



Northumberland

County Council

CRAMLINGTON, BEDLINGTON AND SEATON VALLEY LOCAL AREA
COMMITTEE

DATE: 19TH MARCH 2024

PETITION – REQUEST FOR A ZEBRA CROSSING ON STEAD LANE,
BEDLINGTON

Report of: Director of Environment and Transport, Paul Jones

Cabinet Member: John Riddle, Improving our Roads and Highways

Purpose of report

To respond to the e-petition which closed for signatures on 20th November 2023 regarding a request for the installation of a zebra crossing on Stead Lane in Bedlington, at the location of the existing uncontrolled crossing that links the footpaths between Poplar Grove and Terrier Close / Stead Lane Primary School.

Recommendations

It is recommended that the Local Area Committee note the content of this report and support the actions proposed.

Link to Corporate Plan

This report is relevant to the following key themes in the Corporate Plan for 2023-26:

‘Thriving Places and Culture – Neighbourhoods are safe, clean and well maintained’

Key Issues

- A petition has been received requesting a zebra crossing on Stead Lane, Bedlington, at the location of the existing uncontrolled crossing that links the footpaths between Poplar Grove and Terrier Close / Stead Lane Primary School.
- The petition has been signed by 84 signatories.
- A pedestrian / vehicle (PV²) survey was completed on 28th February 2024. Result was 0.07 so the necessary criteria for a controlled crossing was not met.
- The minimum requirement is 0.2, however, this is a local requirement specific to Northumberland, which is more generous than the nationally recommended 0.5.

- A speed survey was carried out as recently as January 2023, however this was undertaken further to the east of the location of the requested zebra crossing.
- For eastbound vehicles, average speed was recorded to be 28.7mph with an 85th percentile of 34.2mph. For westbound vehicles, average speed was recorded to be 27.4mph with an 85th percentile of 31.6mph.
- Based on the data from this survey these did not meet the necessary criteria for enforcement.
- According to accident data from Northumbria Police, in the last five years there have been two slight personal injury collisions in the vicinity where the zebra crossing has been requested.
- Based on the description of these collisions, they appear to be one off incidents which were potentially caused deliberately.
- No further action is proposed at this time in relation to the requested crossing, however we will contact the school direct to offer appropriate road safety training considering the concerns raised.
- A “Parallel Crossing” is proposed further to the west, at Stanley Grove, as part of our Bedlington Active Travel Scheme.

Background

The Petition

The County Council has received an 84-name petition stating the following:

“I wish to request a zebra crossing on Stead Lane in Bedlington at the road crossing that links the footpaths between Poplar Grove and Terrier Close / Stead Lane Primary School. I believe the 20mph when lights flash signs are not correctly placed and have little impact. A crossing would also assist outside of school hours for children wishing to access the park or the shops at the Oval.”



Google image of existing uncontrolled crossing on Stead Lane

Comments

A pedestrian / vehicle (PV2) survey was undertaken on 28th February 2024.

In order for a controlled crossing to be considered, this type of survey is undertaken to determine whether or not the necessary criteria is met. The minimum requirement is 0.2, however, it should be noted that this is a local requirement specific to Northumberland, which is more generous than the nationally recommended 0.5.

The survey records data between 07:30 – 10:00 and 14:30 – 17:00.

In the morning, a total of 32 pedestrians crossed the road at this location, while there were 976 vehicles recorded travelling along the route.

The afternoon was understandably busier, with a total of 56 pedestrians crossing the road at this location, while there were 1090 vehicles recorded travelling along the route.

Unfortunately, the location does not meet the criteria for a controlled crossing. Result was 0.07 which is well below the Council's criteria.

It should be noted that while a Zebra Crossing is not currently planned at this location, we do have proposals to introduce a Parallel Crossing further west, at Stanley Grove, as part of our Bedlington Active Travel Scheme.



Google image of area where parallel crossing is currently proposed as part of Bedlington Active Travel Scheme (Stead Lane Lane / Stanley Grove)

Parallel crossings enable cyclists to cross a road safely and with the same level of priority as a zebra crossing gives a pedestrian. The crossing looks similar to a zebra crossing but also includes a cycling crossing area which is parallel to the zebra crossing area, this is marked by broken white lines.

Comments regarding the location of the advisory 20 when lights flash signs are noted. These signs were implemented as part of the Council's commitment to introduce 20mph speed limits outside all schools in the County.

The scheme designer has identified the most appropriate location for these signs which are intended to encourage motorists to reduce their speeds over this area during the school run.

A speed survey was carried out as recently as January 2023, further to the east of the location of the requested zebra crossing. For eastbound vehicles, average speed was recorded to be 28.7mph with an 85th percentile of 34.2mph. For westbound vehicles, average speed was recorded to be 27.4mph with an 85th percentile of 31.6mph.

The 85th percentile is the speed at which 85% of vehicles are driving or less, the remaining 15% of vehicles are travelling above the speed.

In order for the police to consider any enforcement, the 85th percentile is required to be a minimum of 35mph. Based on the evidence obtained from our recent speed surveys, the existing data falls below the necessary criteria.

Accident Data

According to accident data from Northumbria Police, in the last five years there have been two slight personal injury collisions in the vicinity where the zebra crossing has been requested.

The first occurred in 2019 involving three vehicles travelling east. The first vehicle stopped suddenly causing vehicles 2 and 3 to stop. Without warning, vehicle 1 then reversed into vehicle 2 which shunts vehicle 2 into vehicle 3. Vehicle 1 then drove off from the scene without exchanging details.

The second collision occurred in September 2022, vehicle 1 was travelling east when the pedestrian casualty was wavering on the side of the road. The driver of vehicle was aware of this and has slowed down. However upon approach the pedestrian appeared to deliberately step out into the road. The near side wing mirror made contact with the pedestrian who rolled around on the ground. An ambulance was called and the pedestrian was taken to hospital. There were reportedly several witnesses to this.

Based on the description of these collisions, they appear to be one off incidents which were potentially caused deliberately.

It should be noted that our accident data does not include any damage only incidents or any near misses which may have occurred.

Proposed Actions

No further action is proposed at this time in relation to the requested crossing, however we will contact the school direct to offer appropriate road safety training in light of the concerns raised.

Implications

Policy	The response to the issues raised in this petition is consistent with LTP Policies.
Finance and value for money	n/a
Legal	None
Procurement	None
Human Resources	None
Property	None

Equalities (Impact Assessment attached) Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	No – not required at this point n/a
Risk Assessment	n/a
Crime & Disorder	n/a
Customer Consideration	Petition identifies concerns when crossing Stead Lane, Bedlington.
Carbon reduction	n/a
Health and Wellbeing	Petition raises issues regarding road safety.
Wards	Bedlington East

Appendix Index

Appendix A - PV² survey results PV-22-09

Appendix B - Summary of Speed Survey results TS-22-107

Background papers:

None

Report sign off

	Full Name of Officer
Monitoring Officer/Legal	N/A
Executive Director of Finance & S151 Officer	N/A
Relevant Executive Director	Simon Neilson

Chief Executive	N/A
Portfolio Holder(s)	John Riddle

Author and Contact Details

Neil Snowdon – Principal Programme Officer (Highways Improvement Team)

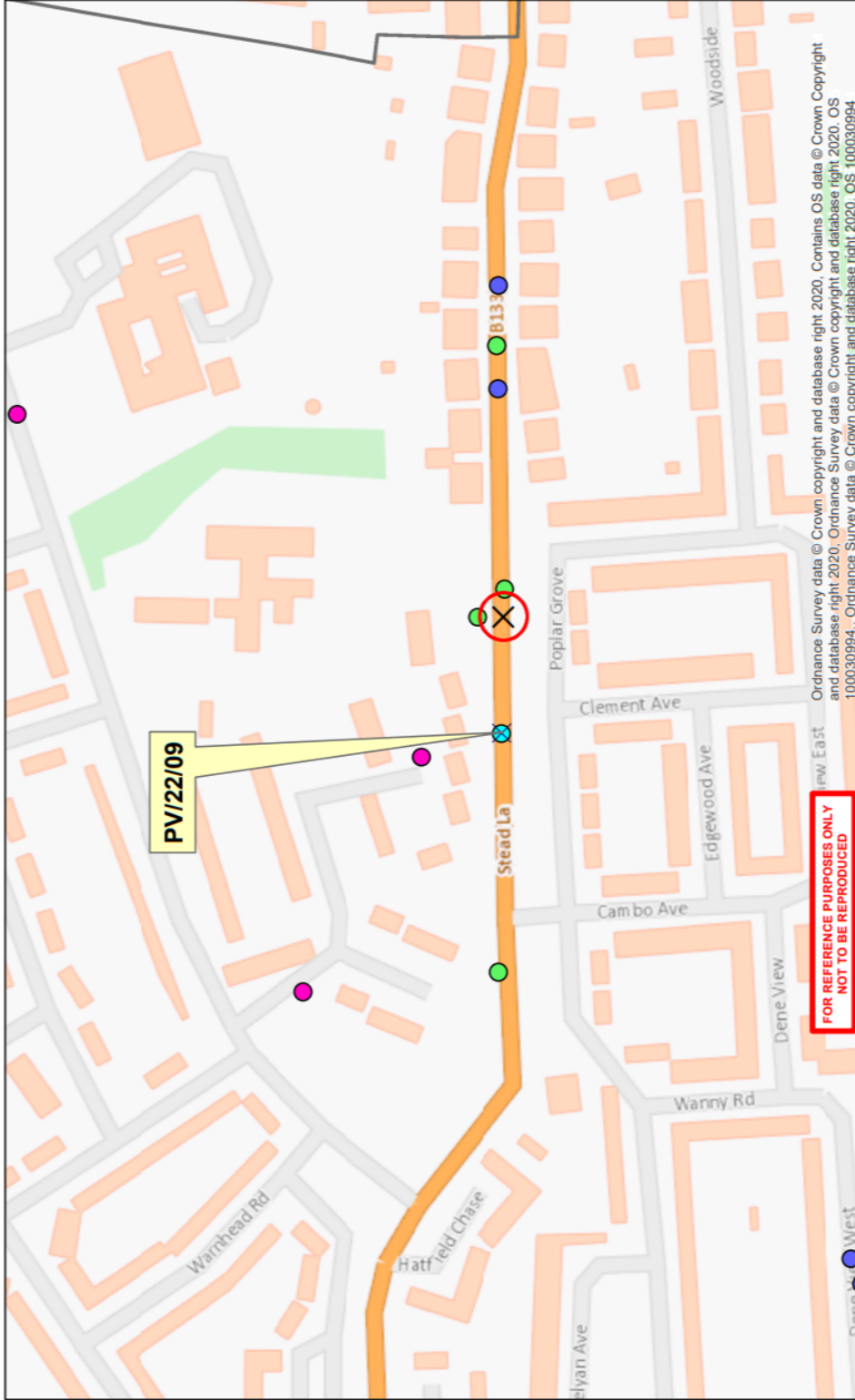
Appendix A – PV² survey results PV-22-09

PEDESTRIAN CROSSING REQUEST - PV2 RESULTS	
Site - B1331 Stead Lane 1st school Bedlington	0.0525658 AM PEAK HR
PV/22/09	0.0931500 PM PEAK HR
28th Feb 2024	

HOUR	TIME	Peds	Peds/ Hour	V	Veh/ Hour	PV2	LARGEST PV2
1	730 - 745	0	0	74	74	0.0000000	
2	745 - 800	0	0	83	157	0.0000000	
3	800 - 815	5	5	111	268	0.0035912	
4	815 - 830	1	6	124	392	0.0092198	
5	830 - 845	4	10	121	439	0.0192721	
6	845 - 900	14	24	112	468	0.0525658	AM PEAK HR
7	900 - 915	1	20	88	445	0.0396050	
8	915 - 930	5	24	83	404	0.0391718	
9	930 - 945	2	22	74	357	0.0280388	
10	945 - 1000	0	8	106	351	0.0098561	
11	1000 - 1015		7		263	0.0048418	
12	1015 - 1030		2		180	0.0006480	
13	1030 - 1045		0		106	0.0000000	
14	1430 - 1445	0	0	116	0	0.0000000	
15	1445 - 1500	1	1	106	222	0.0004928	
16	1500 - 1515	18	19	101	323	0.0198225	
17	1515 - 1530	22	41	138	461	0.0871336	
18	1530 - 1545	4	45	109	454	0.0927522	
19	1545 - 1600	2	46	102	450	0.0931500	PM PEAK HR
20	1600 - 1615	6	34	114	463	0.0728855	
21	1615 - 1630	0	12	88	413	0.0204683	
22	1630 - 1645	2	10	100	404	0.0163216	
23	1645 - 1700	1	9	116	418	0.0157252	
24	1700 - 1715		3		304	0.0027725	
25	1715 - 1730		3		216	0.0013997	
26	1730 - 1745		1		116	0.0001346	
27	1745 - 1800		0		0	0.0000000	

HOUR	TIME	Peds	Peds/ Hour	V	Veh/ Hour	PV2	LARGEST PV2
6	800 - 900	-	24	-	468	0.0525658	AM PEAK HR
19	1500 - 1600	-	46	-	450	0.0931500	PM PEAK HR
Average			35		459		

FINAL VALUE OF PV2 = 0.0728579



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 Northumberland County Council	Network Management Information System		Title: B1331 Stead Lane Bedlington	
	<small>Northumberland County Council Northumberland NE21 2EP No. 0167533000</small>	<small>This map is reproduced from Ordnance Survey data with the permission of Ordnance Survey. Unauthorised reproduction is prohibited by law. Ordnance Survey © Crown Copyright. All rights reserved. Ordnance Survey Licence No. 100030994</small>	DPI: CE	Date: Nov 22

Additional Comments: Grids 427129 - 582128	Point of Interest:
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Appendix B - Summary of Speed Survey results TS-22-107

Site No: 00760630 Site Reference: 00760630

TS22107 B1331 Bedlington Station

Speed Summary (All Days)-Limit 30 Mph From 10/01/2023 To 17/01/2023 Channel: Eastbound

Time Begin	Total Vol.	85th %ile	Mean Ave.	Std. Dev.	Bin 1 <6Mph	Bin 2 6-<11	Bin 3 11-<16	Bin 4 16-<21	Bin 5 21-<26	Bin 6 26-<31	Bin 7 31-<36	Bin 8 36-<41	Bin 9 41-<46	Bin 10 46-<51	Bin 11 51-<56	Bin 12 56-<61	Bin 13 =>61
00:00	10	-	34.3	6.4	0	0	0	0	0	3	3	1	0	0	0	0	0
01:00	6	-	34.3	8	0	0	0	0	0	1	0	1	0	0	0	0	0
02:00	6	-	34.7	5.6	0	0	0	0	0	3	1	1	0	0	0	0	0
03:00	5	-	29.4	11.9	0	1	0	0	0	1	0	1	0	0	0	0	0
04:00	7	-	32.3	5.5	0	0	0	0	0	3	1	1	0	0	0	0	0
05:00	20	36	31.2	6.6	0	0	0	0	0	10	5	3	0	0	0	0	0
06:00	58	36.8	31.5	6.1	0	0	0	2	4	20	18	6	2	0	0	0	0
07:00	133	35.1	29.9	5.6	0	0	0	4	17	61	36	10	4	0	0	0	0
08:00	174	34.3	29.1	5.3	0	0	1	5	27	84	39	10	3	0	0	0	0
09:00	132	34.5	29.3	5.3	0	0	2	5	20	63	32	9	2	0	0	0	0
10:00	143	34.1	29	5.5	0	2	2	5	23	68	38	7	1	0	0	0	0
11:00	150	33.9	28.7	5.6	0	0	1	3	31	72	31	8	1	0	0	0	0
12:00	153	34.1	28.7	5.5	0	1	1	5	29	70	32	10	0	0	0	0	0
13:00	157	34.2	28.9	5.5	0	1	0	8	25	73	39	8	1	0	0	0	0
14:00	161	33.5	28	5.5	0	1	2	9	37	72	31	7	0	0	0	0	0
15:00	181	32.5	27.4	5.4	0	2	4	13	42	84	30	5	0	0	0	0	0
16:00	172	33.1	27.5	5.7	0	3	3	12	46	71	30	5	1	0	0	0	0
17:00	159	33.3	27.8	5.6	0	0	3	10	40	66	31	6	0	0	0	0	0
18:00	122	33.9	28.3	5.8	0	1	2	6	27	52	26	6	0	0	0	0	0
19:00	89	34.8	29.3	5.8	0	0	0	3	15	38	22	7	2	0	0	0	0
20:00	61	35.6	30.2	5.9	0	0	0	2	10	22	18	6	0	0	0	0	0
21:00	42	35.3	30.4	5.3	0	0	0	0	7	16	13	3	1	0	0	0	0
22:00	31	35.2	30.4	5.4	0	0	0	0	3	15	7	3	1	0	0	0	0
23:00	15	35.5	31.9	5.6	0	0	0	0	3	5	6	1	0	0	0	0	0
12H,7-19	1837	33.9	28.4	5.4	0	11	21	85	364	836	395	91	13	0	0	0	0
16H,6-22	2087	34.1	28.6	5.4	0	11	21	92	400	932	466	113	18	0	0	0	0
18H,6-24	2133	34.1	28.7	5.4	0	11	21	92	406	952	479	117	19	0	0	0	0
24H,0-24	2187	34.2	28.7	5.4	0	12	21	92	406	973	489	125	19	0	0	0	0
Am Peak	08:00 - 173	-	02:15 36.8	03:00 11.9	03:15 0	10:00 1	09:30 2	07:30 7	11:00 31	08:00 84	08:30 40	07:15 11	06:45 4	06:30 1	00:30 0	00:45 0	03:00 0
Pm Peak	15:15 186	22:45 37.1	22:45 32.1	21:45 6.1	14:45 1	14:45 2	15:00 4	14:45 14	16:15 47	15:00 84	13:00 38	12:00 10	19:30 2	21:30 1	20:00 0	21:15 0	23:00 0

Collated from 15 minutes
Created at 19:28:11 on 17 Jan 2023

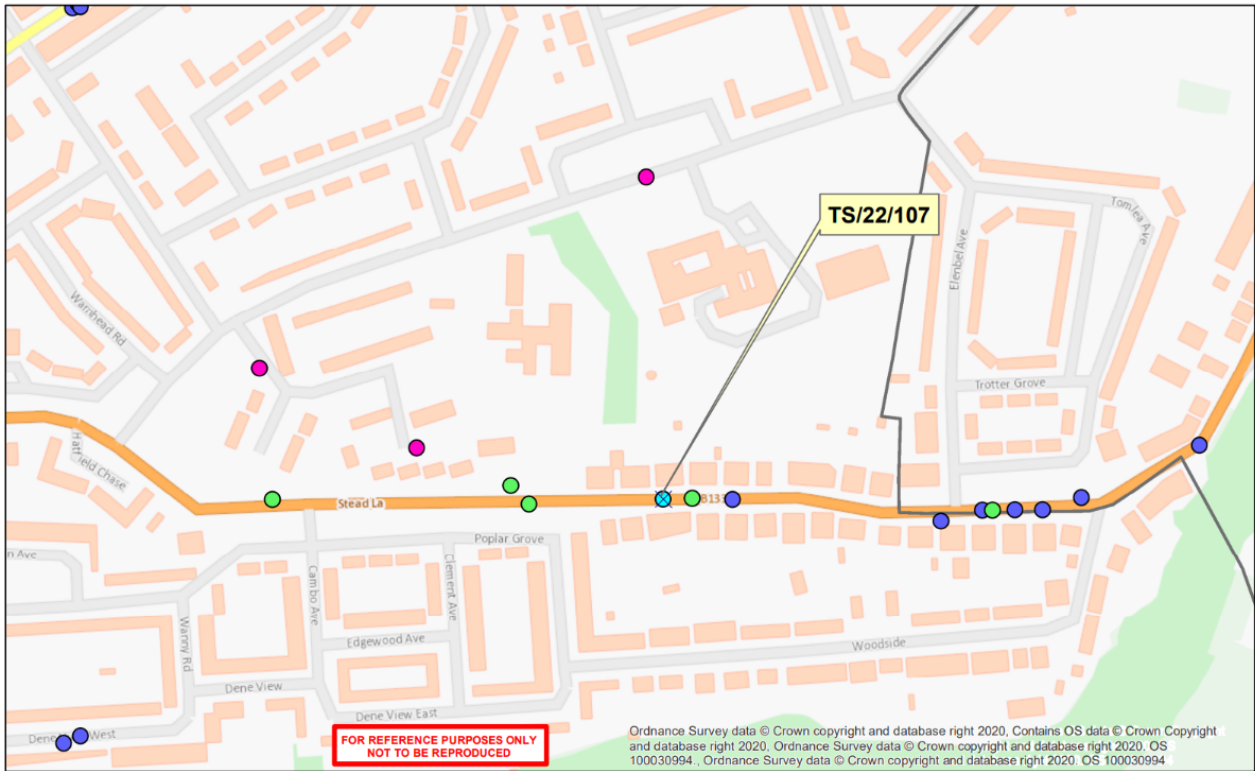
Site No: 00760630 Site Reference: 00760630

TS22107 B1331 Bedlington Station

Speed Summary (All Days)-Limit 30 Mph From 10/01/2023 To 17/01/2023 Channel: Westbound

Time Begin	Total Vol.	85th %ile	Mean Ave.	Std. Dev.	Bin 1 <6Mph	Bin 2 6-<11	Bin 3 11-<16	Bin 4 16-<21	Bin 5 21-<26	Bin 6 26-<31	Bin 7 31-<36	Bin 8 36-<41	Bin 9 41-<46	Bin 10 46-<51	Bin 11 51-<56	Bin 12 56-<61	Bin 13 =>61
00:00	9	-	31.8	5.2	0	0	0	0	0	4	2	1	0	0	0	0	0
01:00	6	-	34	5.3	0	0	0	0	0	2	1	0	0	0	0	0	0
02:00	4	-	30.8	5	0	0	0	0	0	2	1	0	0	0	0	0	0
03:00	2	-	35.4	-	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	3	-	32.4	4.1	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	7	-	30.5	5.4	0	0	0	0	1	3	1	0	0	0	0	0	0
06:00	31	33.7	28.8	4.7	0	0	0	0	5	15	6	3	0	0	0	0	0
07:00	86	32	28.1	4.6	0	0	0	2	20	47	13	2	0	0	0	0	0
08:00	169	31.5	27.5	4.3	0	0	0	6	52	83	25	3	0	0	0	0	0
09:00	106	32.3	27.8	4.8	0	0	0	2	29	54	18	2	0	0	0	0	0
10:00	125	31.6	27.4	4.7	0	0	0	5	34	62	19	2	0	0	0	0	0
11:00	138	31.1	27.2	5	0	1	1	4	40	67	19	1	0	0	0	0	0
12:00	143	31.9	27.4	5.3	0	2	3	7	31	74	23	2	0	0	0	0	0
13:00	150	31.8	27.4	4.9	0	0	2	7	38	75	23	3	0	0	0	0	0
14:00	175	30.8	26.7	5.1	0	0	3	9	54	85	20	3	0	0	0	0	0
15:00	209	30.5	26.4	4.9	0	3	3	12	68	101	20	3	0	0	0	0	0
16:00	184	30.6	26.2	5.1	1	0	4	17	59	80	19	3	0	0	0	0	0
17:00	162	30.5	26.5	4.6	0	0	2	8	59	73	14	3	0	0	0	0	0
18:00	119	30.9	27.3	5.2	0	0	1	7	33	60	14	4	0	0	0	0	0
19:00	91	33.2	28.1	5.2	0	0	0	4	21	43	16	5	0	0	0	0	0
20:00	65	34.2	29.2	4.9	0	0	0	2	12	30	15	4	0	0	0	0	0
21:00	45	33.7	28.9	4.4	0	0	0	1	9	23	9	2	0	0	0	0	0
22:00	31	35	29.9	5.6	0	0	0	0	6	15	7	3	0	0	0	0	0
23:00	21	34.8	30.1	5.4	0	0	0	0	4	10	4	2	0	0	0	0	0
12H,7-19	1766	31	27.1	4.7	1	6	19	86	517	861	227	31	0	0	0	0	0
16H,6-22	1998	31.4	27.3	4.7	1	6	19	93	564	972	273	45	0	0	0	0	0
18H,6-24	2050	31.5	27.4	4.7	1	6	19	93	574	997	284	50	0	0	0	0	0
24H,0-24	2081	31.6	27.4	4.7	1	6	19	93	575	1008	289	51	0	0	0	0	0
Am Peak	08:00 - 169	-	02:45 35.5	-	10:45 0	10:45 2	10:45 1	07:45 6	08:00 51	08:00 83	08:00 25	08:15 4	11:00 1	10:15 0	01:00 0	00:00 0	05:45 0
Pm Peak	14:30 220	22:00 35	23:00 30.1	22:00 5.6	14:30 1	15:00 3	14:30 5	16:00 17	14:30 72	14:30 103	12:00 23	19:15 5	18:45 1	19:15 0	23:00 0	21:45 0	-

Collated from 15 minutes



Additional Comments:
Grids
427270 - 582131

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**Network Management
Information System**

Title: B1331 Stead Lane Bedlington		
Drm: CE	Date: Oct 22	Scale: NTS