GR X	GR Y		GR	GR
Doncaster	d	1816	1819	1847	1914	1927	1949	2019	2043	2052	2118	2148	2149	2152	2223	2336
Bentley						1930								2155		2336
Adwick						1934								2159		
South Elmsall						1941								2205		
Fitzwilliam						1947								2212		
Sandal & Agbrigg						1953								2218		
Wakefield Westgate		1835	1838	1905	1932	1957	2008	2037	2101	2110	2136	2206	2207	2223	2240	2356
Outwood						2002								2228		
Leeds	a	1851	1856	1926	1951	2016	2025	2052	2118	2127	2155	2224	2224	2244	2258	0013

Notes: X Until 10 February and from 31 March

Y 17 February to 24 March

Z Until 30 December and from 17 February

Leeds - Doncaster

Mondays to Fridays

	GR	EM	GR	GR	XC		GR	D	GR		GR	D		GR		
Leeds	d	0505	0525	0530	0605	0616	0619	0640	—	0715	0720	0740	—	—	0815	0820
Outwood							0628		—		0729		—	—		0829
Wakefield Westgate		0516	0538	0542	0617	0628	0633	0651	—	0726	0733	0751	—	—	0827	0833
Sandal & Agbrigg							0636		—		0736		—	—		0836
Fitzwilliam							0643		—		0744		—	—		0844
South Elmsall							0649		—		0749		—	—		0849
Adwick							0655		0729		0755		0815	0833		0855
Bentley							0659		0733		0759		0818	0837		0859
Doncaster	a	0533	0555	0601	0634	0644	0708	0709	0737	0745	0807	0809	0823	0841	0845	0907

	GR		GR		GR		GR		GR		GR		GR		GR	
		D				D				D				D		
Leeds	d	0845	—	0915	0920	0945	—	1015	1020	1045	—	1115	1120	1145	—	1215
Outwood			—		0929		—		1029		—		1129		—	
Wakefield Westgate		0856	—	0927	0933	0956	—	1027	1033	1056	—	1127	1133	1156	—	1227
Sandal & Agbrigg			—		0936		—		1036		—		1136		—	
Fitzwilliam			—		0944		—		1044		—		1144		—	
South Elmsall			—		0949		—		1049		—		1149		—	
Adwick			0915		0955		1015		1055		1115		1155		1215	
Bentley			0919		0959		1019		1059		1119		1159		1219	
Doncaster	a	0915	0924	0945	1007	1015	1024	1044	1107	1115	1124	1145	1207	1215	1225	1245

Notes: D Through train to or from Sheffield

Leeds - Doncaster

Mondays to Fridays

		GR		D	GR		GR		D	GR		GR		D	GR		GR		R
Leeds	d	1220	1245	—	1315	1320	1345	—	1415	1420	1445	—	1515	1520	1545	—			
Outwood		1229		—		1329		—		1429		—		1529		—			
Wakefield Westgate		1233	1256	—	1327	1333	1357	—	1427	1433	1456	—	1527	1533	1556	—			
Sandal & Agbrigg		1236		—		1336		—		1436		—		1536		—			
Fitzwilliam		1244		—		1344		—		1444		—		1544		—			
South Elmsall		1249		—		1349		—		1449		—		1549		—			
Adwick		1255		1315		1355		1415		1455		1515		1555		1615			
Bentley		1259		1318		1359		1419		1459		1519		1559		1619			
Doncaster	a	1307	1315	1326	1344	1407	1415	1424	1444	1507	1515	1524	1544	1607	1615	1624			

		GR		GR		GR		GR		GR		GR	GR		GR	
Leeds	d	1615	1620	1645	1657	1715	1720	1745	—	1815	1820	1845	1915	1919	1945	2020
Outwood			1629		1706		1729		—		1829			1928		2029
Wakefield Westgate		1627	1633	1656	1710	1727	1733	1756	—	1827	1833	1856	1927	1932	1956	2033
Sandal & Agbrigg			1636				1736		—		1836			1935		2036
Fitzwilliam			1644		1719		1744		—		1845			1944		2044
South Elmsall			1649		1725		1749		—		1849			1949		2049
Adwick			1655		1730		1755		1816		1855			1955		2055
Bentley			1659		1735		1759		1818		1859			1959		2059
Doncaster	a	1645	1707	1716	1745	1744	1807	1815	1827	1844	1907	1913	1944	2007	2016	2108

Notes: D Through train to or from Sheffield

R Through train to Sheffield and Retford

Mondays to Fridays

		GR		
Leeds	d	2045	2120	2240
Outwood			2129	2249
Wakefield Westgate		2056	2133	2253
Sandal & Agbrigg			2136	2256
Fitzwilliam			2144	2303
South Elmsall			2149	2308
Adwick			2155	2314
Bentley			2159	2318
Doncaster	a	2115	2207	2328

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Leeds - Doncaster

Saturdays

	GR	GR	XC		D	GR		GR	D	GR			GR	D	GR	
Leeds	d	0505	0605	0616	0620	—	0705	0720	0735	—	0805	—	0820	0840	—	0905
Outwood					0629	—		0729		—		—	0829		—	
Wakefield Westgate		0516	0617	0629	0633	—	0716	0734		—	0816	—	0833	0851	—	0917
Sandal & Agbrigg					0636	—		0737		—		—	0836		—	
Fitzwilliam					0644	—		0744		—		—	0844		—	
South Elmsall					0649	—		0749		—		—	0849		—	
Adwick					0655	0723		0755		0815		0833	0855		0915	
Bentley					0659	0727		0759		0819		0837	0859		0919	
Doncaster	a	0534	0634	0645	0707	0731	0735	0807	0808	0823	0834	0842	0907	0912	0924	0934

		D	GR		D	GR		D	GR		D	GR		D	GR	
Leeds	d	0920	—	1005	1020	—	1105	1120	—	1205	1220	—	1305	1320	—	1405
Outwood		0929	—		1029	—		1129	—		1229	—		1329	—	
Wakefield Westgate		0933	—	1016	1033	—	1116	1133	—	1216	1233	—	1316	1333	—	1416
Sandal & Agbrigg		0936	—		1036	—		1136	—		1236	—		1336	—	
Fitzwilliam		0944	—		1044	—		1144	—		1244	—		1344	—	
South Elmsall		0949	—		1049	—		1149	—		1249	—		1349	—	
Adwick		0955	1015		1055	1115		1155	1215		1255	1315		1355	1415	
Bentley		0959	1019		1059	1119		1159	1218		1259	1319		1359	1419	
Doncaster	a	1008	1024	1035	1107	1124	1135	1207	1224	1235	1307	1324	1335	1407	1424	1435

Notes: D Through train to or from Sheffield

Leeds - Doncaster

Saturdays

		GR		GR			GR		GR			GR		GR		
			D			R										
Leeds	d	1420	1440	—	1505	1520	—	1605	1620	1705	1720	—	1805	1820	1905	1920
Outwood		1429		—		1529	—		1629		1729	—		1829		1929
Wakefield Westgate		1433	1452	—	1517	1533	—	1617	1633	1717	1733	—	1816	1833	1916	1933
Sandal & Agbrigg		1436		—		1536	—		1636		1736	—		1836		1936
Fitzwilliam		1444		—		1544	—		1644		1744	—		1844		1944
South Elmsall		1449		—		1549	—		1649		1749	—		1849		1949
Adwick		1455		1515		1555	1615		1655		1755	1816		1855		1955
Bentley		1459		1519		1559	1618		1659		1759	1820		1859		1959
Doncaster	a	1507	1510	1524	1534	1607	1625	1635	1707	1735	1807	1827	1835	1907	1936	2007

		GR			
Leeds	d	2005	2020	2120	2216
Outwood			2029	2129	2225
Wakefield Westgate		2016	2033	2133	2230
Sandal & Agbrigg			2036	2136	2233
Fitzwilliam			2044	2144	2239
South Elmsall			2049	2149	2244
Adwick			2055	2155	2250
Bentley			2059	2159	2254
Doncaster	a	2034	2107	2207	2304

Notes: D Through train to or from Sheffield

R Through train to Sheffield and Retford

Leeds - Doncaster

Sundays

		GR	XC Z	GR	XC Z	GR		XC Z	GR	GR		GR	GR		GR	GR
Leeds	d	0805	0900	0905	1000	1005	1018	1100	1105	1205	1218	1305	1405	1418	1505	1615
Outwood							1028				1227			1427		
Wakefield Westgate		0816	0911	0917	1012	1016	1032	1112	1116	1216	1232	1316	1417	1432	1516	1627
Sandal & Agbrigg							1035				1235			1435		
Fitzwilliam							1042				1241			1441		
South Elmsall							1047				1246			1446		
Adwick							1053				1252			1452		
Bentley							1057				1256			1456		
Doncaster	a	0834	0931	0935	1028	1033	1105	1128	1134	1233	1304	1335	1434	1505	1533k	1644

			GR	GR X	GR	GR		GR	GR X	GR		GR	
Leeds	d	1618	1645	1715	1745	1815	1818	1845	1915	1945	2018	2045	2118
Outwood		1627					1827				2027		2127
Wakefield Westgate		1631	1656	1727	1757	1827	1832	1856	1926	1956	2032	2056	2131
Sandal & Agbrigg		1634					1835				2035		2134
Fitzwilliam		1641					1842				2041		2141
South Elmsall		1646					1847				2046		2146
Adwick		1652					1853				2052		2152
Bentley		1656					1857				2056		2156
Doncaster	a	1705	1717g	1745	1815	1844	1906	1917	1943	2016	2105	2113	2205

Notes: g 2 minutes earlier 17 February to 24 March k 2 minutes later 17 February to 24 March

X Until 10 February and from 31 March

Z Until 30 December and from 17 February

Sheffield - York via Swinton

Mondays to Saturdays

Sheffield	d	0929	1329
Meadowhall		0935	1335
Rotherham Central		0942	1341
Swinton		0951	1350
Moorthorpe		1001	1401
Pontefract Baghill		1010	1410
Sherburn-in-Elmet		1027	1428
Church Fenton		1031b	1431b
Ulleskelf		1036	1435b
York	a	1055	1455

Sundays

Sheffield	d	1636	1857
Meadowhall		1642	1905
Rotherham Central		1649	1911
Swinton		1657	1919
Moorthorpe		1713	1929
Pontefract Baghill		1721	1938
Sherburn-in-Elmet		1738	1955
Church Fenton		1742	2000
Ulleskelf			
York	a	1759	2018

Notes: **b** 1 minute later on Saturdays

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York - Sheffield via Swinton

Mondays to Saturdays

York	d	1105	1502
Ulleskelf		1115	1512
Church Fenton		1119	1516
Sherburn-in-Elmet		1123	1520
Pontefract Baghill		1143	1539
Moorthorpe		1159	1551
Swinton	a	1208	1600b
Rotherham Central		1218	1609
Meadowhall		1224	1617
Sheffield	a	1236	1627

Sundays

York	d	1810	2050
Ulleskelf			
Church Fenton		1821	2101
Sherburn-in-Elmet		1825	2105
Pontefract Baghill		1840	2120
Moorthorpe		1852	2136
Swinton	a	1901	2145
Rotherham Central		1912	2152
Meadowhall		1918	2157
Sheffield	a	1927	2209

Notes: **b** 1 minute later on Saturdays

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Sheffield - Derby - London

Monday to Fridays

		EM C	EM D	EM E	EM	EM A	EM	EM	EM	EM B	EM	EM	EM	EM	EM	EM
Sheffield	d	0529	0502	0526	0557	0627	0647	0727	0741	0732	0827	0847	0927	0935	1027	1047
Chesterfield	d	0541	0515	0538	0610	0639	0659	0739	0755	0745	0839	0859	0939	0947	1039	1059
Derby	a	0602	0559	0602	0629	0703	0719	0759	0814		0859	0919	0959	1016	1059	1119
Derby	d	0604	0604	0604	0632	0705	0720	0801	0816		0901	0920	1001	1020	1101	1120
Long Eaton	d				0643				0826			0930		1030		1130
East Mid Parkway	d	0617	0617	0617			0733		0832	0839		0935		1035		1135
Loughborough	d	0625	0625	0625	0652	0722	0741		0840			0942		1042		1142
Leicester	a	0637	0637	0637	0704	0734	0752	0823	0852	0857	0923	0954	1023	1054	1123	1154
St Pancras Int.	a	0807	0807	0807	0839	0855	0909	0934	1005	1016	1034	1104	1134	1204	1233	1304

		EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM
Sheffield	d	1127	1147	1227	1235	1327	1347	1427	1435	1527	1547	1627	1635	1727	1735	1827
Chesterfield	d	1139	1159	1239	1248	1339	1359	1439	1447	1539		1639	1650	1739	1750	1839
Derby	a	1159	1219	1259	1315	1359	1419	1459	1516	1559	1616	1659	1716	1759	1816	1859
Derby	d	1201	1220	1301	1320	1401	1420	1501	1520	1601	1618	1701	1718	1801	1818	1901
Long Eaton	d		1230		1330		1430		1530		1628		1728		1828	
East Mid Parkway	d		1235		1335		1435		1535		1632		1732		1832	
Loughborough	d		1242		1342		1442		1542		1640		1740		1840	
Leicester	a	1223	1253	1323	1354	1423	1453	1523	1553	1623	1651	1723	1752	1823	1851	1923
St Pancras Int.	a	1334	1404	1434	1503	1534	1604	1633	1705	1733	1808	1839	1906	1935	2004	2034

Notes: A From Leeds, Wakefield Westgate and Doncaster

B From Leeds and Wakefield Westgate

C Until 28 December 2012

D From 31 December 2012 until 22 March 2013

E From 25 March 2013

Sheffield - Derby - London

Mondays to Fridays

		EM	EM	EM F	EM G
Sheffield	d	1835	1927	2039	2039
Chesterfield	d	1847	1939	2053	2053
Derby	a	1914	1959	2118	2118
Derby	d	1918	2001	2120	2120
Long Eaton	d	1928			
East Mid Parkway	d	1932		2133	2133
Loughborough	d	1940		2141	2141
Leicester	a	1951	2023	2152	2152
St Pancras Int.	a	2102	2136	2305	2309

Notes: F Until 28 December 2012 and from 11 February 2013

G From 31 December 2012 until 8 February 2013

Don't let CRIME delay your journey!
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Sheffield - Derby - London

Saturdays

		EM C	EM D	EM	EM A	EM	EM A	EM	EM	EM	EM	EM	EM	EM	EM	
Sheffield	d	0500	0527	0625	0732	0727	0832	0827	0847	0927	0947	1027	1047	1127	1147	1227
Chesterfield	d	0512	0539	0637	0745	0739	0845	0839	0859	0939	0959	1039	1059	1139	1159	1239
Derby	a	0554	0559	0659		0759		0859	0919	0959	1019	1059	1119	1159	1219	1259
Derby	d	0601	0601	0701		0801		0901	0920	1001	1020	1101	1120	1201	1220	1301
Long Eaton	d								0930		1030		1130		1230	
East Mid Parkway	d				0839		0939		0935		1035		1135		1235	
Loughborough	d								0942		1042		1142		1242	
Leicester	a	0623	0623	0723	0855	0823	0957	0923	0954	1023	1054	1123	1154	1223	1254	1323
St Pancras Int.	a	0734	0734	0834	1012	0934	1113	1034	1105	1137	1205	1234	1305	1334	1405	1434

		EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM B	EM
Sheffield	d	1247	1327	1347	1427	1447	1527	1547	1627	1635	1727	1735	1827	1847	1927
Chesterfield	d	1259	1339	1359	1439	1459	1539	1559	1639	1647	1739	1751	1839		1939
Derby	a	1319	1359	1419	1459	1519	1559	1619	1659	1716	1759	1816	1859	1919	1959
Derby	d	1320	1401	1420	1501	1520	1601	1620	1701	1718	1801	1818	1901	1921	2001
Long Eaton	d	1330		1430		1530		1630		1728		1828		1931	
East Mid Parkway	d	1335		1435		1535		1635		1732		1832		1935	
Loughborough	d	1342		1442		1542		1642		1740		1840		1941	
Leicester	a	1354	1423	1454	1523	1554	1623	1654	1723	1751	1823	1851	1923	1954	2023
St Pancras Int.	a	1505	1534	1605	1634	1705	1734	1805	1834	1906	1934	2005	2034	2106	2134

Notes: A From Leeds and Wakefield Westgate

B From York and Doncaster

C From 5 January 2013

D Until 29 December 2012

Sheffield - Derby - London

Sundays until 30 December

		EM	EM	EM	EM A	EM A	EM	EM	EM	EM A	EM	EM	EM	EM B	EM	EM
Sheffield	d	0816	0917	1031	1036	1146	1246	1346	1500	1532	1600	1700	1800	1900	1930	2026
Chesterfield	d	0829	0929	1043	1051	1157	1258	1358	1512	1546	1612	1711	1813	1912	1943	2040
Derby	a	0848	0948	1102		1219	1317	1417	1531	1605	1631	1732	1833	1932	2003	2059
Derby	d	0850	0956	1104		1220	1319	1419	1533	1605	1633	1732	1834	1934	2004	2101
Long Eaton	d	0900	1006	1114			1329	1429	1543					1944	2015	
East Mid Parkway	d	0904	1011	1118	1143	1233	1333	1433	1547	1619	1644	1745	1846	1948	2020	2113
Loughborough	d	0912	1018	1126	1151	1241	1341	1441	1555	1628				1956	2028	
Leicester	a	0922	1029	1136	1203	1253	1352	1452	1605	1640	1658	1803	1900	2006	2040	2130
St Pancras Int.	a	1118	1213	1302	1336	1426	1518	1618	1718	1816	1807	1916	2010	2132	2213	2304

Sundays 6 January until 10 February

		EM	EM	EM A	EM	EM A	EM	EM	EM A	EM	EM	EM	EM	EM C	EM	EM
Sheffield	d	0808	0917	1036	1025	1135	1246	1346	1532	1500	1600	1700	1800	1900	1930	2026
Chesterfield	d	0821	0929	1051	1037	1146	1258	1358	1546	1512	1612	1711	1813	1912	1943	2040
Derby	a	0840	0948		1056	1208	1317	1417	1605	1531	1631	1732	1833	1932	2003	2059
Derby	d	0842	0951		1058	1215	1319	1419	1605	1533	1633	1732	1834	1934	2004	2101
Long Eaton	d	0852	1001		1108		1329	1429		1543				1944	2015	
East Mid Parkway	d	0857	1006	1143	1113	1228	1334	1433	1619	1547	1644	1745	1846	1948	2020	2113
Loughborough	d	0906	1018	1156	1126	1241	1346	1441	1628	1555				1956	2028	
Leicester	a	0922	1029	1208	1136	1253	1357	1452	1640	1605	1658	1803	1900	2006	2040	2130
St Pancras Int.	a	1118	1213	1342	1302	1426	1523	1618	1816	1718	1807	1916	2010	2132	2213	2304

Notes: A From Leeds and Wakefield Westgate

B From York and Doncaster

C From York

Sheffield - Derby - London

Sundays 17 February until 24 March

		EM	EM	EM	EM A	EM A	EM	EM	EM A	EM	EM	EM	EM	EM B	EM	EM
Sheffield	d	0810	0917	1025	1036	1129	1246	1346	1532	1500	1600	1700	1800	1900	1930	2026
Chesterfield	d	0823	0929	1037	1051	1140	1258	1358	1546	1512	1612	1711	1813	1912	1943	2040
Derby	a	0842	0948	1056		1202	1317	1417	1605	1531	1631	1732	1833	1932	2003	2059
Derby	d	0844	0950	1058		1205	1319	1419	1605	1533	1633	1732	1834	1934	2004	2101
Long Eaton	d	0854	1000	1108			1329	1429		1543				1944	2015	
East Mid Parkway	d	0858	1005	1112	1143	1218	1333	1433	1619	1547	1644	1745	1846	1948	2020	2113
Loughborough	d	0906	1012	1120	1151	1226	1341	1441	1628	1555				1956	2028	
Leicester	a	0922	1029	1136	1209	1245	1357	1452	1640	1605	1658	1803	1900	2006	2040	2130
St Pancras Int.	a	1118	1213	1302	1342	1426	1523	1618	1816	1718	1807	1916	2010	2132	2213	2304

Sundays 31 March until 12 May

		EM	EM	EM	EM A	EM A	EM	EM	EM A	EM	EM	EM	EM	EM B	EM	EM
Sheffield	d	0816	0917	1025	1036	1146	1246	1346	1532	1500	1600	1700	1800	1900	1930	2026
Chesterfield	d	0829	0929	1037	1051	1157	1258	1358	1546	1512	1612	1711	1813	1912	1943	2040
Derby	a	0848	0948	1056	1116	1219	1317	1417	1605	1531	1631	1732	1833	1932	2003	2059
Derby	d	0850	0956	1058	1123	1220	1319	1419	1605	1533	1633	1732	1834	1934	2004	2101
Long Eaton	d	0900	1006	1108			1329	1429		1543				1944	2015	
East Mid Parkway	d	0904	1011	1112	1135	1233	1333	1433	1619	1547	1644	1745	1846	1948	2020	2113
Loughborough	d	0912	1018	1120	1144	1241	1341	1441	1628	1555				1956	2028	
Leicester	a	0922	1029	1130	1156	1253	1352	1452	1640	1605	1658	1803	1900	2006	2040	2130
St Pancras Int.	a	1118	1213	1307	1339	1429	1518	1618	1816	1718	1807	1916	2010	2132	2213	2304

Notes: A From Leeds and Wakefield Westgate

B From York and Doncaster

London - Derby - Sheffield

Mondays to Fridays

		EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	
St Pancras Int.	d	0545	0637	0725	0755	0825	0855	0925	0955	1025	1055	1125	1155	1225	1255	1325
Leicester	d	0712	0757	0836	0904	0935	1004	1035	1104	1135	1204	1235	1304	1335	1404	1435
Loughborough	d	0724	0808	0846		0945		1045		1145		1245		1345		1445
East Mid Parkway	d	0731		0853		0952		1052		1152		1252		1352		1452
Long Eaton	a	0735		0858		0956		1055		1156		1255		1356		1456
Derby	a	0747	0823	0913	0926	1009	1026	1109	1126	1209	1226	1309	1326	1409	1426	1509
Derby	d	0749	0828	0918	0928	1018	1028	1118	1128	1218	1228	1318	1328	1418	1428	1515
Chesterfield	d	0808	0846	0936	0946	1036	1046	1136	1146	1236	1246	1336	1346	1436	1446	1533
Sheffield	a	0825	0904	0952	1000	1052	1102	1152	1204	1252	1304	1352	1400	1452	1503	1552

		EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM
St Pancras Int.	d	1355	1425	1455	1525	1555	1625	1655	1700	1755	1815	1825	1855	1930	1955	2055
Leicester	d	1504	1535	1604	1635	1704	1735	1804	1832	1904	1934	1945	2013	2054	2104	2204
Loughborough	d		1545		1645		1745		1843		1945	1956	2023	2104		
East Mid Parkway	d		1552		1652		1752		1849		1952		2030			
Long Eaton	a		1556		1656		1800		1855			2006				
Derby	a	1526	1609	1626	1709	1726	1813	1826	1909	1928		2019	2045		2131	2226
Derby	d	1528	1617	1628	1718	1728	1818	1828	1918	1928		2021	2048		2134	2228
Chesterfield	d	1546	1635	1646	1736	1746	1841	1846	1936	1946	2052	2040	2108	2220	2153	2246e
Sheffield	a	1600	1652	1704	1752	1802	1858	1901	1951	2003	2114	2056	2125	2237	2216	2303

Notes: A Continues to Wakefield Westgate and Leeds

e Arrives 2249 31 December until 22 March

B Until 22 March 2013

C From 25 March 2013

London - Derby - Sheffield

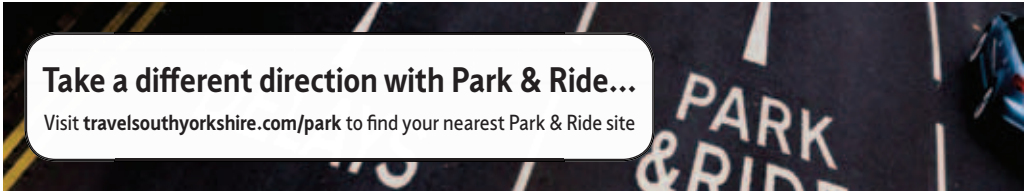
Mondays to Fridays

		EM C	EM D	EM E	EM C
St Pancras Int.	d	2055	2225	2225	2225
Leicester	d	2204	2355	2356	2355
Loughborough	d		0006	0007	0006
East Mid Parkway	d		0013	0015	0013
Long Eaton	a				
Derby	a	2226	0034	0035	0034
Derby	d	2233	0035	0037	0040
Chesterfield	d	2307	0058	0059	0116
Sheffield	a	2321	0113	0115	0136

Notes: C From 25 March 2013

D Until 8 February 2013

E From 11 February 2013 until 22 March 2013

An advertisement for the Park & Ride service. It features a dark background with a road surface. In the foreground, there's a white rounded rectangle containing text. To the right, a blue car is partially visible. The words 'PARK & RIDE' are painted in large white letters on the road surface.

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London - Derby - Sheffield

Saturdays

		EM	EM A	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	
St Pancras Int.	d	0610	0637	—	0755	0825	0855	0925	0955	1025	1055	1125	1155	1225	1255	1325
Leicester	d	0736	0755	0838	0904	0935	1004	1035	1104	1135	1204	1235	1304	1335	1404	1435
Loughborough	d	0747	0805	0849		0945		1045		1145		1245		1345		1445
East Mid Parkway	d		0812	0855		0952		1052		1152		1252		1352		1452
Long Eaton	a	0755		0900		0956		1056		1156		1256		1356		1456
Derby	a	0809	0826	0914	0926	1009	1026	1109	1126	1209	1226	1309	1326	1409	1426	1509
Derby	d	0818	0828	0918	0928	1018	1028	1118	1128	1218	1228	1318	1328	1418	1428	1518
Chesterfield	d	0836	0846	0936	0946	1036	1046	1136	1146	1236	1246	1336	1346	1436	1446	1536
Sheffield	a	0852	0907	0952	1000	1052	1100	1152	1201	1252	1304	1352	1400	1452	1500	1552

		EM	EM	EM	EM	EM	EM	EM	EM	EM	EM B	EM	EM	EM	EM
St Pancras Int.	d	1355	1425	1455	1525	1555	1625	1655	1725	1755	1815	1825	1855	1955	2055
Leicester	d	1504	1535	1604	1635	1704	1735	1804	1835	1904	1930	1935	2004	2106	2204
Loughborough	d		1545		1645		1745		1845			1945			
East Mid Parkway	d		1552		1652		1752		1852		1945	1952			
Long Eaton	a		1556		1656		1756		1856			1956			
Derby	a	1526	1609	1626	1709	1726	1809	1826	1909	1926		2009	2026	2132	2226
Derby	d	1528	1618	1628	1718	1728	1818	1828	1918	1928		2018	2028	2134	2228
Chesterfield	d	1546	1636	1646	1736	1746	1838	1846	1936	1946	2052	2036	2046	2155	2246
Sheffield	a	1600	1652	1700	1752	1804	1859	1904	1952	2000	2114	2054	2100	2215	2300

Notes: A Continues to Doncaster and York

B Continues to Wakefield Westgate and Leeds

London - Derby - Sheffield

Sundays until 30 December

		EM D	EM	EM	EM	EM	EM	EM A	EM	EM	EM	EM A	EM	EM A	EM
St Pancras Int.	d	—	0930	1030	1130	1240	1340	1440	1540	1635	1735	1835	1935	2040	2130
Leicester	d	1010	1106	1209	1309	1418	1518	1610	1710	1745	1843	1946	2046	2210	2254
Loughborough	d	1020	1117	1220	1320	1429	1529	1621	1721						2305
East Mid Parkway	d	1027	1123	1226	1326	1436	1536	1629	1729	1801	1856	2001	2101	2225	2316
Long Eaton	a	1031	1128	1231	1331	1442	1542	1633	1733						2324
Derby	a	1042	1139	1243	1342	1455	1555	1646	1746	1814	1908	2014	2114	2239	2335
Derby	d	1053	1150	1251	1350	1457	1556	1652	1750	1814	1910	2016	2116	2250	2336
Chesterfield	d	1112	1209	1312	1408	1517	1616	1712	1809	1835	1928	2035	2135	2309	2355
Sheffield	a	1128	1225	1328	1425	1533	1632	1728	1825	1851	1945	2051	2151	2328	0009

Sundays 6 January until 10 February

		EM B	EM	EM	EM	EM	EM	EM A	EM	EM	EM	EM A	EM	EM A	EM
St Pancras Int.	d	—	0930	1030	1130	1240	1340	1440	1540	1635	1735	1835	1935	2040	2130
Leicester	d	1010	1106	1209	1309	1418	1518	1610	1710	1745	1843	1946	2046	2210	2254
Loughborough	d	1020	1117	1220	1320	1429	1529	1621	1721						2305
East Mid Parkway	d	1031	1127	1230	1330	1436	1536	1629	1729	1801	1856	2001	2101	2225	2316
Long Eaton	a	1038	1134	1237	1337	1442	1542	1633	1733						2324
Derby	a	1049	1145	1248	1348	1455	1555	1646	1746	1814	1908	2014	2114	2239	2335
Derby	d	1053	1150	1253	1350	1457	1556	1652	1750	1814	1910	2016	2116	2250	2336
Chesterfield	d	1112	1209	1312	1408	1517	1616	1712	1809	1835	1928	2035	2135	2309	2355
Sheffield	a	1128	1225	1328	1425	1533	1632	1728	1829	1851	1945	2051	2151	2328	0009

Notes: A Continues to Wakefield Westgate and Leeds

B Continues to York

D Continues to Doncaster and York

London - Derby - Sheffield

Sundays 17 February until 24 March

		EM D	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM A	EM	EM	EM
St Pancras Int.	d	—	0930	1030	1030	1030	1030	1130	1240	1240	1340	1340	1440	1540	1635	1735
Leicester	d	1010	1108	1209	1209	1210	1218	1308	1418	1432	1518	1518	1610	1710	1745	1843
Loughborough	d	1025	1123	1220	1220	1226	1228	1325	1429	1443	1529	1529	1621	1721		
East Mid Parkway	d	1032	1130	1226	1230	1232	1235	1332	1436	1450	1536	1536	1629	1729	1801	1856
Long Eaton	a	1036	1134	1231	1237	1237	1239	1336	1442	1455	1542	1542	1633	1733		
Derby	a	1047	1145	1243	1248	1248	1250	1347	1455	1507	1555	1555	1646	1746	1814	1908
Derby	d	1053	1150	1253	1253	1253	1253	1350	1457	1515	1556	1556	1652	1750	1814	1910
Chesterfield	d	1112	1209	1312	1312	1312	1312	1408	1517	1534	1616	1616	1712	1809	1835	1928
Sheffield	a	1128	1224	1328	1328	1328	1328	1425	1533	1551	1632	1632	1728	1829	1851	1945

		EM A	EM	EM A	EM
St Pancras Int.	d	1835	1935	2040	2130
Leicester	d	1946	2046	2210	2254
Loughborough	d				2305
East Mid Parkway	d	2001	2101	2225	2316
Long Eaton	a				2324
Derby	a	2014	2114	2239	2335
Derby	d	2016	2116	2250	2336
Chesterfield	d	2035	2135	2309	2355
Sheffield	a	2051	2151	2328	0009

Notes: **A** Continues to Wakefield Westgate and Leeds

D Continues to Doncaster and York

London - Derby - Sheffield

Sundays 31 March until 12 May

		EM D	EM	EM	EM	EM	EM	EM A	EM	EM	EM	EM A	EM	EM A	EM
St Pancras Int.	d	—	0930	1030	1130	1240	1340	1440	1540	1635	1735	1835	1935	2040	2130
Leicester	d	1010	1106	1218	1309	1432	1518	1610	1710	1745	1843	1946	2046	2210	2254
Loughborough	d	1020	1117	1228	1320	1443	1529	1621	1721						2305
East Mid Parkway	d	1027	1123	1235	1326	1450	1536	1629	1729	1801	1856	2001	2101	2225	2316
Long Eaton	a	1031	1128	1239	1331	1455	1542	1633	1733						2324
Derby	a	1042	1139	1250	1342	1507	1555	1646	1746	1814	1908	2014	2114	2239	2335
Derby	d	1053	1150	1253	1350	1515	1556	1652	1750	1814	1910	2016	2116	2250	2336
Chesterfield	d	1112	1209	1312	1408	1534	1616	1712	1809	1835	1928	2035	2135	2309	2355
Sheffield	a	1128	1225	1328	1425	1551	1632	1728	1829	1851	1945	2051	2151	2328	0009

Notes: A Continues to Wakefield Westgate and Leeds

D Continues to Doncaster and York

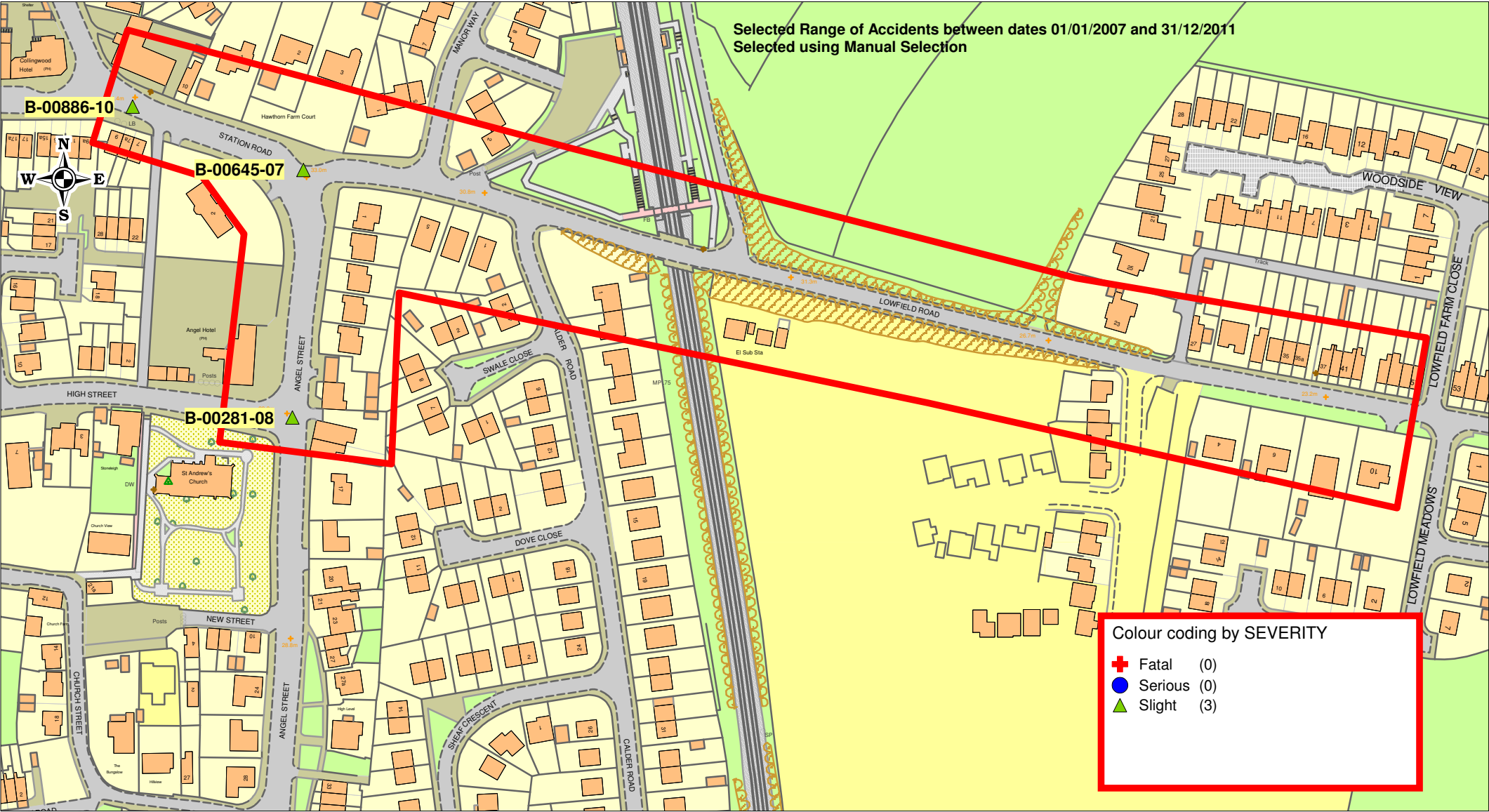
Search for **Travel South Yorkshire** on social media sites.



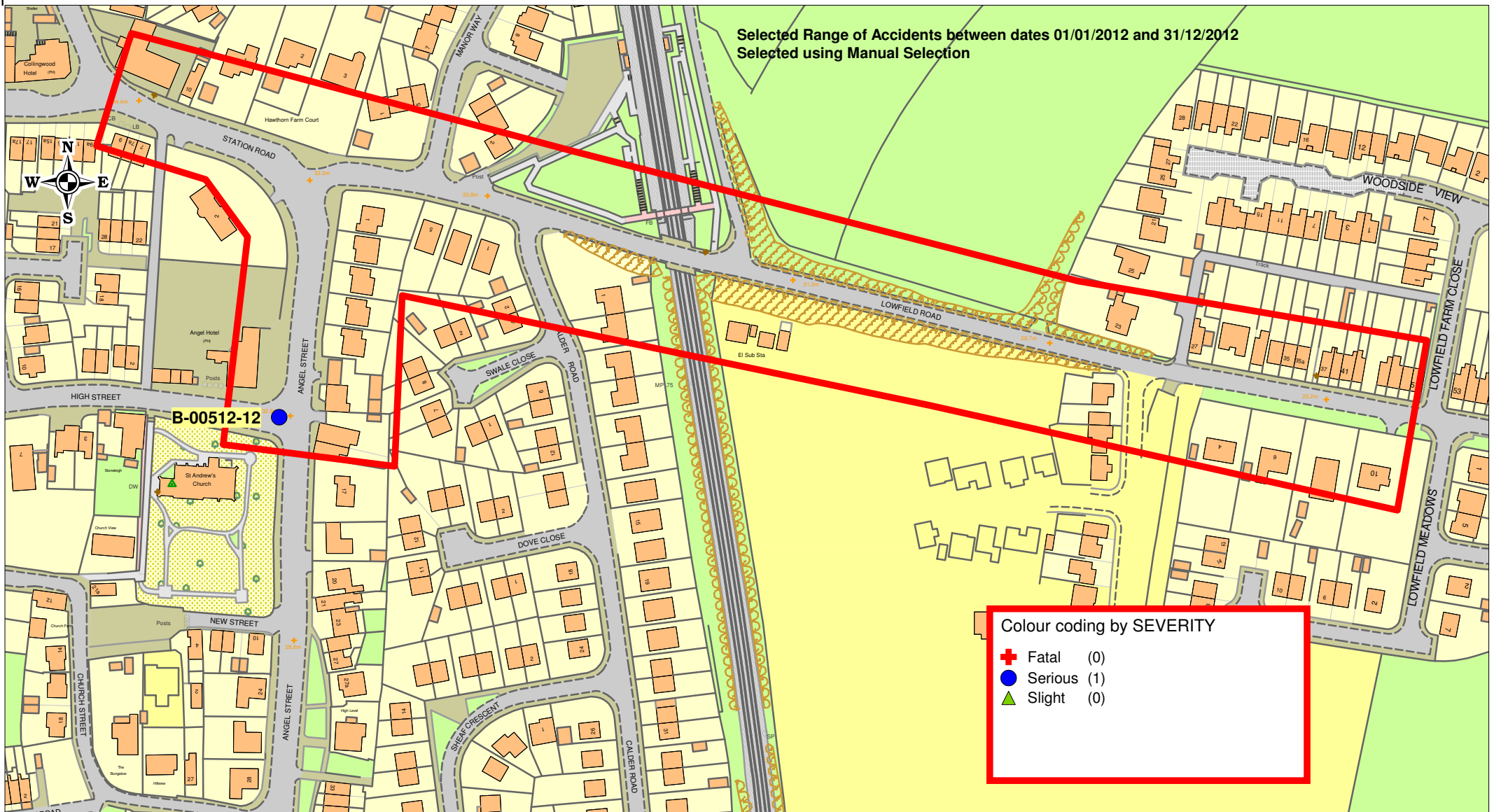
'Follow' us on Twitter for bus, tram and train disruptions, or 'like' us on Facebook for updates on competitions and offers.



Appendix 9



SCALE	1 : 1930
DATE	18/03/2013
DRWG No.	
DRN BY	



Accidents between dates 01/01/2007 and 31/12/2011 (60) months
 Selection: Notes:
 Selected using Build Query : local_auth=210 Robbie Donaldson - BGH

Police Ref.	Date	Cas.	Sev.	Cycs	Peds	Ch	OAPs	Vis.	Manv.	Road Cond.	Time	Location
B-00645-07	14/05/2007	1	Slight	0	0	1	0	Light	No turn	Wet/Damp	1930	STATION RD BOLTON UPON DEARNE AT J/W ANGEL ST
B-00281-08	01/03/2008	3	Slight	0	0	0	0	Light	Left	Dry	1615	ANGEL ST BOLTON UPON DEARNE
B-00886-10	24/08/2010	1	Slight	1	0	0	0	Light	No turn	Dry	1615	STATION RD BOLTON ON DEARNE
Column Totals		5		1	0	1	0					
No. of Accidents				1	0	1	0					
Total number of accidents listed:		3										

Accidents between dates 01/01/2012 and 31/12/2012 (12) months

Selection: Notes:

Selected using Build Query : local_auth=210

Police Ref.	Date	Cas.	Sev.	Cycs	Peds	Ch	OAPs	Vis.	Manv.	Road Cond.	Time	Location
B-00512-12	05/06/2012	1	Serious	0	0	0	1	Light	Right	Dry	1313	HIGH ST BOLTON UPON DEARNE AT J/W ANGEL ST

Column Totals	1	0	0	0	1
---------------	---	---	---	---	---

No. of Accidents	0	0	0	1
------------------	---	---	---	---

Total number of accidents listed: 1

AccsMap - Accident Analysis System

Accidents between dates 01/01/2007 and 31/12/2011 (60) months

Selection:

Notes:

Selected using Build Query : local_auth=210

Robbie Donaldson - BGH

B-00645-07 14/05/2007 Monday Time:1930 Vehicles 1 Casualties 1 Slight

Easting: 445,625 Northing: 402,638

Fine without high winds Road Surface:Wet/Damp Daylight:street lights present

Road Type: Single carriageway Speed Limit: 30

Location: STATION RD BOLTON UPON DEARNE AT J/W ANGEL ST

Description:VEH TR AROUND BEND WHEN CAR DOOR FLEW OPEN AND CHILD FELL FROM VEH.

Vehicle Reference1 Car Going ahead right hand bend

First point of impact:Did not impact

Vehicle direction: N to S

Journey: Other/Not known

Age of Driver : 56

Breath test:Not applicable

Contributory Factors : 999

Casualty Reference 1 Age:7 Female Passenger Severity:Slight

Ped Dir: Ped Movement :

Ped Location:

AccsMap - Accident Analysis System

Accidents between dates 01/01/2007 and 31/12/2011 (60) months

Selection:

Notes:

Selected using Build Query : local_auth=210

Robbie Donaldson - BGH

B-00281-08 01/03/2008 Saturday Time:1615 Vehicles 2 Casualties 3 Slight
 Easting: 445,621 Northing: 402,548
 Fine without high winds Road Surface:Dry Daylight:street lights present
 Road Type: Single carriageway Speed Limit: 30

Location: ANGEL ST BOLTON UPON DEARNE

Description:V1 TV ALONG B6098, DRIVER WAS SLOWING DUE TO TEMPORARY TRAFFIC
 LIGHTS WHEN V2 EXITED JCT & COLL WITH V1.

Vehicle Reference1 Car Slowing or Stopping
 First point of impact:Nearside
 Vehicle direction: N to S Journey: Other/Not known
 Age of Driver : 48 Breath test:Not applicable

Contributory Factors : 706 406 405

Casualty Reference 1 Age:48 Female Driver/rider Severity:Slight
 Ped Dir: Ped Movement :
 Ped Location:

Casualty Reference 2 Age:16 Female Passenger Severity:Slight
 Ped Dir: Ped Movement :
 Ped Location:

Casualty Reference 3 Age:19 Female Passenger Severity:Slight
 Ped Dir: Ped Movement :
 Ped Location:

Vehicle Reference2 Car Turning left
 First point of impact:Front
 Vehicle direction: E to S Journey: Other/Not known
 Age of Driver : Breath test:Not applicable

Contributory Factors : 706 406 405

AccsMap - Accident Analysis System

Accidents between dates 01/01/2007 and 31/12/2011 (60) months

Selection:

Notes:

Selected using Build Query : local_auth=210

Robbie Donaldson - BGH

B-00886-10 24/08/2010 Tuesday Time:1615 Vehicles 2 Casualties 1 Slight
Easting: 445,563 Northing: 402,661
Fine without high winds Road Surface:Dry Daylight:street lights present
Road Type: Single carriageway Speed Limit: 30

Location: STATION RD BOLTON ON DEARNE

Description:V1 HAS SWERVED AND COLL WITH V1 (PED CYC) KNOCKING HIM OFF BIKE.

Vehicle Reference1 Car

Going ahead

First point of impact:Offside

Vehicle direction: S to N

Journey: Other/Not known

Age of Driver :

Breath test:Not applicable

Contributory Factors : 601 409 808

Vehicle Reference2 Pedal cycle

Overtaking moving vehicle on its offside

First point of impact:Nearside

Vehicle direction: S to N

Journey: Other/Not known

Age of Driver : 28

Breath test:Not applicable

Contributory Factors : 601 409 808

Casualty Reference 1 Age:28 Male Driver/rider Severity:Slight

Ped Dir:Pedestrian Dir Ped Movement : Not pedestrian

Ped Location:

AccsMap - Accident Analysis System

Accidents between dates 01/01/2007 and 31/12/2011 (60) months

Selection:

Selected using Build Query : local_auth=210

Notes:

Robbie Donaldson - BGH

Accidents involving:

	Fatal	Serious	Slight	Total
Motor vehicles only excluding 2-wheels	0	0	2	2
2-wheeled motor vehicles	0	0	0	0
Pedal cycles	0	0	1	1
Horses & other	0	0	0	0
Total	0	0	3	3

Casualties:

	Fatal	Serious	Slight	Total
Vehicle driver	0	0	1	1
Passenger	0	0	3	3
Motorcycle rider	0	0	0	0
Cyclist	0	0	1	1
Pedestrian	0	0	0	0
Other	0	0	0	0
Total	0	0	5	5

AccsMap - Accident Analysis System

Accidents between dates 01/01/2012 and 31/12/2012 (12) months
Selection: Notes:
Selected using Build Query : local_auth=210

B-00512-12 05/06/2012 Tuesday Time:1313 Vehicles 2 Casualties 1 Serious
Easting: 445,615 Northing: 402,549
Fine without high winds Road Surface:Dry Daylight:street lights present
Road Type: Single carriageway Speed Limit: 30

Location: HIGH ST BOLTON UPON DEARNE AT J/W ANGEL ST
Description:VI EMERGED FROM JCT INTO PATH OF V2 AND COLL OCC.

Vehicle Reference1 Car Turning right
First point of impact:Offside
Vehicle direction: W to S Journey: Other/Not known
Age of Driver : 44 Breath test:Negative

Contributory Factors : 405 403

Vehicle Reference2 Motorcycle over 50cc and up to 60cc Going ahead
First point of impact:Front
Vehicle direction: S to N Journey: Other/Not known
Age of Driver : 60 Breath test:Negative

Contributory Factors : 405 403

Casualty Reference 1 Age:60 Male Driver/rider Severity:Serious
Ped Dir:Pedestrian Dir Ped Movement : Not pedestrian
Ped Location:

AccsMap - Accident Analysis System

Accidents between dates 01/01/2012 and 31/12/2012 (12) months

Selection:

Notes:

Selected using Build Query : local_auth=210

Accidents involving:

	Fatal	Serious	Slight	Total
Motor vehicles only excluding 2-wheels	0	0	0	0
2-wheeled motor vehicles	0	1	0	1
Pedal cycles	0	0	0	0
Horses & other	0	0	0	0
Total	0	1	0	1

Casualties:

	Fatal	Serious	Slight	Total
Vehicle driver	0	0	0	0
Passenger	0	0	0	0
Motorcycle rider	0	1	0	1
Cyclist	0	0	0	0
Pedestrian	0	0	0	0
Other	0	0	0	0
Total	0	1	0	1

Accidents between dates 01/01/2007 and 31/12/2011 (60) months

Selection: Notes:
Selected using Build Query : local_auth=210 Robbie Donaldson - BGH

Police Ref.	Acc Class	Date	Time	Grid References	Casualties			Causation Factors/ Prob	Ped		Light	Weather	Road Surface	Vehicle Types	
					Ftl	Ser	Slt		L	MD					
B-00645-07	Slight	14/05/2007	1930	445625 402638	0	0	1	999V1A	0	0	0	Light	Fine without high winds	Wet/Damp	9
B-00281-08	Slight	01/03/2008	1615	445621 402548	0	0	3	706V2B 406V2B 405V2A	0	0	0	Light	Fine without high winds	Dry	9 9
B-00886-10	Slight	24/08/2010	1615	445563 402661	0	0	1	601V1A 409V1A 808V1A	0	0	0	Light	Fine without high winds	Dry	1 9

Column Totals

No. of Accidents

Total number of accidents listed: 3

Accidents between dates 01/01/2012 and 31/12/2012 (12) months

Selection: Notes:

Selected using Build Query : local_auth=210

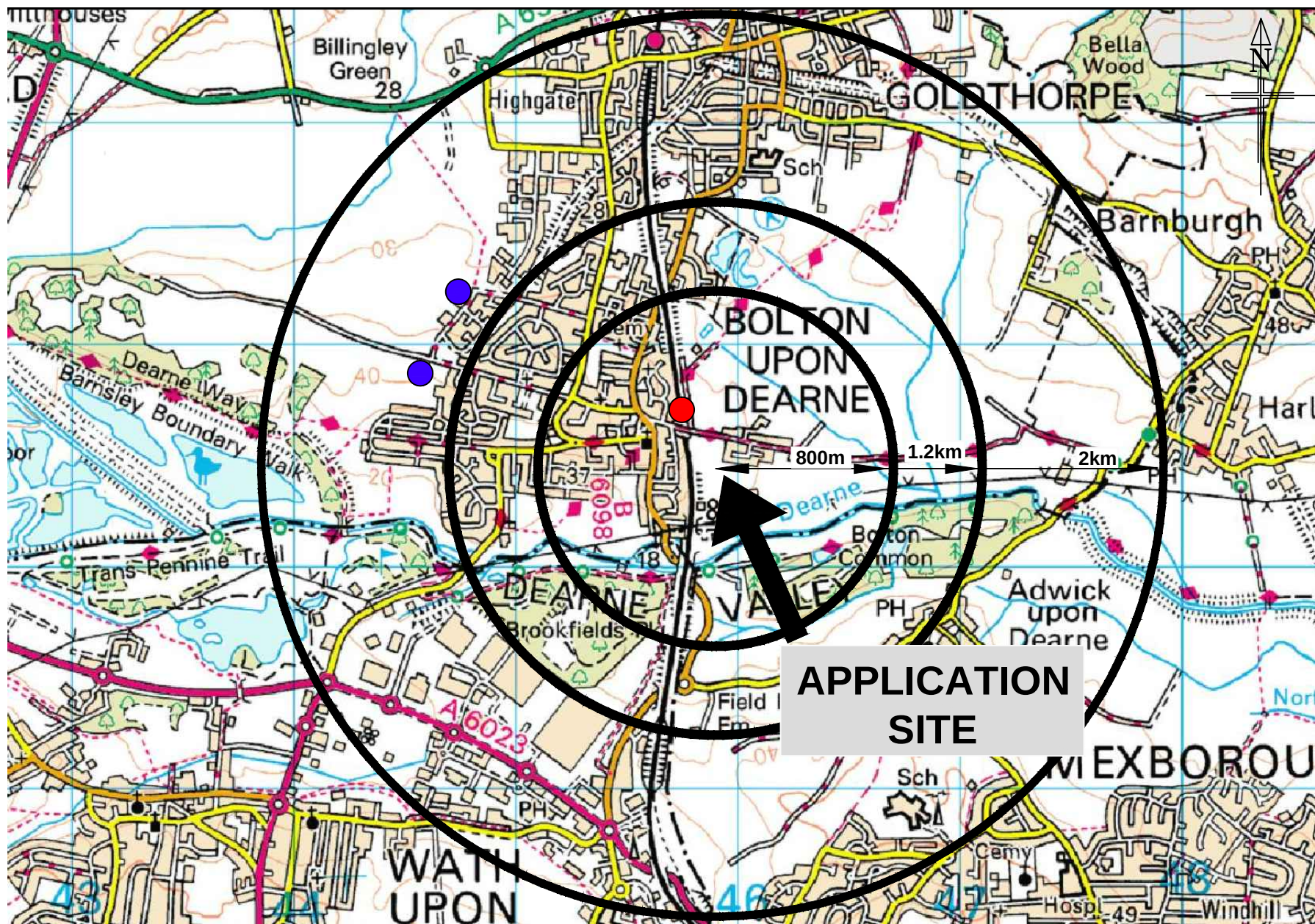
Police Ref.	Acc Class	Date	Time	Grid References	Casualties			Causation Factors/ Prob	Ped		Light	Weather	Road Surface	Vehicle Types	
					Ftl	Ser	Slt		L	MD					
B-00512-12	Serious	05/06/2012	1313	445615 402549	0	1	0	405V1A 403V1A	0	0	0	Light	Fine without high winds	Dry	3 9

Column Totals

No. of Accidents

Total number of accidents listed: 1

Appendix 10



KEY:

Bolton Upon
Dearne Railway
Station



Primary School



**APPLICATION
SITE**

Client

GLEESON REGENERATION AND HOMES

Project

BOLTON UPON DEARNE
SOUTH YORKSHIRE

Title

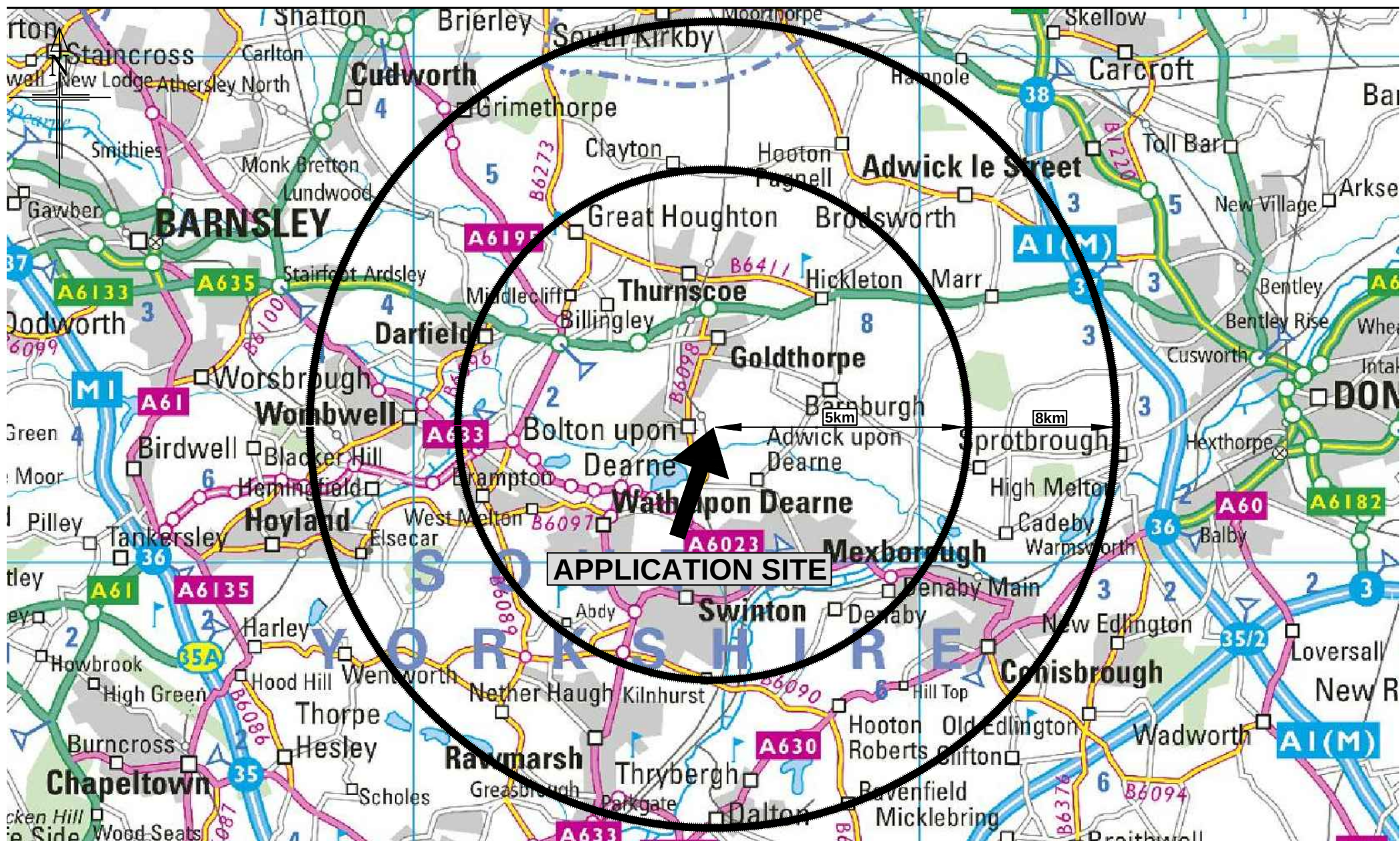
WALKING ISOCHRONES
SHOWN AT 800M, 1.2KM AND 2KM DISTANCES

BRYAN • G • HALL
consulting civil & transportation planning engineers

Bryan G Hall Ltd.
Suite 8C Joseph's Well
Hanover Walk
Leeds
LS3 7AB
Tel: +44(0)113 246 1555
Fax: +44(0)113 234 2201
http://www.bryanghall.co.uk

Rev	Amendments	Drawn	Chkd	Appr	Date
Scale	1:25,000 @ A4	Date	MARCH 2013	Doc Sheet No	
Drawn	RD	Checked	AM	Approved	DJP
Job No	13-141	Drawing No	APPENDIX 10	Rev	—

Appendix 11

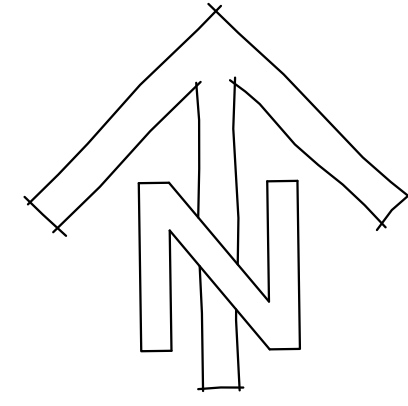


lient GLEESON REGENERATION AND HOMES		Project BOLTON UPON DEARNE SOUTH YORKSHIRE						
			Rev	Amendments	Drawn	Chkd	Appr	Date
BRYAN • G • HALL consulting civil & transportation planning engineers Bryan G Hall Ltd. Suite 8C, Joseph's Well Hanover Walk Leeds LS3 7AB Tel: +44(0)113 246 1555 Fax: +44(0)113 234 2201 http://www.bryanghall.co.uk		Scale	1:100,000 @ A4	Date	MARCH 2013		Doc Sheet No	
		Drawn	RD	Checked	AM		Approved DJP	
		Job No	13-141		Drawing No	APPENDIX 11		Rev

Appendix 12

- NOT FOR USE ON SITE -
PROVISIONAL LAYOUT DRAWING, SUBJECT TO
PLANNING APPROVAL

- Existing tree to be removed
- Existing tree to be retained and protected during construction to British Standard BS371991.
- Areas of new tree planting see schedule for species
- New shrubs / ground cover planting
- Grass to front garden
- Paving slab access paths to level threshold for principle entrance. Gradient not to exceed 1 in 12 for maximum 9.00m length
- Private drives
- 1.80m high screen wall
- S.W. boarded vertical screen fence 1.80m high (100 x 22mm boards with 22mm gaps, 3 No. 75 x 58mm rails, 100 x 100mm posts @ 1.875m centres).
- As above, height reduced to 1.20m
- Plot division fence, post & wire
- House type code reference number
- Plot number
- Material code reference refer to schedule
- Garages location.
- Parking bays
- Proposed floor levels subject to a tolerance of $\pm 0.05m$



HOUSE TYPE

code	type	no
201	2 bed semi det/ terr	9
202	2 bed semi det	8
301	3 bed semi det	14
302	3 bed semi det	9
303	3 bed semi det	2
304	3 bed detached	5
309	3 bed semi det	13
310	3 bed detached	2
400	4 bed detached	2
403	4 bed detached	3
406	4 bed detached	2

TOTAL 69


Richard Ward Design

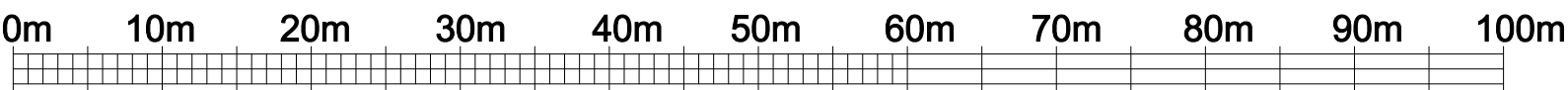
Chartered Architectural Technologist
Architectural Design & Development Consultant
Richard S. Ward
M.C.I.A.T.
Telephone 01604 410943
2. Burtram Close
Weston Favell
Northampton NN3 3PH

LOWFIELD ROAD
BOLTON ON DEARNE 2

planning layout

GLEESON
HOMES & REGENERATION

Scale	1:500 at A1
Date	02.11.12
Dwg No	373/2-



Appendix 13

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

Calculation Factor: 1 DWELLS

Count Type: VEHICLES

Time Range	ARRIVALS			DEPARTURES			TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	
00:00-01:00		0	0	0	0	0	0	0	0	
01:00-02:00		0	0	0	0	0	0	0	0	
02:00-03:00		0	0	0	0	0	0	0	0	
03:00-04:00		0	0	0	0	0	0	0	0	
04:00-05:00		0	0	0	0	0	0	0	0	
05:00-06:00		0	0	0	0	0	0	0	0	
06:00-07:00		0	0	0	0	0	0	0	0	
07:00-08:00		35	94	0.073	35	94	0.274	35	94	0.347
08:00-09:00		35	94	0.153	35	94	0.405	35	94	0.558
09:00-10:00		35	94	0.181	35	94	0.223	35	94	0.404
10:00-11:00		35	94	0.158	35	94	0.195	35	94	0.353
11:00-12:00		35	94	0.194	35	94	0.19	35	94	0.384
12:00-13:00		35	94	0.201	35	94	0.187	35	94	0.388
13:00-14:00		35	94	0.183	35	94	0.172	35	94	0.355
14:00-15:00		35	94	0.194	35	94	0.198	35	94	0.392
15:00-16:00		35	94	0.278	35	94	0.216	35	94	0.494
16:00-17:00		35	94	0.326	35	94	0.194	35	94	0.52
17:00-18:00		35	94	0.4	35	94	0.236	35	94	0.636
18:00-19:00		35	94	0.275	35	94	0.226	35	94	0.501
19:00-20:00		0	0	0	0	0	0	0	0	0
20:00-21:00		0	0	0	0	0	0	0	0	0
21:00-22:00		0	0	0	0	0	0	0	0	0
22:00-23:00		0	0	0	0	0	0	0	0	0
23:00-24:00		0	0	0	0	0	0	0	0	0
Daily Trip Rates:			2.616			2.716			5.332	

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

Calculation Factor: 1 DWELLS

Count Type: CYCLISTS

Time Range	No. Days	ARRIVALS			DEPARTURES			TOTALS		
		Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	
00:00-01:00		0	0	0	0	0	0	0	0	0
01:00-02:00		0	0	0	0	0	0	0	0	0
02:00-03:00		0	0	0	0	0	0	0	0	0
03:00-04:00		0	0	0	0	0	0	0	0	0
04:00-05:00		0	0	0	0	0	0	0	0	0
05:00-06:00		0	0	0	0	0	0	0	0	0
06:00-07:00		0	0	0	0	0	0	0	0	0
07:00-08:00		35	94	0.007	35	94	0.011	35	94	0.018
08:00-09:00		35	94	0.005	35	94	0.016	35	94	0.021
09:00-10:00		35	94	0.003	35	94	0.003	35	94	0.006
10:00-11:00		35	94	0.002	35	94	0.005	35	94	0.007
11:00-12:00		35	94	0.005	35	94	0.003	35	94	0.008
12:00-13:00		35	94	0.005	35	94	0.005	35	94	0.01
13:00-14:00		35	94	0.004	35	94	0.004	35	94	0.008
14:00-15:00		35	94	0.002	35	94	0.003	35	94	0.005
15:00-16:00		35	94	0.015	35	94	0.008	35	94	0.023
16:00-17:00		35	94	0.013	35	94	0.012	35	94	0.025
17:00-18:00		35	94	0.012	35	94	0.009	35	94	0.021
18:00-19:00		35	94	0.01	35	94	0.006	35	94	0.016
19:00-20:00		0	0	0	0	0	0	0	0	0
20:00-21:00		0	0	0	0	0	0	0	0	0
21:00-22:00		0	0	0	0	0	0	0	0	0
22:00-23:00		0	0	0	0	0	0	0	0	0
23:00-24:00		0	0	0	0	0	0	0	0	0
Daily Trip Rates:				0.083			0.085			0.168

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

Calculation Factor: 1 DWELLS

Count Type: VEHICLE OCCUPANTS

Time Range	No. Days	ARRIVALS			DEPARTURES			TOTALS		
		Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	
00:00-01:00		0	0	0	0	0	0	0	0	0
01:00-02:00		0	0	0	0	0	0	0	0	0
02:00-03:00		0	0	0	0	0	0	0	0	0
03:00-04:00		0	0	0	0	0	0	0	0	0
04:00-05:00		0	0	0	0	0	0	0	0	0
05:00-06:00		0	0	0	0	0	0	0	0	0
06:00-07:00		0	0	0	0	0	0	0	0	0
07:00-08:00		35	94	0.08	35	94	0.322	35	94	0.402
08:00-09:00		35	94	0.188	35	94	0.592	35	94	0.78
09:00-10:00		35	94	0.208	35	94	0.279	35	94	0.487
10:00-11:00		35	94	0.196	35	94	0.248	35	94	0.444
11:00-12:00		35	94	0.238	35	94	0.233	35	94	0.471
12:00-13:00		35	94	0.243	35	94	0.238	35	94	0.481
13:00-14:00		35	94	0.23	35	94	0.216	35	94	0.446
14:00-15:00		35	94	0.245	35	94	0.252	35	94	0.497
15:00-16:00		35	94	0.429	35	94	0.282	35	94	0.711
16:00-17:00		35	94	0.435	35	94	0.269	35	94	0.704
17:00-18:00		35	94	0.522	35	94	0.314	35	94	0.836
18:00-19:00		35	94	0.366	35	94	0.321	35	94	0.687
19:00-20:00		0	0	0	0	0	0	0	0	0
20:00-21:00		0	0	0	0	0	0	0	0	0
21:00-22:00		0	0	0	0	0	0	0	0	0
22:00-23:00		0	0	0	0	0	0	0	0	0
23:00-24:00		0	0	0	0	0	0	0	0	0
Daily Trip Rates:				3.38			3.566			6.946

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

Calculation Factor: 1 DWELLS

Count Type: PEDESTRIANS

Time Range	No. Days	ARRIVALS			DEPARTURES			TOTALS		
		Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	
00:00-01:00		0	0	0	0	0	0	0	0	0
01:00-02:00		0	0	0	0	0	0	0	0	0
02:00-03:00		0	0	0	0	0	0	0	0	0
03:00-04:00		0	0	0	0	0	0	0	0	0
04:00-05:00		0	0	0	0	0	0	0	0	0
05:00-06:00		0	0	0	0	0	0	0	0	0
06:00-07:00		0	0	0	0	0	0	0	0	0
07:00-08:00		35	94	0.024	35	94	0.047	35	94	0.071
08:00-09:00		35	94	0.035	35	94	0.176	35	94	0.211
09:00-10:00		35	94	0.038	35	94	0.059	35	94	0.097
10:00-11:00		35	94	0.035	35	94	0.044	35	94	0.079
11:00-12:00		35	94	0.046	35	94	0.045	35	94	0.091
12:00-13:00		35	94	0.046	35	94	0.036	35	94	0.082
13:00-14:00		35	94	0.04	35	94	0.037	35	94	0.077
14:00-15:00		35	94	0.044	35	94	0.041	35	94	0.085
15:00-16:00		35	94	0.151	35	94	0.067	35	94	0.218
16:00-17:00		35	94	0.076	35	94	0.048	35	94	0.124
17:00-18:00		35	94	0.068	35	94	0.043	35	94	0.111
18:00-19:00		35	94	0.05	35	94	0.046	35	94	0.096
19:00-20:00		0	0	0	0	0	0	0	0	0
20:00-21:00		0	0	0	0	0	0	0	0	0
21:00-22:00		0	0	0	0	0	0	0	0	0
22:00-23:00		0	0	0	0	0	0	0	0	0
23:00-24:00		0	0	0	0	0	0	0	0	0
Daily Trip Rates:				0.653			0.689			1.342

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

Calculation Factor: 1 DWELLS

Count Type: PUBLIC TRANSPORT USERS

Time Range	No. Days	ARRIVALS			DEPARTURES			TOTALS		
		Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	
00:00-01:00		0	0	0	0	0	0	0	0	0
01:00-02:00		0	0	0	0	0	0	0	0	0
02:00-03:00		0	0	0	0	0	0	0	0	0
03:00-04:00		0	0	0	0	0	0	0	0	0
04:00-05:00		0	0	0	0	0	0	0	0	0
05:00-06:00		0	0	0	0	0	0	0	0	0
06:00-07:00		0	0	0	0	0	0	0	0	0
07:00-08:00		35	94	0.001	35	94	0.009	35	94	0.01
08:00-09:00		35	94	0.007	35	94	0.021	35	94	0.028
09:00-10:00		35	94	0.005	35	94	0.007	35	94	0.012
10:00-11:00		35	94	0.004	35	94	0.007	35	94	0.011
11:00-12:00		35	94	0.006	35	94	0.007	35	94	0.013
12:00-13:00		35	94	0.005	35	94	0.007	35	94	0.012
13:00-14:00		35	94	0.005	35	94	0.002	35	94	0.007
14:00-15:00		35	94	0.004	35	94	0.003	35	94	0.007
15:00-16:00		35	94	0.014	35	94	0.009	35	94	0.023
16:00-17:00		35	94	0.015	35	94	0.003	35	94	0.018
17:00-18:00		35	94	0.014	35	94	0.004	35	94	0.018
18:00-19:00		35	94	0.007	35	94	0.003	35	94	0.01
19:00-20:00		0	0	0	0	0	0	0	0	0
20:00-21:00		0	0	0	0	0	0	0	0	0
21:00-22:00		0	0	0	0	0	0	0	0	0
22:00-23:00		0	0	0	0	0	0	0	0	0
23:00-24:00		0	0	0	0	0	0	0	0	0
Daily Trip Rates:				0.087			0.082			0.169

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

Calculation Factor: 1 DWELLS

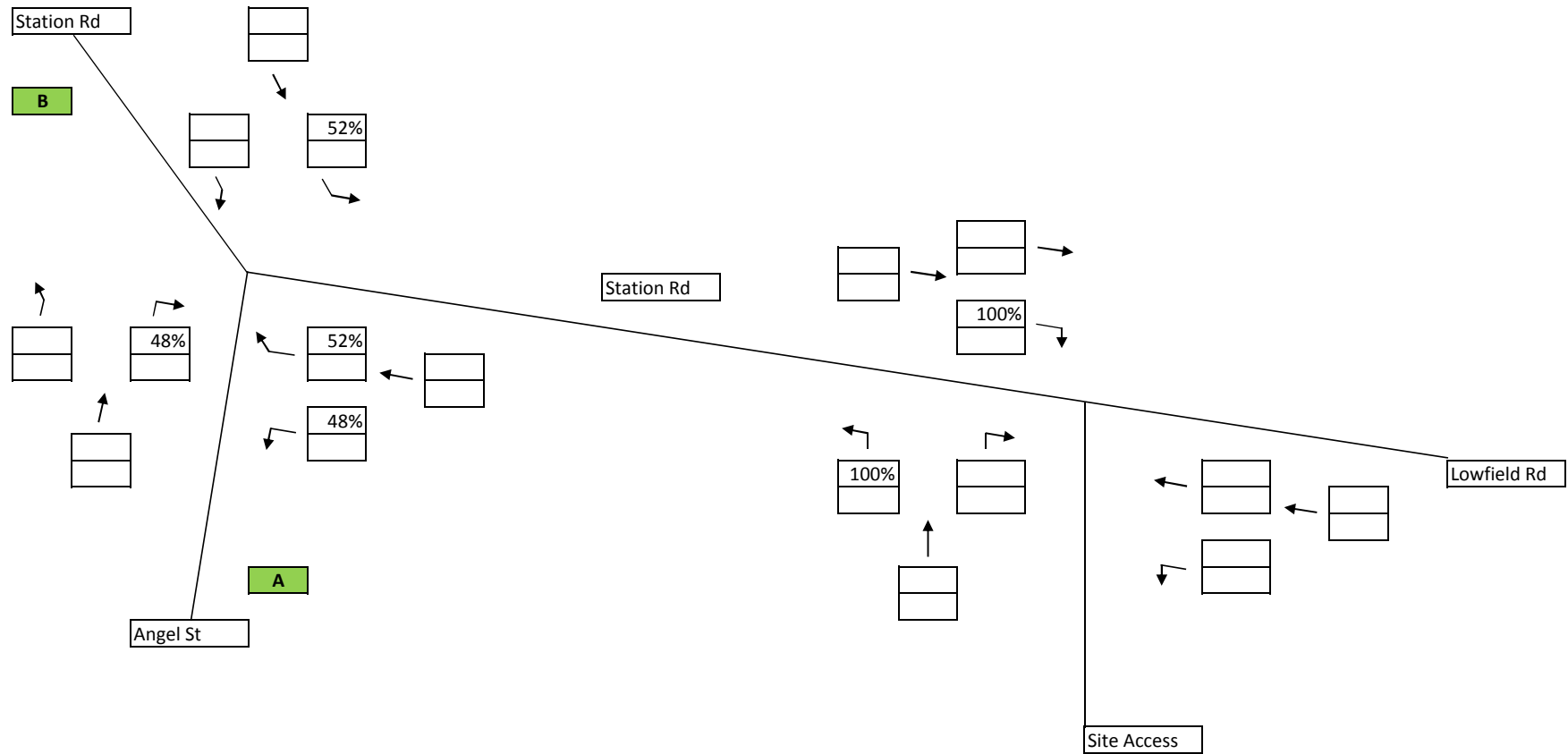
Count Type: TOTAL PEOPLE

Time Range	No. Days	ARRIVALS			DEPARTURES			TOTALS		
		Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	
00:00-01:00		0	0	0	0	0	0	0	0	0
01:00-02:00		0	0	0	0	0	0	0	0	0
02:00-03:00		0	0	0	0	0	0	0	0	0
03:00-04:00		0	0	0	0	0	0	0	0	0
04:00-05:00		0	0	0	0	0	0	0	0	0
05:00-06:00		0	0	0	0	0	0	0	0	0
06:00-07:00		0	0	0	0	0	0	0	0	0
07:00-08:00		35	94	0.112	35	94	0.389	35	94	0.501
08:00-09:00		35	94	0.236	35	94	0.805	35	94	1.041
09:00-10:00		35	94	0.255	35	94	0.347	35	94	0.602
10:00-11:00		35	94	0.237	35	94	0.305	35	94	0.542
11:00-12:00		35	94	0.294	35	94	0.288	35	94	0.582
12:00-13:00		35	94	0.299	35	94	0.285	35	94	0.584
13:00-14:00		35	94	0.279	35	94	0.258	35	94	0.537
14:00-15:00		35	94	0.296	35	94	0.299	35	94	0.595
15:00-16:00		35	94	0.609	35	94	0.367	35	94	0.976
16:00-17:00		35	94	0.539	35	94	0.333	35	94	0.872
17:00-18:00		35	94	0.615	35	94	0.371	35	94	0.986
18:00-19:00		35	94	0.433	35	94	0.376	35	94	0.809
19:00-20:00		0	0	0	0	0	0	0	0	0
20:00-21:00		0	0	0	0	0	0	0	0	0
21:00-22:00		0	0	0	0	0	0	0	0	0
22:00-23:00		0	0	0	0	0	0	0	0	0
23:00-24:00		0	0	0	0	0	0	0	0	0
Daily Trip Rates:			4.204			4.423			8.627	

Appendix 14

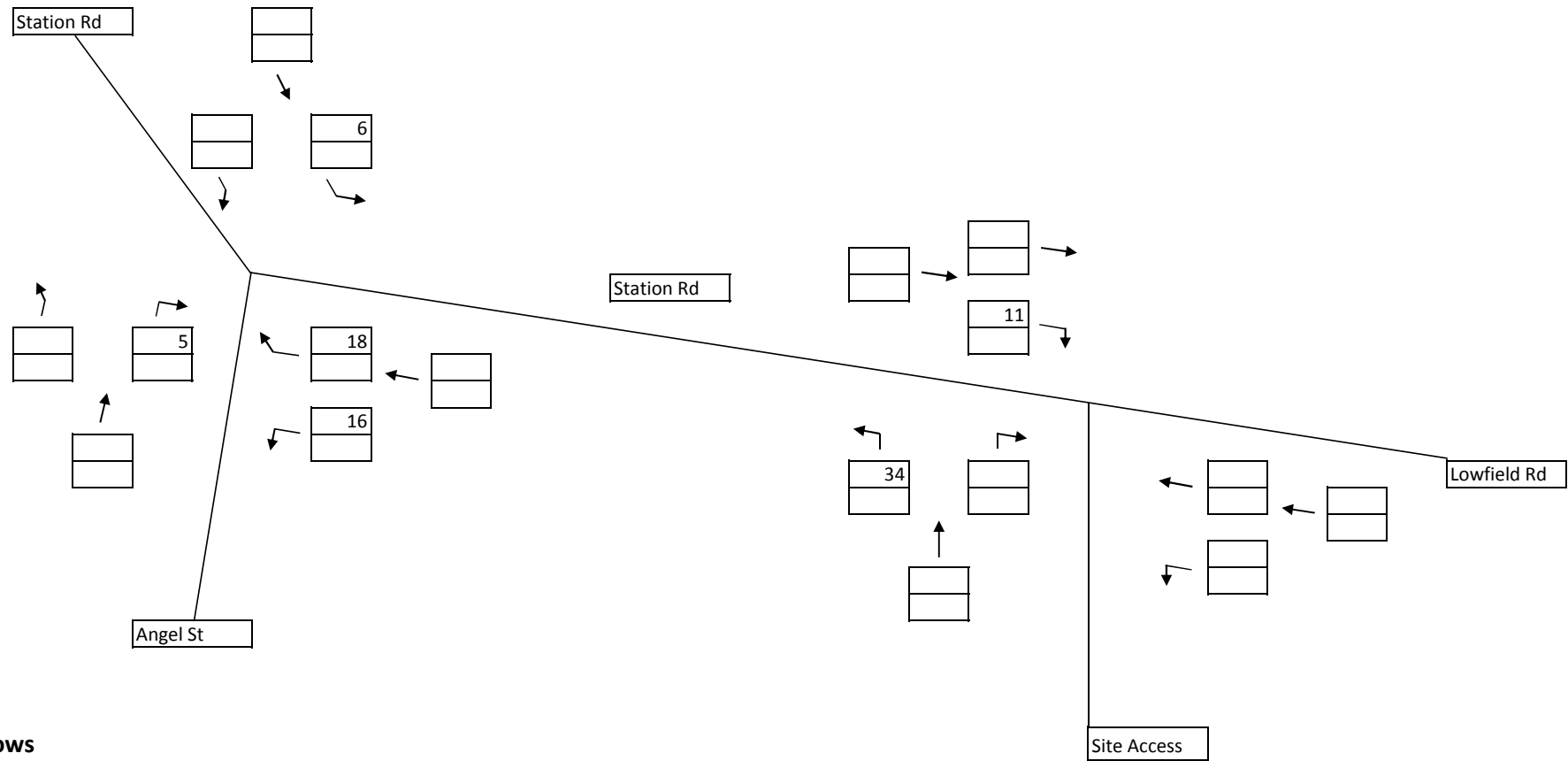
Area of Workplace	Total Working in Ward	%age Working in Ward
00CCFH : Dearne South	401	18%
00CCFY : Wath	177	8%
00CCFJ : Dearne Thurnscoe	109	5%
00CCFD : Central	89	4%
00CEFN : Mexborough	79	4%
00CCFW : Wombwell North	60	3%
00CCFH : Central	60	3%
00CEFH : Central	47	2%
00CGFH : Darnall	45	2%
00CCFU : Swinton	43	2%
00CEFP : Richmond	41	2%
00CEFX : Wheatley	41	2%
00CCFE : Brampton, Melton and Wentworth	35	2%
00CCFA : Ardsley	33	1%
00CCFC : Boston	33	1%
00CCFS : Rawmarsh West	30	1%
00CEFW : Town Field	29	1%
00CCFX : Wombwell South	24	1%
00CCFK : Dodworth	22	1%
00CCFN : Monk Bretton	21	1%
00CCFU : South West	21	1%
00CGFE : Burngreave	21	1%
00DBFN : South Elmsall	21	1%
00CCFF : Darfield	20	1%
00CCFD : Bramley, Ravenfield and Wickersley	19	1%
00CCFP : Maltby	19	1%
00CGFX : Netherthorpe	18	1%
00CCFT : Royston	17	1%
00CEFD : Balby	16	1%
00CCFL : Herringthorpe	16	1%
00DAFH : City and Holbeck	16	1%
00CEFT : Stainforth	15	1%
00DBFP : South Kirkby	15	1%
00CCFL : Hoyland East	14	1%

**TRAFFIC DISTRIBUTION
BOLTON UPON DEARNE**



Appendix 15

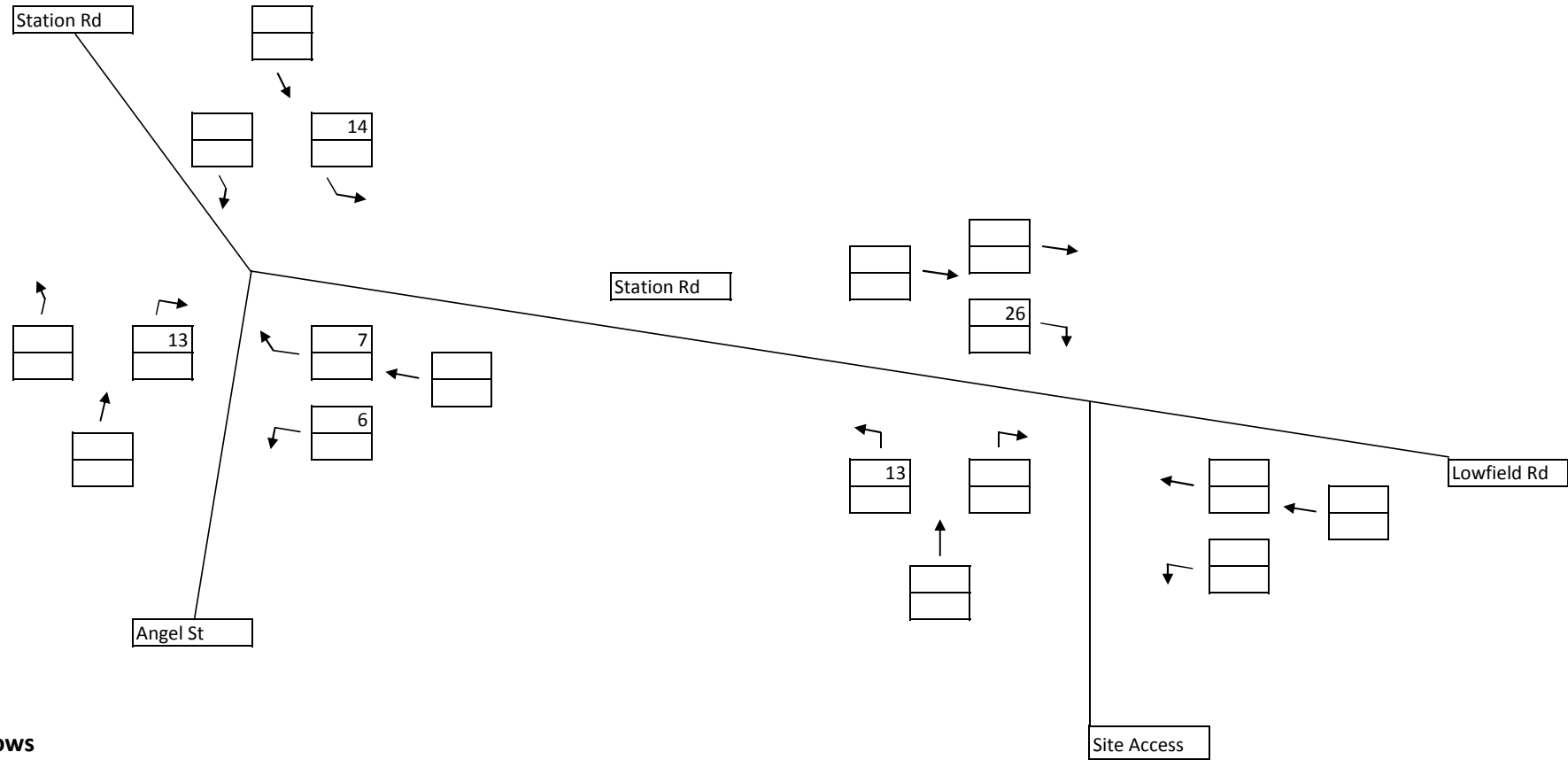
DEVELOPMENT GENERATED FLOWS
BOLTON UPON DEARNE
8:00 am - 9:00 am
AM PEAK



Traffic Flows

	Total Vehicles
	Total HGVs

DEVELOPMENT GENERATED FLOWS
BOLTON UPON DEARNE
17:00 pm - 18:00 pm
PM PEAK

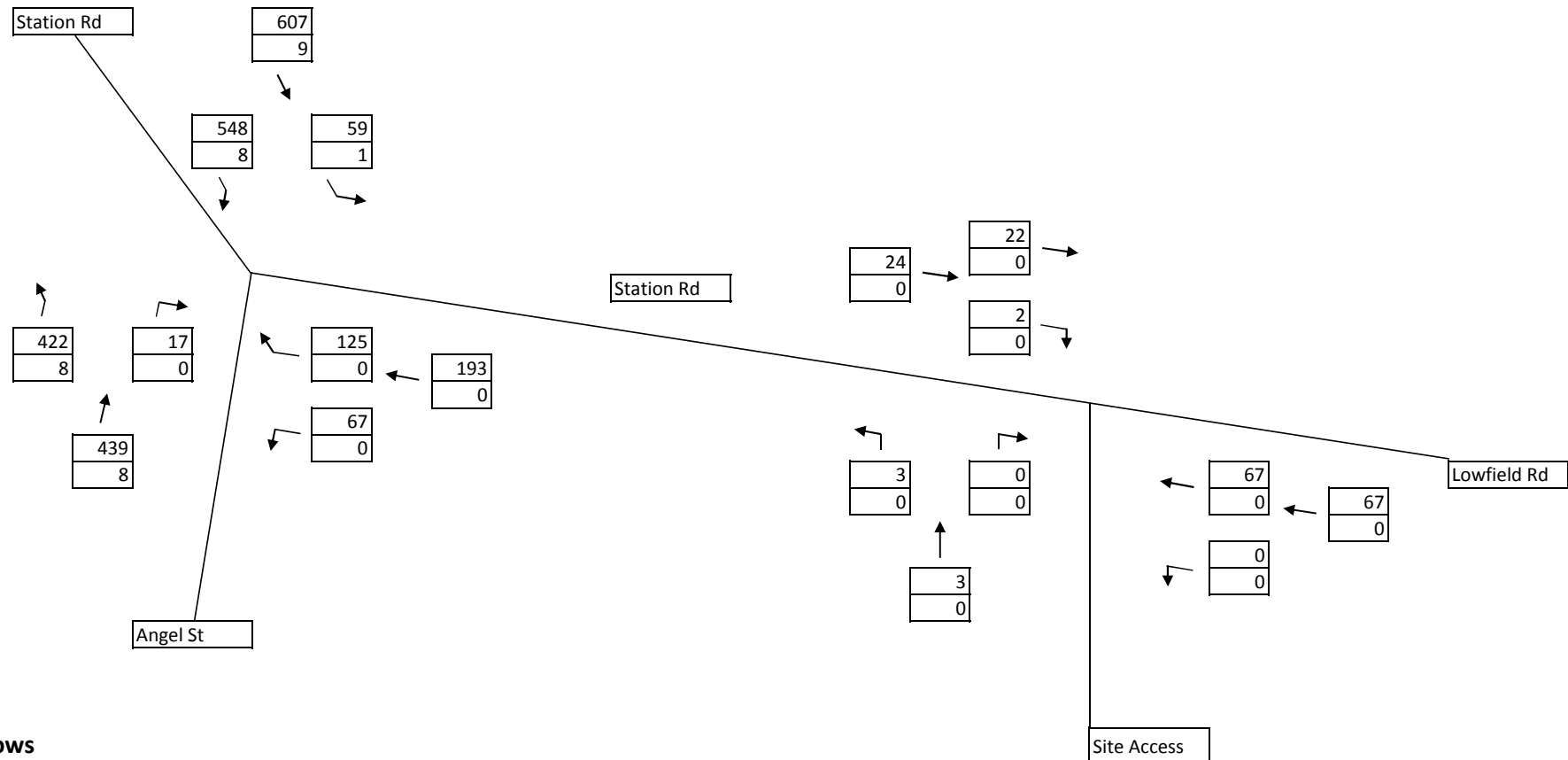


Traffic Flows

	Total Vehicles
	Total HGVs

Appendix 16

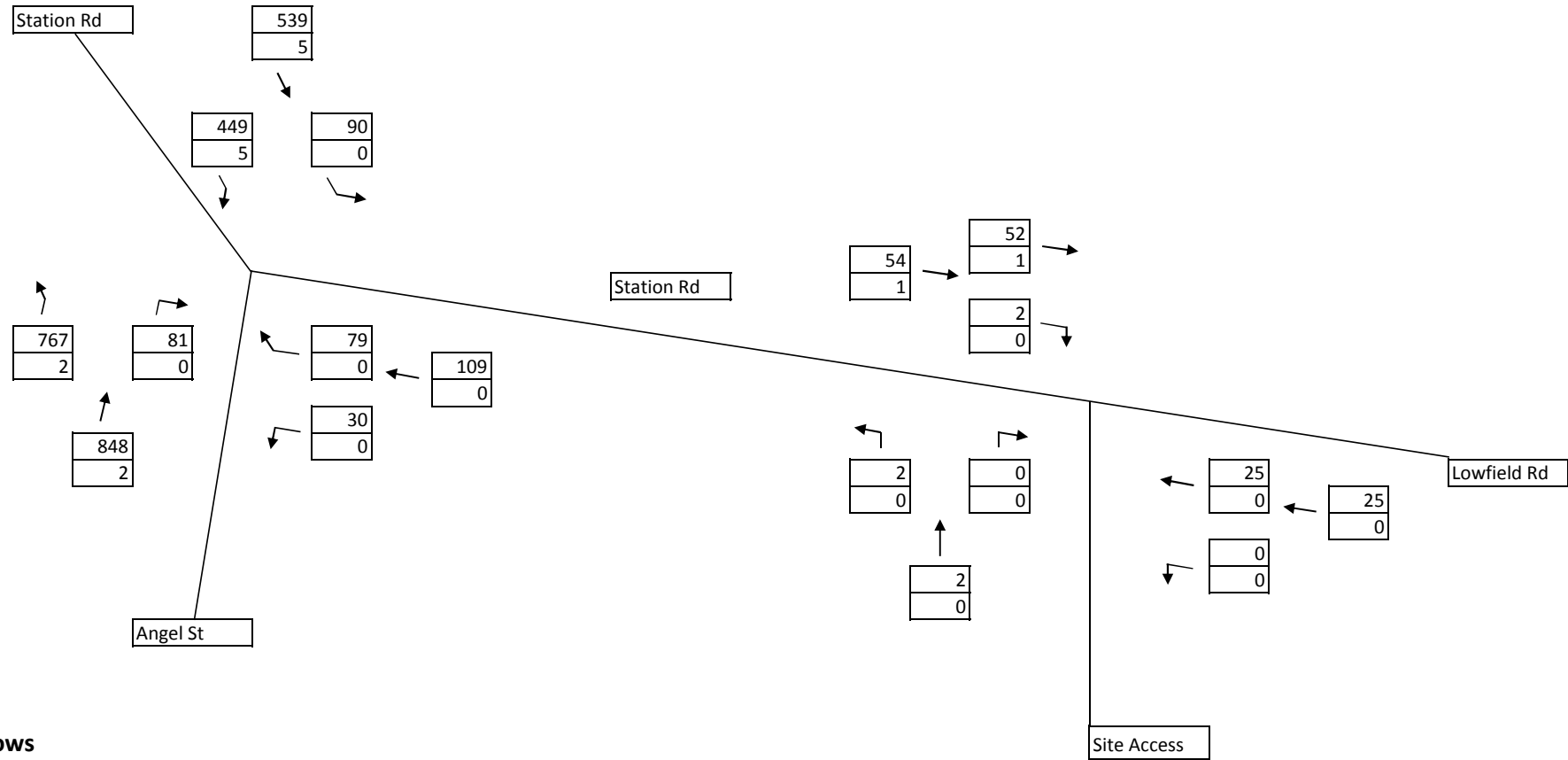
GROWTHED 2017 FLOWS
BOLTON UPON DEARNE
8:00 am - 9:00 am
AM PEAK



Traffic Flows

	Total Vehicles
	Total HGVs

GROWTHED 2017 FLOWS
BOLTON UPON DEARNE
5:00 pm - 6:00 pm
PM PEAK



Traffic Flows

	Total Vehicles
	Total HGVs

Appendix 17

Growth Factors

2013 - 2017 AM Peak

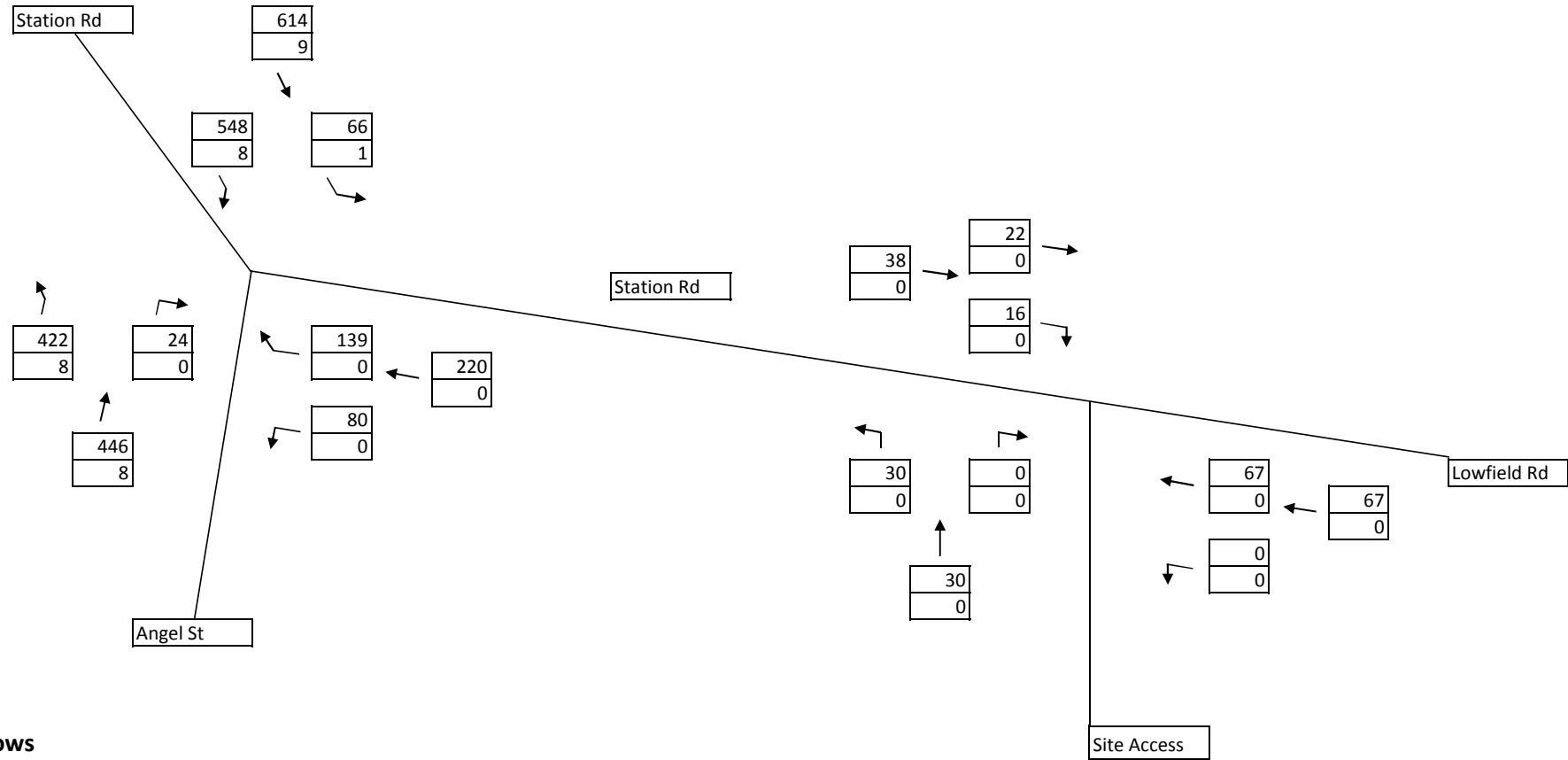
Level	Area	Local Growth Figure
00CC10	Dearne	1.053315051

2013 - 2017 PM Peak

Level	Area	Local Growth Figure
00CC10	Dearne	1.056168071

Appendix 18

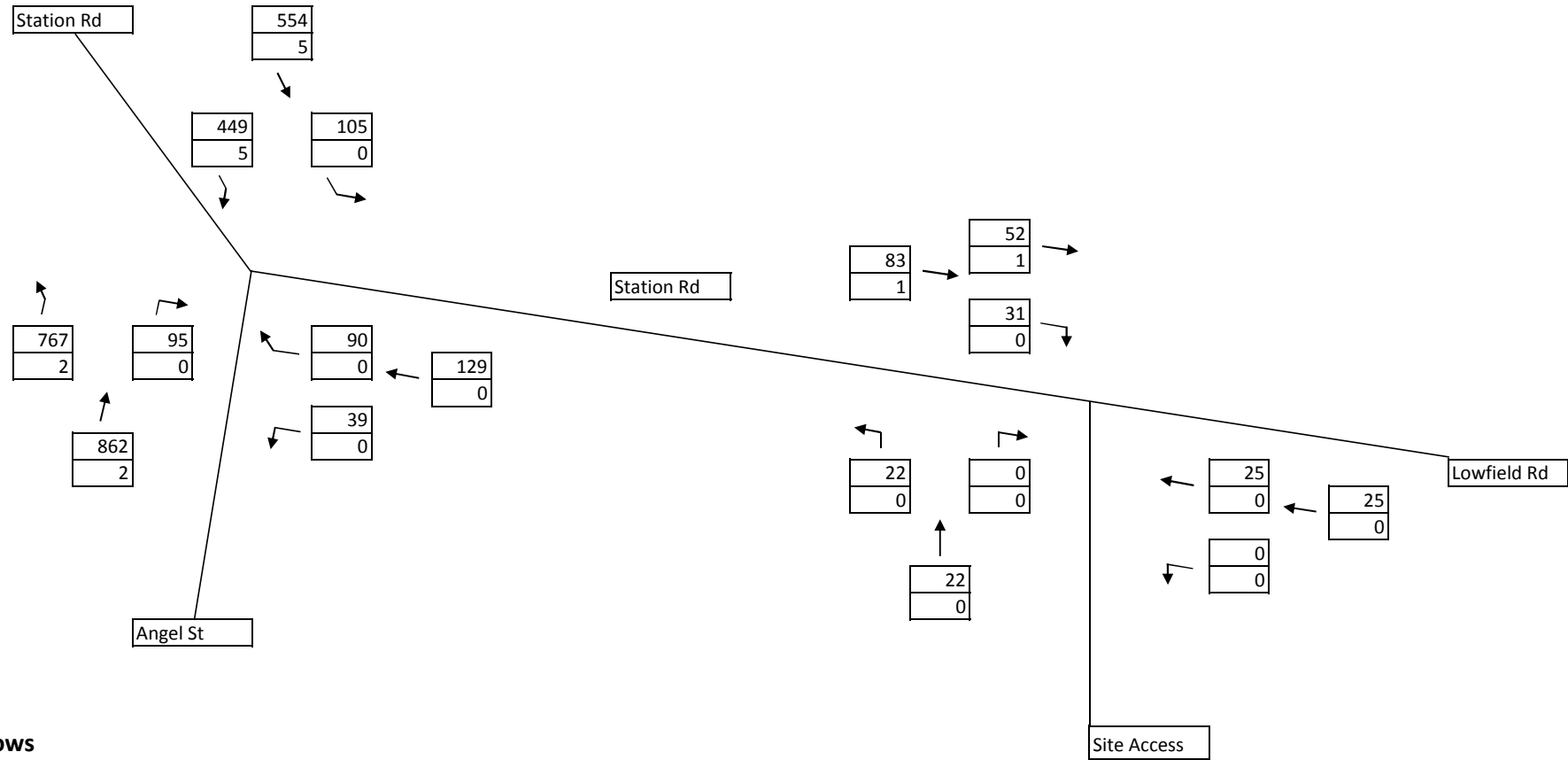
BASE 2017 FLOWS
BOLTON UPON DEARNE
8:00 am - 9:00 am
AM PEAK



Traffic Flows

	Total Vehicles
	Total HGVs

BASE 2017 FLOWS
BOLTON UPON DEARNE
5:00 pm - 6:00 pm
PM PEAK

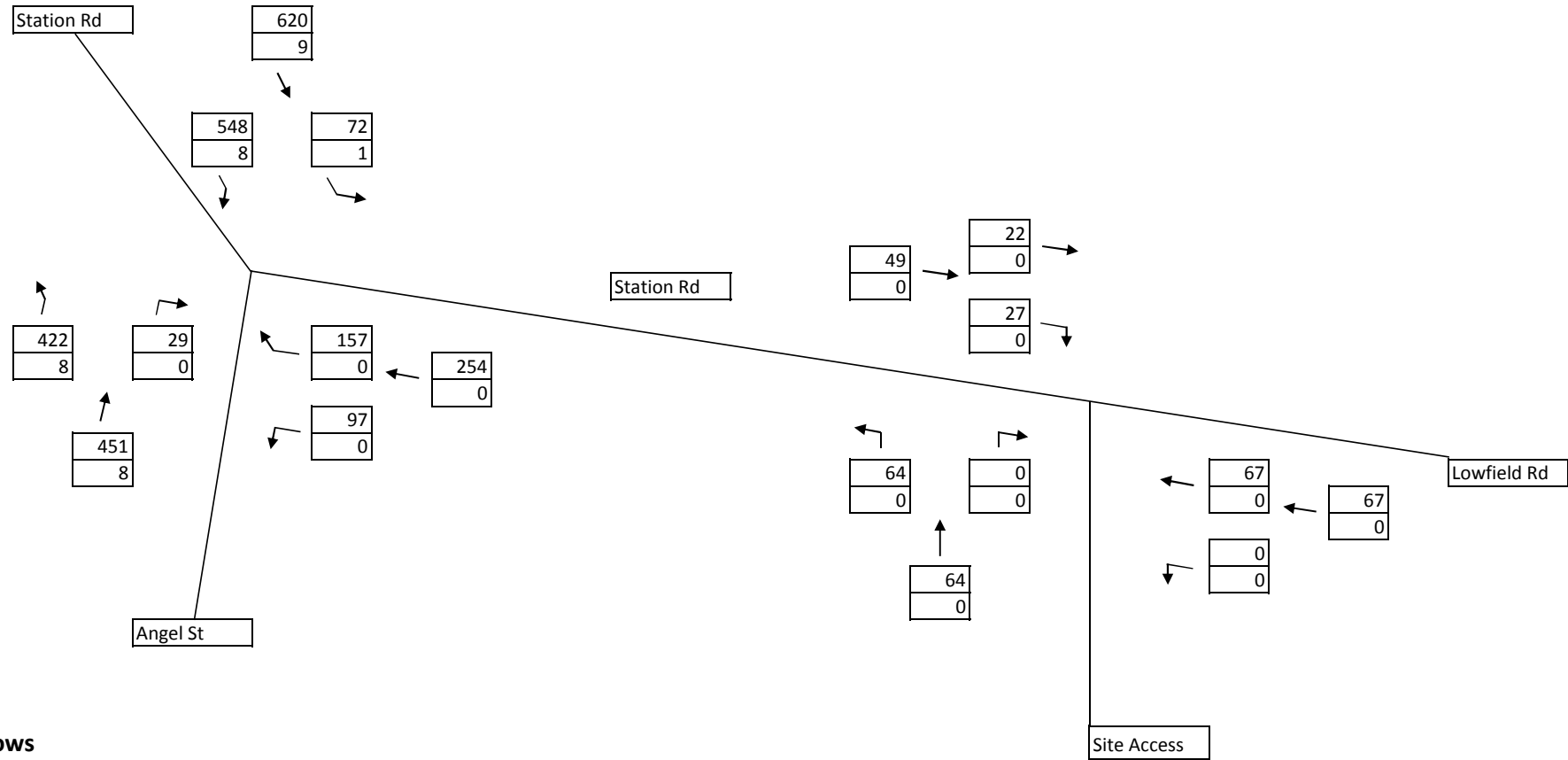


Traffic Flows

	Total Vehicles
	Total HGVs

Appendix 19

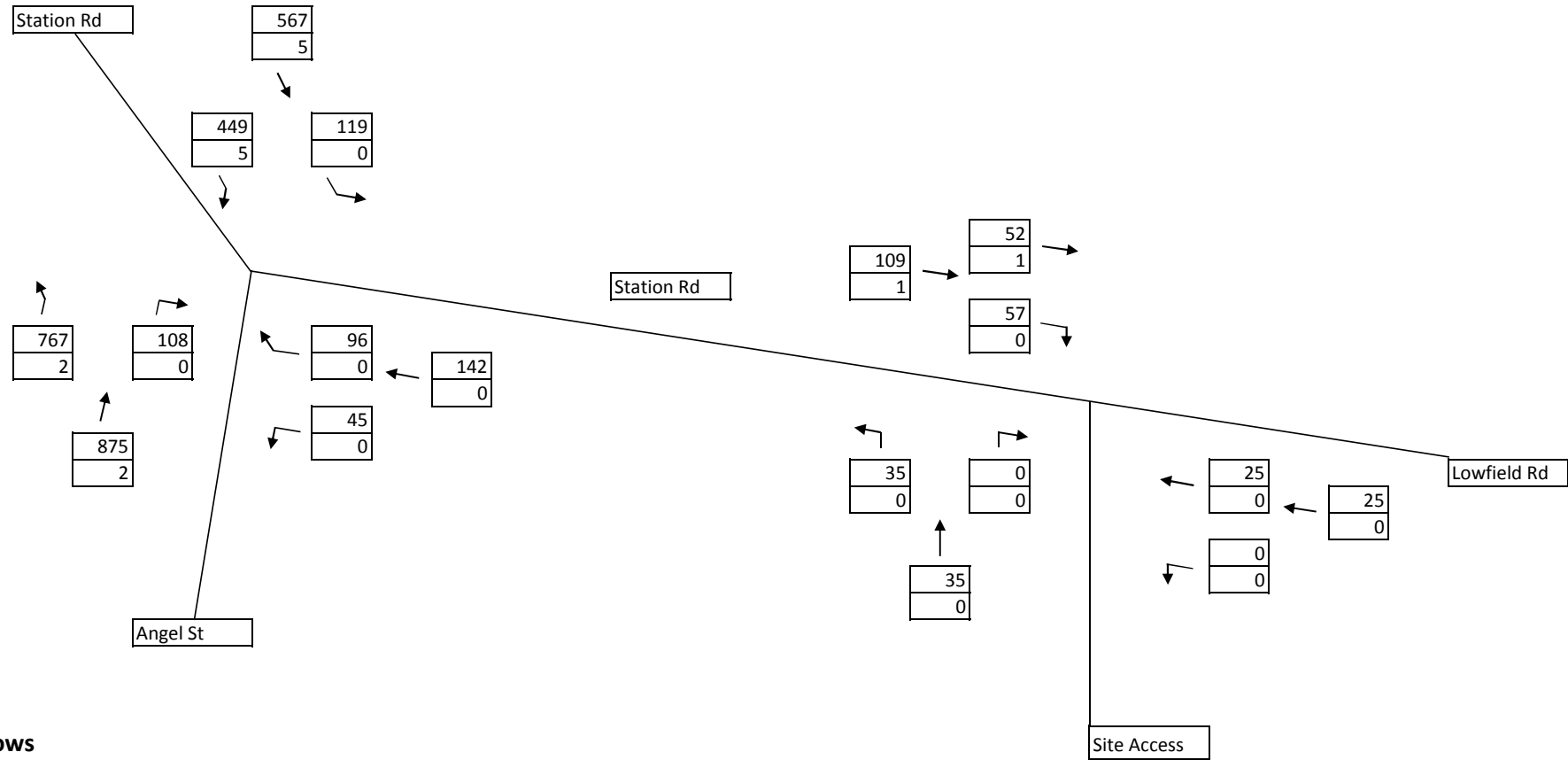
PREDICTED 2017 FLOWS
BOLTON UPON DEARNE
8:00 am - 9:00 am
AM PEAK



Traffic Flows

	Total Vehicles
	Total HGVs

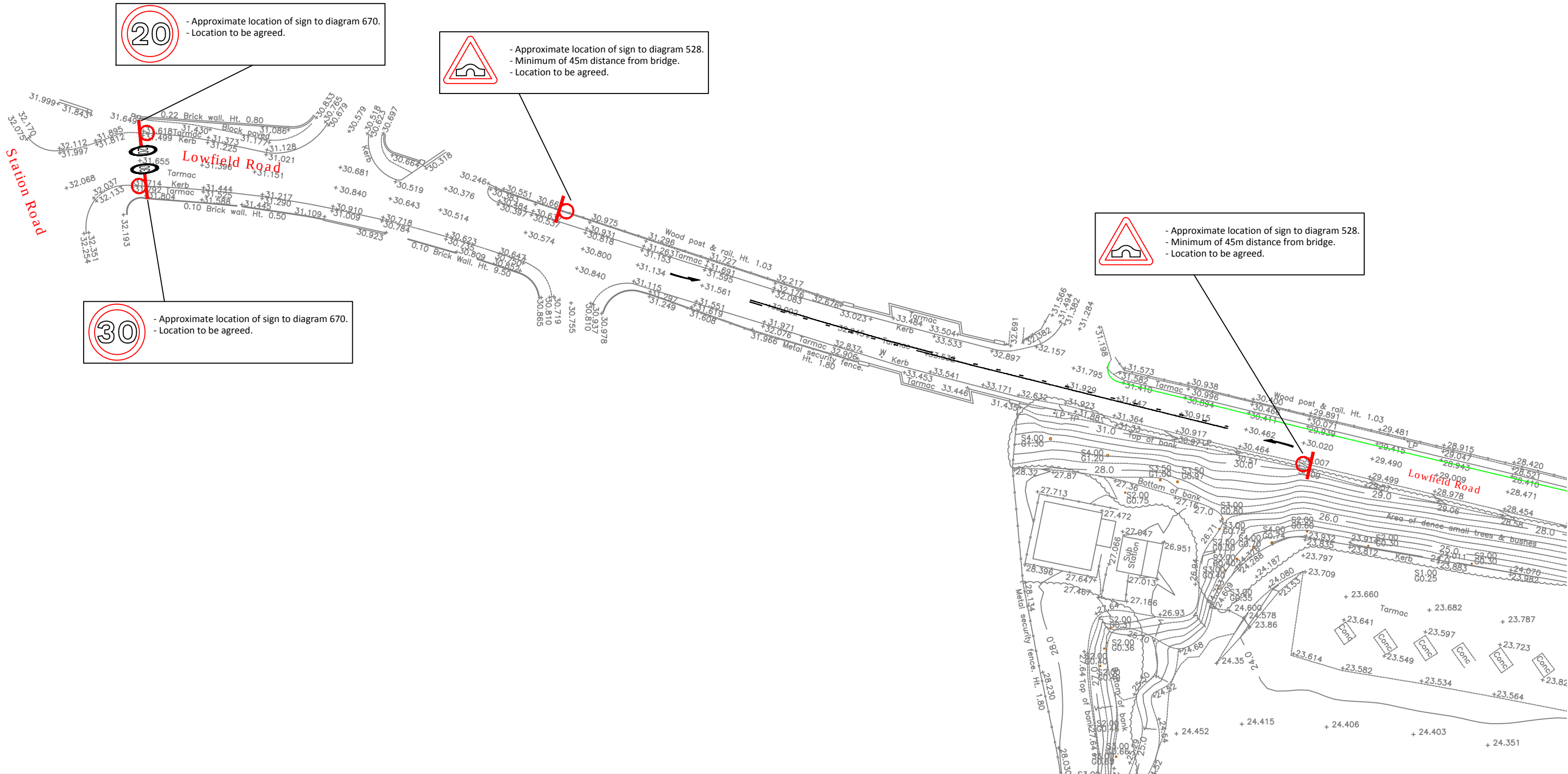
PREDICTED 2017 FLOWS
BOLTON UPON DEARNE
17:00 pm - 18:00 pm
PM PEAK



Traffic Flows

	Total Vehicles
	Total HGVs

Appendix 20



Client:		GLEESON REGENERATION AND HOMES		Project:		BOLTON UPON DEARNE					
		SOUTH YORKSHIRE									
BRYAN G HALL CONSULTING CIVIL & TRANSPORTATION PLANNING ENGINEERS Copyright Reserved Bryan G Hall Ltd. E highways@bryanghall.co.uk Hanover Walk LEEDS LS3 1AB T 0113 246 1555 F 0113 234 2201 W www.bryanghall.co.uk 26/36 Wharfedale Road LONDON N1 9RY T 0203 077 2103		Title		20MPH SPEED LIMIT AND HUMP BACK BRIDGE		ROAD MARKINGS AND SIGNAGE		Rev:			
								Amendment:		DRN	
								Job No:		13-141	
								Drawn:		RD	
								Checked:		CT	
								Scale:		1:600	
								Drawing No:		13/141/TR/001	
								Revision:			