



DRAWING TITLE

TRAFFIC MOVEMENT REFERENCE

JOB TITLE

23.100 CHISWORTH ATC

DRAWN BY

CC

DATE

JAN 2024

SCALE

NTS

REF

FIGURE 1

**Transport Data
Specialists Ltd**

W: www.transportids.co.uk
E: enquiries@transportids.co.uk
T: 0777 625 2475 T: 0794 007 1260

SURVEY CONTROL

Client:	SCP Transport Ltd
Client Contact:	Esme Walker
Survey Location:	Chisworth, Derbyshire
Date(s) of Survey:	Sunday 14th January 2024 - Saturday 20th January 2024
Notes:	
On Site Supervisor(s):	Neil Harley
Data Checking:	David Cheng
Survey Reference:	23.100 Chisworth ATC
Status:	Final
Date of Issue:	21st January 2024

ARX

ARX is a modification of AustRoads94. It removes class 12, moves all other classes up by one, and inserts a cycle class a

- **Units:** Metric (m)
- **Car class:** 2
- **Unclassifiable vehicle class:** 13

Axles	Groups	Description	Class		Parameters	Dominant Vehicle	Agg
2	1 or 2	Very Short - Bicycle or Motorcycle	MC	1	d(1)<1.7m & axles=2		1 (
2	1 or 2	Short - Sedan, Wagon, 4WD, Utility, Light Van	SV	2	d(1)>=1.7m, d(1)<=3.2m & axles=2		
3, 4 or 5	3	Short Towing - Trailer, Caravan, Boat, etc.	SVT	3	groups=3, d(1)>=2.1m, d(1)<=3.2m, d(2)>=2.1m & axles=3,4,5		
2	2	Two axle truck or Bus	TB2	4	d(1)>3.2m & axles=2		2 (N
3	2	Three axle truck or Bus	TB3	5	axles=3 & groups=2		
>3	2	Four axle truck	T4	6	axles>3 & groups=2		
3	3	Three axle articulated vehicle or Rigid vehicle and trailer	ART3	7	d(1)>3.2m, axles=3 & groups=3		3 (l
4	>2	Four axle articulated vehicle or Rigid vehicle and trailer	ART4	8	d(2)<2.1m or d(1)<2.1m or d(1)>3.2m axles = 4 & groups>2		
5	>2	Five axle articulated vehicle or Rigid vehicle and trailer	ART5	9	d(2)<2.1m or d(1)<2.1m or d(1)>3.2m axles=5 & groups>2		
		Other (Unclassifiable vehicle)					

>=6	>2	SIX (or more) axle articulated vehicle or Rigid vehicle and trailer	ART6	10	axles=6 & groups>2 or axles>6 & groups=3	
>6	4	B-Double or Heavy truck and trailer	BD	11	groups=4 & axles>6	
>6	>=5	Double or triple road train or Heavy truck and two (or more) trailers	DRT	12	groups>=5 & axles>6	

s class 1.

gregate			
(Light)			
Medium)			
Heavy)			



Default

Globals	Report Id	CustomList-585
	Descriptor	Default
	Created by	MetroCount Traffic Executive
	Creation Time (UTC)	2024-01-21T17:20:48
	Legal	Copyright (c)1997 - 2019 MetroCount
	Graphic	
	Language	English
	Country	United Kingdom
	Time	UTC + 0 min
	Create Version	5.0.8.0
Dataset	Metric	Part metric
	Speed Unit	mph
	Length Unit	metre
	Mass Unit	tonne
	Site Name	Chisworth
	Site Attribute	ATC 1 EB/WB
	File Name	D:\TDS\2023 - 2024\23.100 Chisworth ATC\Chisworth 0 2024-01-21 1541.EC0
	File Type	Plus
	Algorithm	Factory default axle
	Description	A626 Glossop Road
	Lane	0
	Direction	8
	Direction Text	8 - East bound A B, West bound B A.
	Layout Text	Axle sensors - Paired (Class/Speed/Count)
	Setup Time	2024-01-13T08:51:15
	Start Time	2024-01-13T08:51:15
	Finish Time	2024-01-21T15:41:15
	Operator	TDS
	Configuration	80 00 14 6a 6a 00 00 00 00 00
	Profile	
	Name	Default Profile
	Title	MetroCount Traffic Executive

Graphic Logo	
Header	
Footer	
Percentile 1	85
Percentile 2	95
Pace	10
Filter Start	2024-01-13T11:00:00
Filter End	2024-01-21T00:00:00
Class Scheme	ARX
F	Cls(1-12) Dir(E) Sp(0,100) Headway(0) Span(0 - 100) Lane(0-16)
Low Speed	0
High Speed	100
Posted Limit	40
Speed Limits	40 40 40 40 40 40 40 40 40 40
Separation	0.000
Separation Type	Headway
Direction	East
Encoded Direction	2

Column

Time [--	24-hour time (0000 - 2359)
Total	Number in time step
Cls 1	Class totals
Cls 2	Class totals
Cls 3	Class totals
Cls 4	Class totals
Cls 5	Class totals
Cls 6	Class totals
Cls 7	Class totals
Cls 8	Class totals
Cls 9	Class totals
Cls 10	Class totals
Cls 11	Class totals
Cls 12	Class totals
Mean	Average speed
Vpp 85	Percentile speed

1900	82	0	79	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	32.4	36
2000	43	0	41	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	31.4	35.3
2100	50	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32.9	36.1
2200	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30.5	35.3
2300	11	0	10	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	33.4	37.6
07-19	1840	2	1651	6	177	1	0	1	1	1	1	0	0	0	0	0	0	0	31.8	35.5
06-22	2061	2	1863	7	185	1	0	1	1	1	1	0	0	0	0	0	0	0	31.8	35.6
06-00	2097	2	1898	7	186	1	0	1	1	1	1	0	0	0	0	0	0	0	31.8	35.6
00-00	2124	2	1923	7	188	1	0	1	1	1	1	0	0	0	0	0	0	0	31.9	35.6

Tuesday, 16 January 2024

Time [--	Total	Cls 1	Cls 2	Cls 3	Cls 4	Cls 5	Cls 6	Cls 7	Cls 8	Cls 9	Cls 10	Cls 11	Cls 12	Mean	Vpp 85
0000	8	0	6	0	1	0	0	0	1	0	0	0	0	31.3	-
0100	3	0	2	0	1	0	0	0	0	0	0	0	0	31.2	-
0200	1	0	0	0	1	0	0	0	0	0	0	0	0	35.8	-
0300	2	0	1	0	1	0	0	0	0	0	0	0	0	28.9	-
0400	6	0	6	0	0	0	0	0	0	0	0	0	0	33.2	-
0500	10	0	9	0	1	0	0	0	0	0	0	0	0	29.9	-
0600	35	0	29	0	6	0	0	0	0	0	0	0	0	29.7	33.5
0700	85	0	77	0	8	0	0	0	0	0	0	0	0	25.5	29.2
0800	97	0	85	1	11	0	0	0	0	0	0	0	0	23.4	26.7
0900	68	0	61	1	6	0	0	0	0	0	0	0	0	26	30.8
1000	61	0	49	0	11	0	1	0	0	0	0	0	0	31.3	35.9
1100	59	0	48	0	10	0	0	0	0	1	0	0	0	32.4	35.7
1200	71	0	57	0	13	1	0	0	0	0	0	0	0	32.3	36.6
1300	88	0	76	0	12	0	0	0	0	0	0	0	0	33.7	37.2
1400	104	0	96	0	8	0	0	0	0	0	0	0	0	32.1	35
1500	147	0	129	0	17	0	0	0	0	1	0	0	0	32.5	36.2
1600	209	0	192	0	17	0	0	0	0	0	0	0	0	31.9	35.3
1700	207	1	193	1	12	0	0	0	0	0	0	0	0	30.9	34.5
1800	120	1	114	0	5	0	0	0	0	0	0	0	0	32.1	35.7
1900	45	0	44	0	1	0	0	0	0	0	0	0	0	31.9	35.5
2000	45	0	43	0	2	0	0	0	0	0	0	0	0	33.2	37.7
2100	25	0	24	0	1	0	0	0	0	0	0	0	0	34.5	39.9
2200	28	0	27	0	1	0	0	0	0	0	0	0	0	32.2	35.6
2300	10	0	8	0	2	0	0	0	0	0	0	0	0	31.9	-
07-19	1316	2	1177	3	130	1	1	0	0	2	0	0	0	30.6	35.1
06-22	1466	2	1317	3	140	1	1	0	0	2	0	0	0	30.8	35.2

[illegible]

Default

Globals	Report Id	CustomList-586
	Descriptor	Default
	Created by	MetroCount Traffic Executive
	Creation Time (UTC)	2024-01-21T17:20:39
	Legal	Copyright (c)1997 - 2019 MetroCount
	Graphic	
	Language	English
	Country	United Kingdom
	Time	UTC + 0 min
	Create Version	5.0.8.0
Dataset	Metric	Part metric
	Speed Unit	mph
	Length Unit	metre
	Mass Unit	tonne
	Site Name	Chisworth
	Site Attribute	ATC 1 EB/WB
Profile	File Name	D:\TDS\2023 - 2024\23.100 Chisworth ATC\Chisworth 0 2024-01-21 1541.EC0
	File Type	Plus
	Algorithm	Factory default axle
	Description	A626 Glossop Road
	Lane	0
	Direction	8
	Direction Text	8 - East bound A B, West bound B A.
	Layout Text	Axle sensors - Paired (Class/Speed/Count)
	Setup Time	2024-01-13T08:51:15
	Start Time	2024-01-13T08:51:15
	Finish Time	2024-01-21T15:41:15
	Operator	TDS
	Configuration	80 00 14 6a 6a 00 00 00 00 00
Profile	Name	Default Profile
	Title	MetroCount Traffic Executive

Graphic Logo	
Header	
Footer	
Percentile 1	85
Percentile 2	95
Pace	10
Filter Start	2024-01-13T11:00:00
Filter End	2024-01-21T00:00:00
Class Scheme	ARX
F	Cls(1-12) Dir(W) Sp(0,100) Headway(J0) Span(0 - 100) Lane(0-16)
Low Speed	0
High Speed	100
Posted Limit	40
Speed Limits	40 40 40 40 40 40 40 40 40 40
Separation	0.000
Separation Type	Headway
Direction	West
Encoded Direction	8

Column

Time [--	24-hour time (0000 - 2359)
Total	Number in time step
Cls 1	Class totals
Cls 2	Class totals
Cls 3	Class totals
Cls 4	Class totals
Cls 5	Class totals
Cls 6	Class totals
Cls 7	Class totals
Cls 8	Class totals
Cls 9	Class totals
Cls 10	Class totals
Cls 11	Class totals
Cls 12	Class totals
Mean	Average speed
Vpp 85	Percentile speed

1900	71	0	70	0	0	1	0	0	0	0	0	0	0	0	0	0	0	32	34.5
2000	32	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	38.3
2100	19	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33.9	37.7
2200	13	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32.5	36.4
2300	9	0	8	0	0	1	0	0	0	0	0	0	0	0	0	0	36	-	
07-19	1832	1	1638	4	185	2	2	0	0	2	2	0	0	0	0	0	32.7	36.4	
06-22	2107	1	1899	4	199	2	2	0	0	2	2	0	0	0	0	0	32.7	36.4	
06-00	2129	1	1920	4	200	2	2	0	0	2	2	0	0	0	0	0	32.7	36.4	
00-00	2172	2	1955	4	207	2	2	0	0	2	2	0	0	0	0	0	32.8	36.5	

Tuesday, 16 January 2024

Time [--	Total	Cls 1	Cls 2	Cls 3	Cls 4	Cls 5	Cls 6	Cls 7	Cls 8	Cls 9	Cls 10	Cls 11	Cls 12	Mean	Vpp 85
0000	1	0	0	0	1	0	0	0	0	0	0	0	0	33.7	-
0100	4	0	2	0	2	0	0	0	0	0	0	0	0	31.9	-
0200	2	0	2	0	0	0	0	0	0	0	0	0	0	34.6	-
0300	2	0	1	0	1	0	0	0	0	0	0	0	0	33.5	-
0400	5	0	3	0	2	0	0	0	0	0	0	0	0	33	-
0500	25	0	21	0	4	0	0	0	0	0	0	0	0	31.1	34.6
0600	127	0	114	0	13	0	0	0	0	0	0	0	0	30.8	33.8
0700	234	0	214	0	19	1	0	0	0	0	0	0	0	24.4	29.2
0800	147	0	126	0	21	0	0	0	0	0	0	0	0	24	28.3
0900	97	0	83	1	13	0	0	0	0	0	0	0	0	27.6	31.9
1000	68	0	58	1	9	0	0	0	0	0	0	0	0	31.5	35.9
1100	67	1	55	0	11	0	0	0	0	0	0	0	0	33.1	37.1
1200	76	0	60	1	15	0	0	0	0	0	0	0	0	31.6	36.8
1300	67	0	59	0	6	0	0	1	1	0	0	0	0	33.2	37.3
1400	89	0	76	1	11	0	1	0	0	0	0	0	0	33.2	38.3
1500	94	0	79	0	15	0	0	0	0	0	0	0	0	32.9	36.1
1600	106	0	98	0	8	0	0	0	0	0	0	0	0	32.8	36.9
1700	99	0	94	0	5	0	0	0	0	0	0	0	0	30.3	34
1800	63	0	60	0	3	0	0	0	0	0	0	0	0	31.8	35.4
1900	46	1	43	0	2	0	0	0	0	0	0	0	0	32.6	36.1
2000	24	0	21	0	3	0	0	0	0	0	0	0	0	32.2	38
2100	20	0	18	0	2	0	0	0	0	0	0	0	0	35.2	39
2200	8	0	8	0	0	0	0	0	0	0	0	0	0	32.7	-
2300	2	0	2	0	0	0	0	0	0	0	0	0	0	32.9	-
07-19	1207	1	1062	4	136	1	1	1	1	0	0	0	0	29.4	35
06-22	1424	2	1258	4	156	1	1	1	1	0	0	0	0	29.7	35.1

1200	178	0	171	0	7	0	0	0	0	0	0	0	0	32.9	36.4
1300	138	0	128	1	9	0	0	0	0	0	0	0	0	33.1	36.9
1400	145	0	115	1	29	0	0	0	0	0	0	0	0	35.6	40.2
1500	83	0	39	0	44	0	0	0	0	0	0	0	0	38.5	44.3
1600	29	0	12	0	17	0	0	0	0	0	0	0	0	39.2	42.4
1700	25	0	4	0	21	0	0	0	0	0	0	0	0	39.8	47.8
1800	26	0	6	0	19	0	0	1	0	0	0	0	0	40.7	46.1
1900	20	0	6	0	14	0	0	0	0	0	0	0	0	40.7	47.3
2000	6	0	1	0	5	0	0	0	0	0	0	0	0	39.9	-
2100	4	0	0	0	4	0	0	0	0	0	0	0	0	46.5	-
2200	3	0	0	0	3	0	0	0	0	0	0	0	0	38.9	-
2300	7	0	0	0	7	0	0	0	0	0	0	0	0	45.7	-
07-19	1163	1	953	3	202	0	0	2	2	0	0	0	0	34.4	39.1
06-22	1216	1	982	3	226	0	0	2	2	0	0	0	0	34.6	39.4
06-00	1226	1	982	3	236	0	0	2	2	0	0	0	0	34.6	39.5
00-00	1261	1	1016	3	237	0	0	2	2	0	0	0	0	34.6	39.5