

## Howbury Hall Estate

### Land at Howbury Hall Estate, Renhold

Project Reference: 1910-023/TN/01

Technical Note

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## 1 INTRODUCTION

- 1.1 Transport Planning Associates (TPA) has been instructed by Phillips Planning Services (PPS) on behalf of Howbury Hall Estate to prepare an access appraisal examining options for vehicle and pedestrian access to support proposals for the residential development of land at Howbury Hall Estate, Renhold, Bedford, (the Promotion Land).
- 1.2 The land is to be promoted through the emerging Bedford Borough Council Local Plan for a development of up to 300 dwellings.
- 1.3 Appropriate guidance on the provision of a suitable form of access to serve the development has been examined. Relevant documents applicable to development in Bedford include the design Manual for Roads and Bridges (DMRB) and the Highway Development Control Design Guide (January 1995), albeit it should be noted that this guidance is being updated. Pertinent to the consideration of an appropriate form of access, however, is Section 2.2 of the Council's design guide '*Distributor Roads Definitions*' provides an indicative road hierarchy and defines Primary Distributor Roads as:
- “The main urban and inter urban routes and cater for all long distance traffic movements that are essentially local to Bedfordshire”.***
- 1.4 Further, the Council's Design Guide defines a District Distributor Road as those that:
- “distribute traffic between the residential, industrial and business districts of the major built-up areas and act as the main feeder routes to the primary distributor network”.***
- 1.5 The general considerations for the design of junctions onto each of these road categories will be considered in the following sections of this access appraisal.
- 1.6 The Promotion Land is illustrated in Figure 1 below.

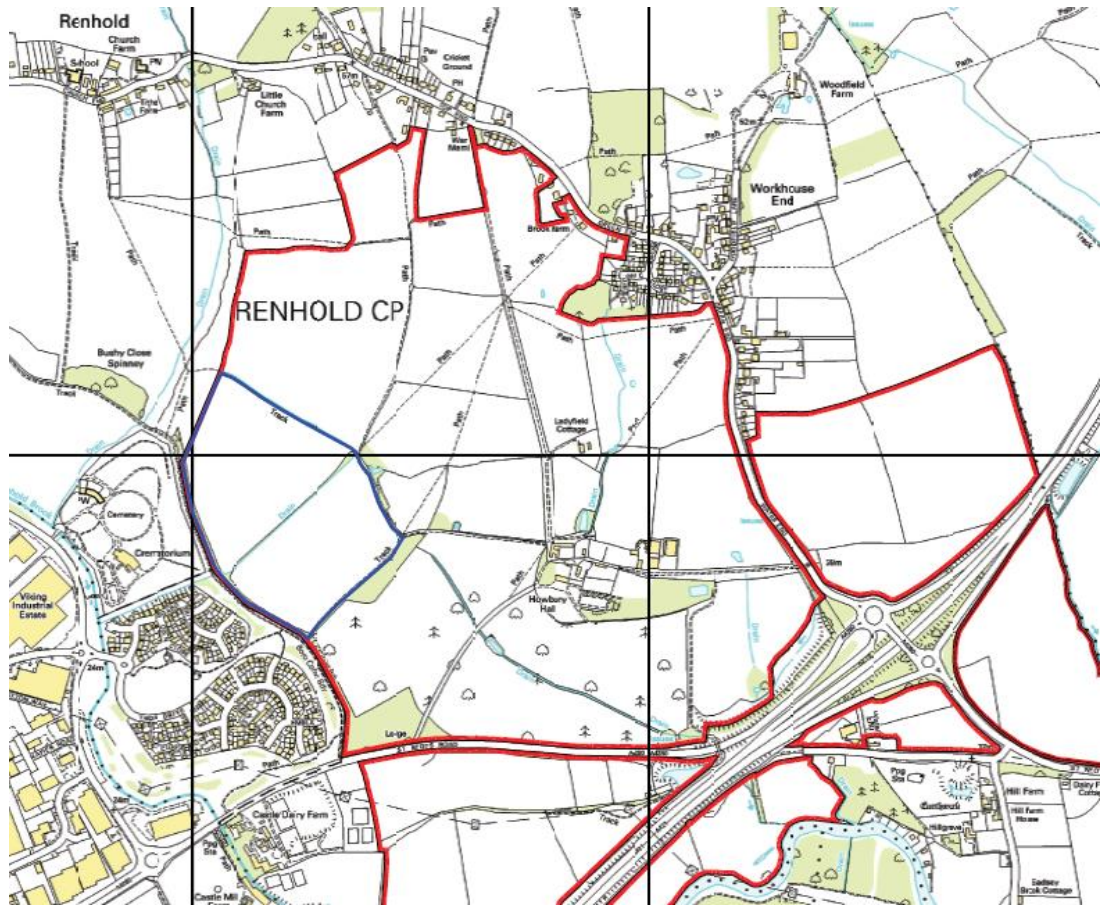


Figure 1: Promotion Land, edged blue

## 2 EXISTING HIGHWAY INFRASTRUCTURE APPRAISAL

### Site description

- 2.1 The Promotion Land consists of an area of undeveloped pasture, within the grounds of Howbury Hall Estate in Renhold, to the east of Bedford. The promotion Land is located to the north of St Neots Road, but immediately to the east of a residential development served by Asgard Drive and Thor Close. Howbury Hall Estate has an approximate 800m frontage to St Neots Road.

### Local highway network

- 2.2 St Neots Road forms part of the A4280 and provides a highway connection between the eastern extents of the urban settlement of Bedford and the A421, which forms part of the strategic Trunk Road network, managed by Highways England on behalf of the Department for Transport. St Neots Road would be classified as a District Distributor Road based upon the guidance contained in the Council's design guide.
- 2.3 St Neots Road is single (two Lane) carriageway with running traffic lanes that have a width of c.3.25m separated by hatched road markings. St Neots Road is subject to the national maximum speed limit (60mph for a single carriageway road, albeit towards the western boundary of the Howbury Hall Estate land, the speed limit reduces to 40mph.
- 2.4 Street lighting exists along St Neots Road from a point approximately 225m to the west of the change in speed limit, referred to above.
- 2.5 The location of the site, relative to the local highway network and transport infrastructure is illustrated in Figure 2.



Figure 2: Local highway context

### **Pedestrian infrastructure**

- 2.6 A pedestrian footway, adjacent the running carriageway exists along the northern side of St Neots Road and is c.1,5m in width. There is little in the form of a trip attractor for pedestrian movements to the east of Howbury Hall Estate, but the footway, located on the same side of St Neots Road as the promotion land, provide for journeys towards Elm Farm Industrial Estate and a number of retail units, including Go Outdoors, Lidl and Waitrose.
- 2.7 To the immediate west of the promotion land, an existing public bridleway provides a connection to an existing network of footpaths that permeate through the residential developments at Asgard Drive and Thor Drive and beyond to the north.

### **Public transport infrastructure**

- 2.8 An examination of local public transport infrastructure provision reveals that a number of local bus services pass along St Neots Road, albeit that the closest available bus stops are located to the west of the junction of the A4280 Goldington Road junction with Norse Road.

### 3 ACCESS APPRAISAL

- 3.1 Options for accessing the promotion land have been examined. St Neots Road is considered to be a District Distributor Road as defined by the Council's guidance. The Council guidance advises that, ***“on primary and district distributor road, the Highway Authority considers the maintenance of safe and free-flowing traffic conditions and reasonable average speeds to take precedence over the need for access onto these types of roads”***. Further, the Council design guide goes on to state that ***“it would prefer junctions with such road to be with roads of equal importance or roads in the next category down in the hierarchy via an appropriately designed road junction”***.
- 3.2 In qualifying the second theme of the advice above, the Council state that, a proposed junction ***“will be assessed to ensure that good design standards are adhered to with particular consideration given to layout and visibility, junction spacing and the effect of the junction on the movement of vehicles in the main road traffic flow”***.
- 3.3 In developing the appropriate form of access the requirements of the Council have been recognised. Suitable options have been examined and the guidance contained in the Design Manual for Roads and Bridges (DMRB) has been referred to. In particular, (CD 123) 'Geometric Design of At-Grade Priority and Signal-Controlled Junctions' and CD 116 'Geometric design of roundabouts' have been referred to. Pertinent to the need for good design, the DMRB provides a suitable reference source for the design of the junction to ensure that the Council requirement for 'good-design' is adhered to.
- 3.4 A three-arm roundabout is proposed to serve the development and two options have been examined. CD116 states, at paragraph 2.1.2 that a ***“roundabout should have 3 or more arms”*** and it is further noted that in addition to operating as a junction, a roundabout can also ***“emphasise the transition between rural and urban environments.”***
- 3.5 Both of the options include an appropriate Inscribe Circle Diameter (ICD), compliant with the requirements of paragraph 2.3.1 of CD 116, which states ***“Where the speed limit is 50mph or greater regardless of traffic flow, normal roundabouts should be provided”*** is proposed.
- 3.6 Option 1 comprises an access to the Promotion Land located towards the western boundary of the Howbury Hall Estate, to the east of an existing bridleway / footpath that forms part of the western boundary of the land and complies with the requirements of the Councils guidance and is illustrated in our drawing (number 1910-023/SK04 Revision A) **[Appendix A]**. This option enables the promotion Land to connect directly to the existing bridleway / footpath enabling pedestrians to use this route for access to St Neots Road.
- 3.7 Option 1 will form a defined 'gateway' to Bedford, marking the transition from an urban-rural setting to a more urban context, where land use density increases.

- 3.8 The second option locates the proposed access to the east of the existing estate access to St Neots Road, to the east of the small existing wooded copse, to the north of St Neots Road, with the access 'spine' road, passing to the north of the wooded copse after crossing the estate access road. The geometric layout of Option 2 is shown in our drawing (number 1910-023/SK03) **[Appendix B]**.
- 3.9 Given that the access options conform to the relevant geometric design standards of the DMRB, the designs can be described as being safe.
- 3.10 The Council does not provide definitive advice on the quantum of development that can be served by a specific type of number of accesses. It is typically expected that a development of more than 200 dwellings would be served by either multiple points of access, or a primary access with emergency provision.
- 3.11 It is however, noted that the development served by Asgard Drive essentially only has a single access to Norse Road and there are 271 dwellings.
- 3.12 A single point of access is appropriate in this instance and the highway analysis demonstrates that there is no highway capacity reason why a single point of access should not be acceptable, however, if an emergency access is necessary, the existing access to Howbury Hall Estate could be adapted and used if necessary.

### **Existing Traffic Flows**

- 3.13 To gain an understanding of the existing traffic conditions along the frontage of the Promotion Land two automatic traffic counts were commissioned. PCC Traffic Information Consultancy carried out the surveys for a period of 7-days, across 24-hours each day commencing on Thursday, 27 February 2020. Vehicle volumes and vehicle speeds were recorded to the east and west of the Promotion Land and this data is reproduced in Table 3.1 (Eastern ATC site – Westbound) to Table 3.4 (Eastern ATC site – Eastbound).

Table 3.1 Eastern ATC site – Westbound traffic flows

	Thu Feb 27	Fri Feb 28	Sat Feb 29	Sun Mar 1	Mon Mar 2	Tues Mar 3	Wed Mar 3	5-day Ave.	7-day Ave.
00:00	36	46	71	92	34	42	47	41	53
01:00	30	29	67	64	29	33	28	30	40
02:00	18	19	44	35	12	16	14	16	23
03:00	15	20	28	23	12	21	21	18	20
04:00	39	44	36	29	41	44	51	44	41
05:00	122	142	81	39	119	152	148	137	115
06:00	367	346	121	52	369	397	376	371	290
07:00	926	950	266	116	1006	1037	1074	999	768
08:00	1224	1288	529	214	1209	1256	1237	1243	994
09:00	798	912	662	480	796	793	811	822	750
10:00	645	746	837	636	600	592	673	651	676
11:00	617	720	957	795	714	740	667	692	744
12:00	689	782	1012	852	734	795	769	754	805
13:00	752	908	949	870	712	735	737	769	809
14:00	853	885	898	785	872	873	876	872	863
15:00	963	1065	819	632	960	1003	1026	1003	924
16:00	1171	1298	767	612	1257	1320	1164	1242	1084
17:00	1321	1204	712	536	1064	1350	1283	1244	1067
18:00	1025	861	542	453	1075	1018	1043	1004	860
19:00	526	515	372	314	495	540	538	523	471
20:00	264	306	244	211	259	302	330	292	274
21:00	204	248	180	164	201	213	230	219	206
22:00	193	187	181	115	175	205	192	190	178
23:00	79	128	142	66	50	103	98	92	95
<b>Total</b>									
<b>12H(7-19)</b>	10984	11619	8950	6981	10999	11512	11360	11295	10344
<b>16H(6-22)</b>	12345	13034	9867	7722	12323	12964	12834	12700	11584
<b>18H(6-24)</b>	12617	13349	10190	7903	12548	13272	13124	12982	11858
<b>24H(0-24)</b>	12877	13649	10517	8185	12795	13580	13433	13267	12148

Table 3.2 Eastern ATC site – Eastbound traffic flows

	Thu Feb 27	Fri Feb 28	Sat Feb 29	Sun Mar 1	Mon Mar 2	Tues Mar 3	Wed Mar 3	5-day Ave.	7-day Ave.
00:00	35	32	65	75	31	23	26	29	41
01:00	11	18	29	47	25	16	31	20	25
02:00	18	20	39	36	16	14	14	16	22
03:00	30	25	29	32	23	25	21	25	26
04:00	72	67	43	26	81	68	66	71	60
05:00	309	265	113	62	284	290	303	290	232
06:00	699	674	155	109	740	758	783	731	560
07:00	1141	1057	227	115	1090	1191	1165	1129	855
08:00	1097	1139	449	201	1131	1131	1240	1148	913
09:00	684	729	607	399	724	740	760	727	663
10:00	628	652	869	624	595	582	586	609	648
11:00	694	964	899	818	645	692	726	744	777
12:00	702	836	961	880	686	664	699	717	775
13:00	700	737	1010	841	720	736	786	736	790
14:00	791	795	860	744	787	830	779	796	798
15:00	913	900	846	741	931	944	908	919	883
16:00	986	1041	809	551	967	1071	1064	1026	927
17:00	843	857	755	434	918	946	989	911	820
18:00	644	689	565	424	592	690	689	661	613
19:00	438	466	356	331	418	461	433	443	415
20:00	381	285	248	225	346	341	387	348	316
21:00	225	242	244	183	269	287	263	257	245
22:00	121	197	171	83	112	144	181	151	144
23:00	60	124	121	43	62	69	58	75	77
<b>Total</b>									
<b>12H(7-19)</b>	9823	10396	8857	6772	9786	10217	10391	10123	9463
<b>16H(6-22)</b>	11566	12063	9860	7620	11559	12064	12257	11902	10998
<b>18H(6-24)</b>	11747	12384	10152	7746	11733	12277	12496	12127	11219
<b>24H(0-24)</b>	12222	12811	10470	8024	12193	12713	12957	12579	11627



Table 3.3 Western ATC site – Westbound traffic flows

	Thu Feb 27	Fri Feb 28	Sat Feb 29	Sun Mar 1	Mon Mar 2	Tues Mar 3	Wed Mar 3	5-day Ave.	7-day Ave.
00:00	36	46	71	92	34	43	46	41	53
01:00	30	28	67	64	27	33	26	29	39
02:00	17	20	43	35	10	16	14	15	22
03:00	14	18	28	23	12	20	21	17	19
04:00	39	41	38	29	40	45	50	43	40
05:00	117	143	84	37	118	150	148	135	114
06:00	356	344	126	51	378	408	382	374	292
07:00	980	991	265	117	1038	1078	1115	1040	798
08:00	1228	1361	535	214	1270	1331	1315	1301	1036
09:00	805	946	662	485	810	812	835	842	765
10:00	651	783	853	640	608	602	691	667	690
11:00	618	756	971	800	726	752	674	705	757
12:00	693	839	1035	858	736	801	784	771	821
13:00	749	955	973	891	730	741	759	787	828
14:00	869	915	904	789	886	894	889	891	878
15:00	968	1129	829	641	973	1025	1066	1032	947
16:00	1197	1420	785	620	1289	1339	1308	1311	1137
17:00	1325	1245	721	542	1183	1367	1341	1292	1103
18:00	1039	883	547	457	1077	1045	1091	1027	877
19:00	530	519	378	313	493	546	527	523	472
20:00	270	311	242	211	260	303	257	280	265
21:00	207	252	181	165	200	212	205	215	203
22:00	193	186	181	114	176	205	154	183	173
23:00	80	125	144	67	50	102	67	85	91
<b>Total</b>									
<b>12H(7-19)</b>	11122	12223	9080	7054	11326	11787	11868	11665	10637
<b>16H(6-22)</b>	12485	13649	10007	7794	12657	13256	13239	13057	11870
<b>18H(6-24)</b>	12758	13960	10332	7975	12883	13563	13460	13325	12133
<b>24H(0-24)</b>	13011	14256	10663	8255	13124	13870	13765	13605	12421

Table 3.4 Western ATC site – Eastbound traffic flows

	Thu Feb 27	Fri Feb 28	Sat Feb 29	Sun Mar 1	Mon Mar 2	Tues Mar 3	Wed Mar 3	5-day Ave.	7-day Ave.
00:00	35	35	66	77	32	25	30	31	43
01:00	13	20	30	50	24	18	29	21	26
02:00	18	23	37	38	14	15	15	17	23
03:00	30	28	29	32	24	23	21	25	27
04:00	73	64	48	26	81	70	65	71	61
05:00	307	268	112	61	284	304	306	294	235
06:00	716	691	162	111	755	778	782	744	571
07:00	1166	1090	231	117	1111	1219	1179	1153	873
08:00	1082	1154	473	207	1147	1120	1245	1150	918
09:00	701	759	618	415	740	760	777	747	681
10:00	640	706	877	630	607	595	590	628	664
11:00	704	1003	906	822	664	711	736	764	792
12:00	707	876	966	886	687	674	718	732	788
13:00	700	767	1026	846	732	742	778	744	799
14:00	799	825	870	743	780	861	789	811	810
15:00	924	938	856	745	934	934	917	929	893
16:00	980	1073	827	551	972	1059	1057	1028	931
17:00	850	867	766	433	936	952	840	889	806
18:00	652	703	570	431	607	704	637	661	615
19:00	441	476	358	337	436	468	418	448	419
20:00	387	290	249	230	346	346	310	336	308
21:00	227	246	248	187	273	285	228	252	242
22:00	124	202	179	83	121	144	121	142	139
23:00	61	118	123	46	63	72	55	74	77
<b>Total</b>									
<b>12H(7-19)</b>	9905	10761	8986	6826	9917	10331	10263	10235	9570
<b>16H(6-22)</b>	11676	12464	10003	7691	11727	12208	12001	12015	11110
<b>18H(6-24)</b>	11861	12784	10305	7820	11911	12424	12177	12231	11326
<b>24H(0-24)</b>	12337	13222	10627	8104	12370	12879	12643	12690	11740

- 3.14 The directional peak hour flows for the morning (8am – 9am) peak and evening (5pm – 6pm) peak have been added together and averaged to provide data to assess the performance of the junction to demonstrate that the proposal will not affect the free-flow of traffic along St Neots Road. This is a further requirement of the Council's design guide.

**Existing vehicle speeds**

- 3.15 In addition to surveying the volume of traffic travelling along St Neots Road, the automatic traffic counts recorded the 85th percentile speed of traffic at each site in each direction. The data revealed that, to the east of the site, traffic travelling in a westbound direction, towards Bedford recorded an 85th percentile of 49mph, whilst those travelling eastbound at this bound, did so at an 85th percentile speed of 48mph. This section of St Neots Road is subject to national speed limits, 60mph in this context.
- 3.16 At the western site the westbound 85th percentile recorded speed was 46mph, whereas, in the opposite direction, the 85th percentile speed was 47mph.
- 3.17 In each case it is event that the 5-day average 85th percentile speeds were below the posted national speed limit.
- 3.18 A copy of the vehicle volume and speed data is contained in **Appendix C**.

**Junction analysis**

- 3.19 The TRICS database has been interrogated to extract peak hour trip rates which have been applied to a development of 300 dwellings to derive a forecast peak hour traffic generation. The surveyed traffic flows along St Neots Road, as derived from the surveys, has been used to assign the forecast development traffic across the local highway network.
- 3.20 The performance of the site access junction has been tested using the ARCADY module of the Transport Research Laboratory software programme, Junctions 9. The results of the analysis are presented in Table 3.5.

Table 3.5 Junctions 9 – Site access modelling results

Arm	Morning peak			Evening peak		
	RFC	Queue	Delay (seconds)	RFC	Queue	Delay (seconds)
St Neots Road (west)	0.69	2	7	0.58	1	5
Site access	0.17	0	6	0.06	0	5
St Neots Road (east)	0.76	3	9	0.87	7	18

- 3.21 The results of the analysis demonstrate that the junction will operate within capacity during the morning peak hour. Although a maximum recorded ratio of flow to capacity (RFC) of 0.87 (87%) is recorded in the evening peak, on the eastern arm of the junction, a maximum queue of 7 vehicles is not deemed severe on a main radial route into Bedford.

## 4 CONCLUSION

- 4.1 Transport Planning Associates (TPA) has been instructed by Phillips Planning Services (PPS) to evaluate options for access to land at Howbury Hall Estate, Renhold that is being promoted through the Bedford Borough Council Local Plan for a development of up to 300 dwellings.
- 4.2 Both options for access comprise three-arm roundabouts, which is considered to be a suitable form of access for a development of up to 300 dwellings.
- 4.3 Traffic speed data collected along St Neots Road reveals that vehicles travel at speeds less than the posted speed limit.
- 4.4 Highway capacity analysis of the site access arrangement demonstrates that the junction will have adequate capacity to accommodate the development without a severe impact upon the free-flow of traffic along St Neots Road. Demonstrating that proposed access does not have an adverse impact on the operation and free-flow of traffic is one of the key tests of the Council that is satisfied by this proposal.
- 4.5 The proposed access has been designed with reference to and is fully compliant with the guidance contained in the Design Manual for Roads and Bridges and includes appropriate visibility reflective of the traffic speed conditions that exist along St Neots Road.
- 4.6 In considering the requirement of the Council design guide where it states **“it would prefer junctions with such roads to be with roads of equal importance or roads in the next category down in the hierarchy via an appropriately designed road junction”**.
- 4.7 Access to the proposed promotion land is fully compliant with all aspects of the Council's design criteria and can be considered to be a safe design.

**DOCUMENT SIGNATURE AND REVIEW SHEET**

	Prepared By:	Checked By:	Approved for issue
<b>Name</b>	██████████	██████████	██████████
<b>Signature</b>	JC	LM	JC
<b>Date</b>	29/04/20	29/04/20	29/04/20

**Document Review**

Revision	Date	Description	Checked By

# APPENDIX A

A2  
ORIGINAL  
PLOT SIZE

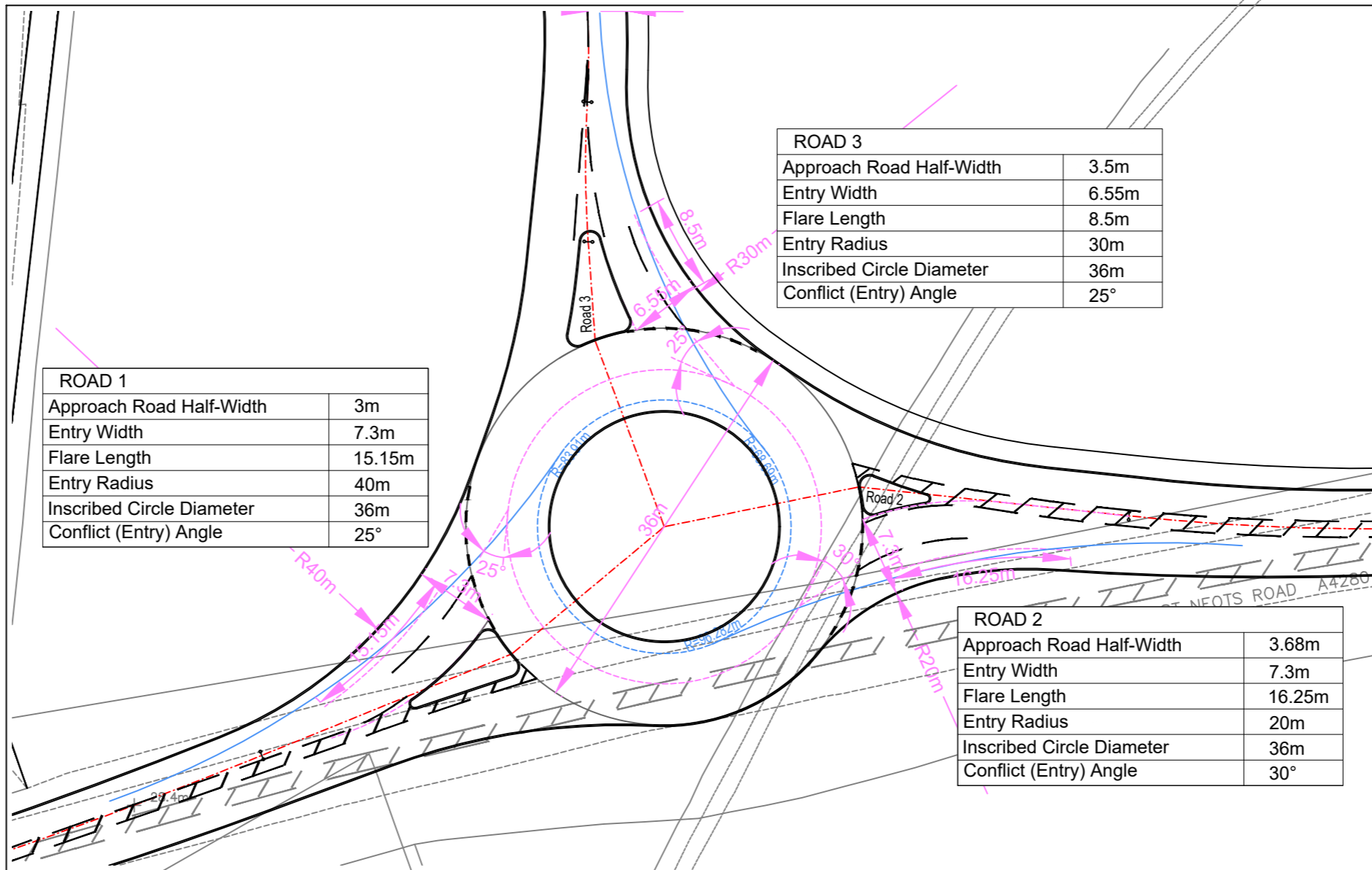
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Scale:-  
1:1,000

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- NOTES:
1. Indicative un-surveyed existing road markings.
  2. Highway Boundary interpreted from information supplied by Bedford Borough Council.
  3. Subject to topographical survey.

- KEY
- - - - - Indicative Site Boundary.
  - Highway Boundary maintainable at public expense.



Rev	Date	Details	Drawn by	Checked by	Approved by
A	21.04.20	Eastbound forward visibility added.	RC	JC	JC

Bristol  
Cambridge  
London  
Manchester  
Oxford  
Welwyn Garden City



The Stables  
7 Chesterton Mill  
French's Road  
Cambridge  
CB4 3NP  
01223 455385  
www.tpa.uk.com

CLIENT:  
**Howbury Hall Farm**

PROJECT:  
**Howbury Hall Estate,  
Renhold**

TITLE:  
**Proposed Roundabout  
Primary Access**

STATUS:  
**FEASIBILITY**

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	16.04.20	RC	JC	JC
JOB NO:	DRAWING NO:	REVISION:		
1910-023	SK04	A		

INDICATIVE

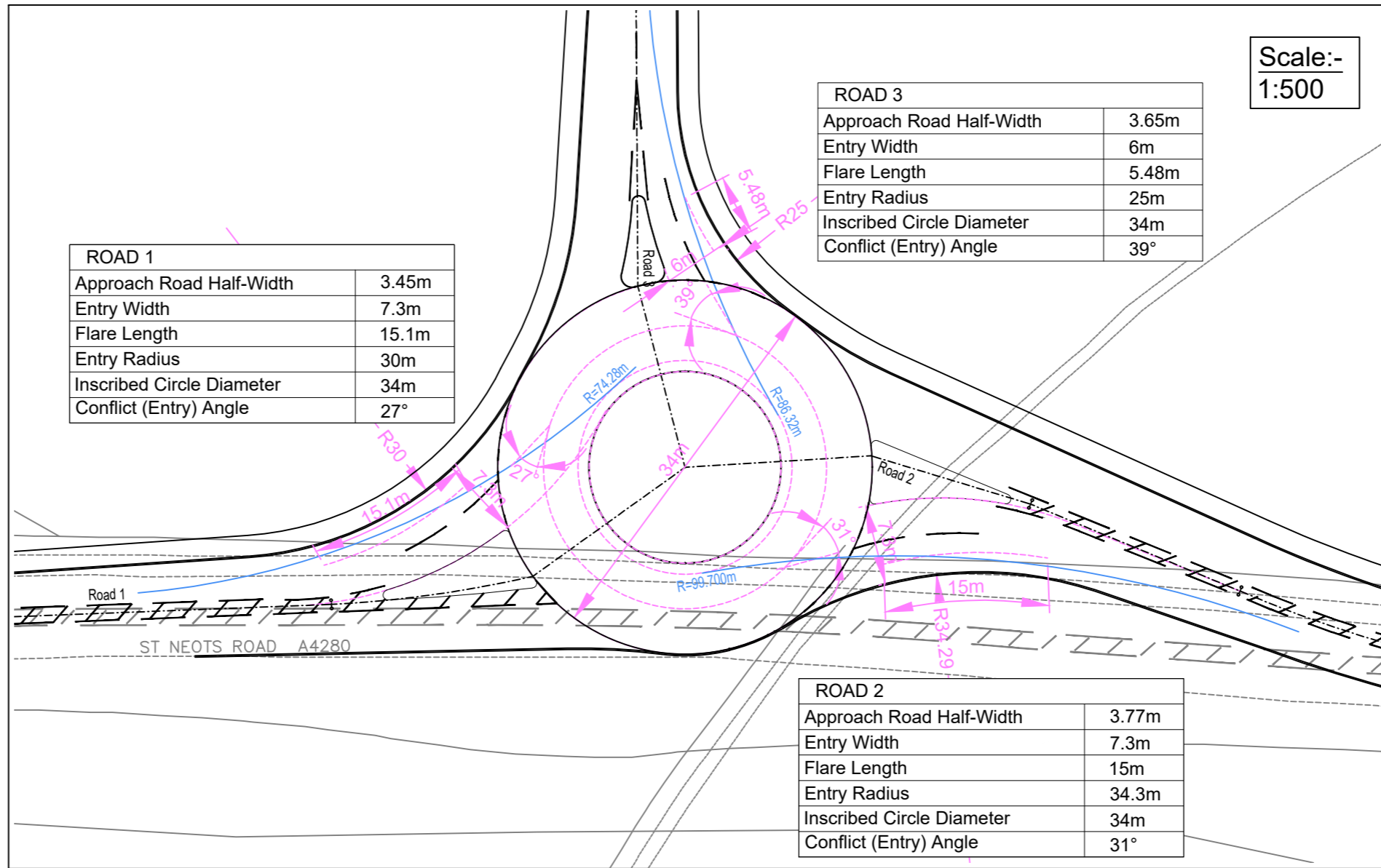
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# APPENDIX B



A2  
ORIGINAL  
PLOT SIZE

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Scale:-  
1:500

Scale:-  
1:1,000

ROAD 1	
Approach Road Half-Width	3.45m
Entry Width	7.3m
Flare Length	15.1m
Entry Radius	30m
Inscribed Circle Diameter	34m
Conflict (Entry) Angle	27°

ROAD 3	
Approach Road Half-Width	3.65m
Entry Width	6m
Flare Length	5.48m
Entry Radius	25m
Inscribed Circle Diameter	34m
Conflict (Entry) Angle	39°

ROAD 2	
Approach Road Half-Width	3.77m
Entry Width	7.3m
Flare Length	15m
Entry Radius	34.3m
Inscribed Circle Diameter	34m
Conflict (Entry) Angle	31°

- NOTES:
1. Indicative un-surveyed existing road markings.
  2. Highway Boundary interpreted from information supplied by Bedford Borough Council.
  3. Subject to topographical survey.

- KEY
- - - - - Indicative Site Boundary.
  - ▭ Highway Boundary maintainable at public expense.

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

Bristol  
Cambridge  
London  
Manchester  
Oxford  
Welwyn Garden City



The Stables  
7 Chesterton Mill  
French's Road  
Cambridge  
CB4 3NF  
01223 455385  
www.tpa.uk.com

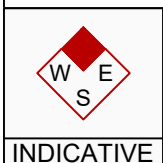
CLIENT:  
**Howbury Hall Farm**

PROJECT:  
**Howbury Hall Estate,  
Renhold**

TITLE:  
**Proposed Roundabout  
Primary Access**

STATUS:  
**FEASIBILITY**

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	09.04.20	RC	JC	JC
JOB NO:	DRAWING NO:	REVISION:		
1910-023	SK03	-		



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# APPENDIX C

St Neots Road, Bedford (Eastern Site)

Site No. 519801 Site Ref. 519801

East Site

Vehicle Count Report Week Begin: 27 February 2020 Channel: Westbound

Table with columns for time (00:00 to 23:00), Mon-Fri, Sat, Sun, Mon, Tue, Wed, Thu, Fri, and Day Ave. Includes Total, AM Peak, and PM Peak rows.

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801

East Site

Vehicle Count Report Week Begin: 27 February 2020 Channel: Eastbound

Table with columns for time (00:00 to 23:00), Mon-Fri, Sat, Sun, Mon, Tue, Wed, Thu, Fri, and Day Ave. Includes Total, AM Peak, and PM Peak rows.

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801

East Site

Vehicle Count Report Week Begin: 27 February 2020 Channel: Total Flow

Table with columns for time (00:00 to 23:00), Mon-Fri, Sat, Sun, Mon, Tue, Wed, Thu, Fri, and Day Ave. Includes Total, AM Peak, and PM Peak rows.

PCC Traffic Information Consultancy Ltd.



# St Neots Road, Bedford (Eastern Site)

Site No. 519801

Site Ref. 519801

East Site

Classification Report

Week Begin: 27 February 2020

Channel: Westbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
Thu 27 Feb	12877	33	11250	1205	312	77
Fri 28 Feb	13649	31	12096	1172	278	72
Sat 29 Feb	10517	16	9842	518	85	56
Sun 1 Mar	8185	23	7742	330	49	41
Mon 2 Mar	12795	51	11197	1158	310	79
Tue 3 Mar	13580	55	11866	1208	368	83
Wed 4 Mar	13433	35	11831	1194	301	72
5 Day Ave.	13267	41	11648	1187	314	77
7 Day Ave.	12148	35	10832	969	243	69

PCC Traffic Information Consultancy Ltd.

Site No. 519801

Site Ref. 519801

East Site

Classification Report

Week Begin: 27 February 2020

Channel: Eastbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
Thu 27 Feb	12222	21	10936	982	233	50
Fri 28 Feb	12811	28	11560	936	250	37
Sat 29 Feb	10470	23	9869	453	86	39
Sun 1 Mar	8024	25	7671	262	42	24
Mon 2 Mar	12193	55	10810	979	284	65
Tue 3 Mar	12713	41	11320	1014	277	61
Wed 4 Mar	12957	45	11486	1013	336	77
5 Day Ave.	12579	38	11222	985	276	58
7 Day Ave.	11627	34	10522	806	215	50

PCC Traffic Information Consultancy Ltd.

Site No. 519801

Site Ref. 519801

East Site

Classification | Site No.

Week Begin: 27 February 2020

Channel: Total Flow

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
Thu 27 Feb	25099	54	22186	2187	545	127
Fri 28 Feb	26460	59	23656	2108	528	109
Sat 29 Feb	20987	39	19711	971	171	95
Sun 1 Mar	16209	48	15413	592	91	65
Mon 2 Mar	24988	106	22007	2137	594	144
Tue 3 Mar	26293	96	23186	2222	645	144
Wed 4 Mar	26390	80	23317	2207	637	149
5 Day Ave.	25846	79	22870	2172	590	135
7 Day Ave.	23775	69	21354	1775	459	119

PCC Traffic Information Consultancy Ltd.



# St Neots Road, Bedford (Eastern Site)

Site No. 519801 Site Ref. 519801

East Site  
Speed Report (Speed Limit 60 Mph)

Week Begin: 27 February 2020

Channel: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-<15	Bin 3 15-<20	Bin 4 20-<25	Bin 5 25-<30	Bin 6 30-<35	Bin 7 35-<40	Bin 8 40-<45	Bin 9 45-<50	Bin 10 50-<55	Bin 11 55-<60	Bin 12 60-<65	Bin 13 =>65
Thu 27 Feb	12877	49	42	7	8	10	21	57	290	1410	3101	3901	2618	1000	333	101	27
Fri 28 Feb	13649	48	41	7	15	15	15	51	250	1721	3983	4131	2262	833	281	63	29
Sat 29 Feb	10517	52	46	6	0	1	0	2	9	70	985	3272	3859	1645	490	126	58
Sun 1 Mar	8185	54	48	6	0	1	0	3	6	39	454	2068	3109	1703	594	153	55
Mon 2 Mar	12795	49	41	9	97	202	307	264	424	1240	2460	3440	2795	1137	317	85	27
Tue 3 Mar	13580	49	41	8	6	126	184	198	392	1444	3151	3903	2726	1032	296	89	33
Wed 4 Mar	13433	49	41	7	16	12	29	71	578	1676	3282	3917	2525	926	287	79	35
5 Day Ave.	13267	49	41	8	28	73	111	128	387	1498	3195	3858	2585	986	303	83	30
7 Day Ave.	12148	50	43	7	20	52	79	92	278	1086	2488	3519	2842	1182	371	99	38

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801

East Site  
Speed Report (Speed Limit 60 Mph)

Week Begin: 27 February 2020

Channel: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-<15	Bin 3 15-<20	Bin 4 20-<25	Bin 5 25-<30	Bin 6 30-<35	Bin 7 35-<40	Bin 8 40-<45	Bin 9 45-<50	Bin 10 50-<55	Bin 11 55-<60	Bin 12 60-<65	Bin 13 =>65
Thu 27 Feb	12222	49	42	6	10	13	21	34	97	854	3171	4375	2572	812	192	42	29
Fri 28 Feb	12811	47	40	7	96	166	251	141	196	1179	3762	4159	1963	641	183	54	20
Sat 29 Feb	10470	50	44	6	1	15	15	33	57	314	1966	3790	2826	1059	289	78	27
Sun 1 Mar	8024	52	45	6	0	0	1	2	10	155	1139	2695	2488	1074	333	88	39
Mon 2 Mar	12193	49	41	7	202	158	183	108	117	746	2808	4193	2506	848	236	58	30
Tue 3 Mar	12713	48	41	7	41	121	70	74	212	906	3569	4397	2268	763	204	57	31
Wed 4 Mar	12957	48	39	8	197	353	228	197	371	1132	3259	4149	2204	629	176	40	22
5 Day Ave.	12579	48	41	7	109	162	151	111	199	963	3314	4255	2303	739	198	50	26
7 Day Ave.	11627	49	42	7	78	118	110	84	151	755	2811	3965	2404	832	230	60	28

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801

East Site  
Speed Report (Speed Limit 60 Mph)

Week Begin: 27 February 2020

Channel: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-<15	Bin 3 15-<20	Bin 4 20-<25	Bin 5 25-<30	Bin 6 30-<35	Bin 7 35-<40	Bin 8 40-<45	Bin 9 45-<50	Bin 10 50-<55	Bin 11 55-<60	Bin 12 60-<65	Bin 13 =>65
Thu 27 Feb	25099	49	42	7	18	23	42	91	387	2264	6272	8276	5190	1812	525	143	56
Fri 28 Feb	26460	48	41	7	111	181	266	192	446	2900	7745	8290	4225	1474	464	117	49
Sat 29 Feb	20987	51	45	6	1	16	15	35	66	384	2951	7062	6685	2704	779	204	85
Sun 1 Mar	16209	53	47	6	0	1	1	5	16	194	1593	4763	5597	2777	927	241	94
Mon 2 Mar	24988	49	41	8	299	360	490	372	541	1986	5268	7633	5301	1985	553	143	57
Tue 3 Mar	26293	49	41	7	47	247	254	272	604	2350	6720	8300	4994	1795	500	146	64
Wed 4 Mar	26390	48	40	8	213	365	257	268	949	2808	6541	8066	4729	1555	463	119	57
5 Day Ave.	25846	49	41	7	138	235	262	239	585	2462	6509	8113	4888	1724	501	134	57
7 Day Ave.	23775	50	42	7	98	170	189	176	430	1841	5299	7484	5246	2015	602	159	66

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Eastern Site)

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 27 Feb 2020 Channel: Westbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	36	0	31	0	3	2
01:00	30	1	22	3	4	0
02:00	18	0	13	4	1	0
03:00	15	0	10	1	3	1
04:00	39	1	28	6	2	2
05:00	122	2	107	11	1	1
06:00	367	4	324	26	10	3
07:00	926	2	797	96	28	3
08:00	1224	4	1101	92	25	2
09:00	798	1	666	98	29	4
10:00	645	3	521	85	32	4
11:00	617	2	500	86	22	7
12:00	689	1	574	89	19	6
13:00	752	1	620	106	20	5
14:00	853	0	718	106	18	12
15:00	963	3	805	125	20	10
16:00	1173	1	1046	94	27	3
17:00	1321	3	1232	65	18	3
18:00	1025	2	912	34	14	3
19:00	526	0	480	40	5	1
20:00	264	0	237	19	7	1
21:00	204	0	194	8	0	2
22:00	153	1	137	10	4	1
23:00	79	1	75	2	0	1
<b>Total</b>						
12H(7-19)	10984	23	9552	1075	272	62
16H(6-22)	12345	27	10787	1168	294	69
18H(6-24)	12617	29	11039	1180	298	71
24H(0-24)	12877	33	11250	1205	312	77
<b>AM Peak</b>	08:00 1224	08:00 4	08:00 1101	09:00 98	10:00 32	11:00 7
<b>PM Peak</b>	17:00 1321	17:00 3	17:00 1232	15:00 125	16:00 27	14:00 12

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 27 Feb 2020 Channel: Eastbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	35	0	32	3	0	0
01:00	11	0	9	0	2	0
02:00	18	0	12	3	3	0
03:00	30	0	22	5	3	0
04:00	72	0	55	11	4	2
05:00	309	0	262	30	8	9
06:00	699	2	592	87	16	2
07:00	1141	1	1038	93	9	0
08:00	1097	3	1012	66	14	2
09:00	684	1	593	70	18	2
10:00	628	0	526	82	18	2
11:00	694	0	588	79	23	4
12:00	702	1	609	68	20	4
13:00	700	1	607	70	19	3
14:00	791	0	684	86	17	4
15:00	913	1	802	82	21	7
16:00	986	3	903	58	17	5
17:00	843	0	809	28	5	1
18:00	644	1	614	24	5	0
19:00	438	2	418	17	1	0
20:00	381	3	361	12	4	1
21:00	225	1	217	5	1	1
22:00	121	0	118	1	1	1
23:00	60	1	53	2	4	0
<b>Total</b>						
12H(7-19)	9823	12	8785	806	186	34
16H(6-22)	11566	20	10373	927	208	38
18H(6-24)	11747	21	10544	930	213	39
24H(0-24)	12222	21	10936	982	233	50
<b>AM Peak</b>	07:00 1141	08:00 3	07:00 1038	07:00 93	11:00 23	05:00 9
<b>PM Peak</b>	16:00 986	20:00 3	16:00 903	14:00 86	15:00 21	15:00 7

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 27 Feb 2020 Channel: Total Flow

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	71	0	63	3	3	2
01:00	41	1	31	3	6	0
02:00	36	0	25	7	4	0
03:00	45	0	32	6	6	1
04:00	111	1	83	17	6	4
05:00	431	2	369	41	9	10
06:00	1065	6	916	113	26	5
07:00	2067	3	1835	189	37	3
08:00	2321	7	2113	158	39	4
09:00	1482	2	1259	168	47	6
10:00	1273	3	1047	167	50	6
11:00	1211	2	1088	165	45	11
12:00	1391	2	1183	157	39	10
13:00	1452	2	1227	176	39	8
14:00	1644	0	1402	191	35	16
15:00	1876	4	1607	207	41	17
16:00	2157	4	1949	152	44	8
17:00	2164	3	2041	93	23	4
18:00	1669	3	1586	58	19	3
19:00	964	2	898	57	6	1
20:00	645	3	598	31	11	2
21:00	429	1	411	13	1	3
22:00	314	1	295	11	5	2
23:00	139	2	128	4	4	1
<b>Total</b>						
12H(7-19)	20807	35	18337	1881	458	96
16H(6-22)	23911	47	21160	2095	502	107
18H(6-24)	24264	50	21583	2110	511	110
24H(0-24)	25099	54	22186	2187	545	127
<b>AM Peak</b>	08:00 2321	08:00 7	08:00 2113	07:00 189	10:00 50	11:00 11
<b>PM Peak</b>	17:00 2164	16:00 4	17:00 2041	15:00 207	16:00 44	15:00 17

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Eastern Site)

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 28 Feb 2020 Channel: Westbound

Time	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	46	0	40	2	3	1
01:00	29	0	21	1	6	1
02:00	19	0	12	3	3	1
03:00	20	1	14	3	2	0
04:00	44	0	33	4	5	2
05:00	142	2	127	9	3	1
06:00	346	3	301	27	11	4
07:00	950	5	818	98	26	3
08:00	1288	2	1149	109	22	6
09:00	912	6	791	87	22	6
10:00	746	1	623	93	27	2
11:00	720	2	619	80	16	3
12:00	782	1	671	82	24	4
13:00	908	2	777	99	21	9
14:00	885	0	758	98	22	7
15:00	1065	0	925	110	24	6
16:00	1298	1	1191	92	9	5
17:00	1204	1	1117	77	7	2
18:00	861	2	819	30	9	1
19:00	515	1	475	31	7	1
20:00	306	1	286	16	1	2
21:00	248	0	229	11	5	3
22:00	187	0	175	8	3	1
23:00	128	0	125	2	0	1
<b>Total</b>						
12H(7-19)	11619	23	10258	1055	229	54
16H(6-22)	13034	28	11549	1140	253	64
18H(6-24)	13349	28	11849	1150	256	66
24H(0-24)	13649	31	12096	1172	278	72
<b>AM Peak</b>	08:00 1288	09:00 6	08:00 1149	08:00 109	10:00 27	09:00 6
<b>PM Peak</b>	16:00 1298	18:00 2	16:00 1191	15:00 110	15:00 24	13:00 9

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 28 Feb 2020 Channel: Eastbound

Time	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	32	0	25	3	3	0
01:00	18	0	13	2	2	1
02:00	20	0	13	3	4	0
03:00	25	0	19	4	2	0
04:00	67	0	52	9	3	3
05:00	265	1	210	39	12	3
06:00	674	1	583	68	18	4
07:00	1057	0	947	92	17	1
08:00	1139	0	1042	83	14	0
09:00	729	1	646	69	11	2
10:00	652	2	574	58	13	5
11:00	964	5	856	86	14	3
12:00	836	2	745	71	15	3
13:00	737	2	644	72	18	1
14:00	795	3	706	74	10	2
15:00	900	4	807	67	20	2
16:00	1041	4	937	42	56	2
17:00	871	0	816	35	6	0
18:00	689	1	656	25	4	3
19:00	466	1	450	12	3	0
20:00	285	1	272	7	4	1
21:00	242	0	232	7	2	1
22:00	197	0	192	5	0	0
23:00	124	0	120	3	1	0
<b>Total</b>						
12H(7-19)	10396	24	9376	774	198	24
16H(6-22)	12063	27	10913	868	225	30
18H(6-24)	12384	27	11225	876	226	30
24H(0-24)	12811	28	11560	936	250	37
<b>AM Peak</b>	08:00 1139	11:00 5	08:00 1042	07:00 92	06:00 18	10:00 5
<b>PM Peak</b>	16:00 1041	16:00 4	16:00 937	14:00 74	16:00 56	18:00 3

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 28 Feb 2020 Channel: Total Flow

Time	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	78	0	68	5	4	1
01:00	47	0	34	3	8	2
02:00	39	0	25	6	7	1
03:00	45	1	33	7	4	0
04:00	111	0	85	13	8	5
05:00	407	3	337	48	15	4
06:00	1020	4	884	95	29	8
07:00	2007	5	1765	190	43	4
08:00	2427	2	2191	192	36	6
09:00	1641	7	1437	156	33	8
10:00	1398	3	1197	151	40	7
11:00	1684	7	1475	166	30	6
12:00	1618	3	1416	153	39	7
13:00	1645	4	1421	171	39	10
14:00	1680	3	1464	172	32	9
15:00	1965	4	1732	177	44	8
16:00	2339	5	2128	134	65	7
17:00	2061	1	1933	112	13	2
18:00	1550	3	1475	55	13	4
19:00	981	2	925	43	10	1
20:00	591	2	558	23	5	3
21:00	490	0	461	18	7	4
22:00	384	0	367	13	3	1
23:00	252	0	245	5	1	1
<b>Total</b>						
12H(7-19)	22015	47	19634	1829	427	78
16H(6-22)	25097	55	22462	2008	478	94
18H(6-24)	25723	55	23074	2026	482	96
24H(0-24)	26460	59	23656	2108	528	109
<b>AM Peak</b>	08:00 2427	11:00 7	08:00 2191	08:00 192	07:00 43	09:00 8
<b>PM Peak</b>	16:00 2339	16:00 5	16:00 2128	15:00 177	16:00 65	13:00 10

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Eastern Site)

Site No. 519801

Site Ref. 519801

East Site

Classification Report

29 Feb 2020

Channel: Westbound

Time	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Min	Bin 3 GV	Bin 4 HGV	Bin 5 Bus
00:00	71	1	62	4	2	2
01:00	67	0	56	6	5	0
02:00	44	0	40	4	0	0
03:00	28	0	20	5	1	2
04:00	36	0	29	3	4	0
05:00	81	0	68	6	2	5
06:00	121	0	107	5	5	4
07:00	266	0	226	31	5	4
08:00	529	0	485	35	8	1
09:00	602	1	516	39	5	1
10:00	837	0	779	48	7	3
11:00	957	1	899	51	3	3
12:00	1012	4	958	45	3	2
13:00	949	2	895	41	5	6
14:00	898	1	848	36	10	3
15:00	819	2	779	32	3	3
16:00	767	0	726	32	5	4
17:00	712	1	673	31	3	4
18:00	542	2	514	19	5	2
19:00	372	0	354	15	2	1
20:00	244	1	234	7	0	2
21:00	180	0	173	4	1	2
22:00	181	0	169	10	1	1
23:00	142	0	132	9	0	1
<b>Total</b>						
12H(7-19)	8950	14	8398	440	62	36
16H(6-22)	9867	15	9266	471	70	45
18H(6-24)	10190	15	9567	490	71	47
24H(0-24)	10517	16	9842	518	85	56
<b>AM Peak</b>	11:00	11:00	11:00	11:00	08:00	05:00
	957	1	899	51	8	5
<b>PM Peak</b>	12:00	12:00	12:00	14:00	13:00	
	1012	4	958	45	10	6

PCC Traffic Information Consultancy Ltd.

Site No. 519801

Site Ref. 519801

East Site

Classification Report

29 Feb 2020

Channel: Eastbound

Time	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Min	Bin 3 GV	Bin 4 HGV	Bin 5 Bus
00:00	65	0	62	3	0	0
01:00	29	0	26	1	0	2
02:00	39	0	33	2	4	0
03:00	29	0	23	3	3	0
04:00	43	0	38	2	3	0
05:00	113	1	96	11	2	3
06:00	155	1	129	12	6	7
07:00	227	0	185	37	1	4
08:00	449	0	401	40	6	2
09:00	607	0	574	29	3	1
10:00	869	1	817	46	5	0
11:00	899	5	851	35	5	3
12:00	961	2	916	37	5	1
13:00	1010	4	958	39	8	1
14:00	860	3	817	31	8	1
15:00	846	0	809	24	9	4
16:00	809	2	766	34	6	1
17:00	755	2	724	23	3	3
18:00	565	1	535	21	6	2
19:00	356	0	346	7	2	1
20:00	248	0	243	4	0	1
21:00	244	1	234	8	0	1
22:00	171	0	170	0	0	1
23:00	121	0	116	4	1	0
<b>Total</b>						
12H(7-19)	8857	20	8353	396	65	23
16H(6-22)	9860	22	9305	427	73	33
18H(6-24)	10152	22	9591	431	74	34
24H(0-24)	10470	23	9869	453	86	39
<b>AM Peak</b>	11:00	11:00	11:00	10:00	08:00	06:00
	899	5	851	46	6	7
<b>PM Peak</b>	13:00	13:00	13:00	13:00	15:00	15:00
	1010	4	958	39	9	4

PCC Traffic Information Consultancy Ltd.

Site No. 519801

Site Ref. 519801

East Site

Classification Report

29 Feb 2020

Channel: Total Flow

Time	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Min	Bin 3 GV	Bin 4 HGV	Bin 5 Bus
00:00	136	1	124	7	2	2
01:00	96	0	82	7	5	2
02:00	83	0	73	6	4	0
03:00	57	0	43	8	4	2
04:00	79	0	67	5	7	0
05:00	194	1	164	17	4	8
06:00	276	1	236	17	11	11
07:00	493	0	411	68	6	8
08:00	978	0	886	75	14	3
09:00	1269	1	1190	68	8	2
10:00	1706	1	1596	94	12	3
11:00	1856	6	1750	86	8	6
12:00	1973	6	1874	82	8	3
13:00	1959	6	1853	80	13	7
14:00	1758	4	1665	67	18	4
15:00	1665	2	1588	56	12	7
16:00	1576	2	1492	66	11	5
17:00	1467	3	1397	54	6	7
18:00	1107	3	1049	40	11	4
19:00	728	0	700	22	4	2
20:00	492	1	477	11	0	3
21:00	424	1	407	12	1	3
22:00	352	0	339	10	1	2
23:00	263	0	248	13	1	1
<b>Total</b>						
12H(7-19)	17807	34	16751	836	127	59
16H(6-22)	19727	37	18571	898	143	78
18H(6-24)	20342	37	19158	921	145	81
24H(0-24)	20987	39	19711	971	171	95
<b>AM Peak</b>	11:00	11:00	11:00	10:00	08:00	06:00
	1856	6	1750	94	14	11
<b>PM Peak</b>	12:00	13:00	12:00	12:00	14:00	17:00
	1973	6	1874	82	18	7

PCC Traffic Information Consultancy Ltd.



PCC St Neots Road, Bedford (Eastern Site)

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 01 Mar 2020 Channel: Westbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 HGV	Bin 5 Bus
00:00	92	0	87	4	0	1
01:00	64	0	61	3	0	0
02:00	35	0	29	4	2	0
03:00	23	0	23	0	0	0
04:00	29	0	22	1	1	5
05:00	39	0	34	1	2	2
06:00	52	0	47	4	1	0
07:00	116	1	96	15	3	1
08:00	214	1	193	18	2	0
09:00	480	3	447	26	3	1
10:00	636	4	608	23	1	0
11:00	795	2	758	34	0	1
12:00	852	2	823	21	4	2
13:00	870	1	833	26	8	2
14:00	785	0	750	28	3	4
15:00	632	1	603	27	1	0
16:00	612	6	575	21	4	6
17:00	536	1	511	17	5	2
18:00	453	1	426	20	2	4
19:00	314	0	301	8	3	2
20:00	211	0	195	13	0	3
21:00	164	0	154	7	1	2
22:00	115	0	107	6	0	2
23:00	66	0	59	3	3	1
<b>Total</b>						
12H(7-19)	6981	23	6623	276	36	23
16H(6-22)	7722	23	7320	308	41	30
18H(6-24)	7903	23	7486	317	44	33
24H(0-24)	8185	23	7742	330	49	41
<b>AM Peak</b>	11:00	10:00	11:00	11:00	09:00	04:00
	795	4	758	34	3	5
<b>PM Peak</b>	13:00	16:00	13:00	14:00	13:00	16:00
	870	6	833	28	8	6

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 01 Mar 2020 Channel: Eastbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 HGV	Bin 5 Bus
00:00	75	0	74	1	0	0
01:00	47	0	45	2	0	0
02:00	36	0	31	5	0	0
03:00	32	0	29	0	3	0
04:00	26	0	25	0	1	0
05:00	62	1	59	0	1	1
06:00	109	0	99	8	2	0
07:00	115	1	100	12	1	1
08:00	201	2	181	15	2	1
09:00	399	1	382	11	4	1
10:00	624	2	601	18	2	1
11:00	818	0	782	33	2	1
12:00	880	7	846	25	1	1
13:00	841	3	811	24	3	0
14:00	744	3	716	18	7	0
15:00	741	3	711	20	4	3
16:00	551	1	536	11	1	2
17:00	434	1	415	13	1	4
18:00	424	0	403	16	3	2
19:00	331	0	312	14	1	4
20:00	225	0	219	5	0	1
21:00	183	0	175	5	2	1
22:00	83	0	79	4	0	0
23:00	43	0	40	2	1	0
<b>Total</b>						
12H(7-19)	6772	24	6484	216	31	17
16H(6-22)	7620	24	7289	248	36	23
18H(6-24)	7746	24	7408	254	37	23
24H(0-24)	8024	25	7671	262	42	24
<b>AM Peak</b>	11:00	10:00	11:00	11:00	09:00	11:00
	818	2	782	33	4	1
<b>PM Peak</b>	12:00	12:00	12:00	12:00	14:00	19:00
	880	7	846	25	7	4

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 01 Mar 2020 Channel: Total Flow

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 HGV	Bin 5 Bus
00:00	167	0	161	5	0	1
01:00	111	0	106	5	0	0
02:00	71	0	60	9	2	0
03:00	55	0	52	0	3	0
04:00	55	0	47	1	2	5
05:00	101	1	93	1	3	3
06:00	161	0	146	12	3	0
07:00	231	2	196	27	4	2
08:00	415	3	374	33	4	1
09:00	879	4	829	37	7	2
10:00	1260	6	1209	41	3	1
11:00	1613	2	1540	67	2	2
12:00	1732	9	1669	46	5	3
13:00	1711	4	1644	50	11	2
14:00	1529	3	1466	46	10	4
15:00	1373	4	1314	47	5	3
16:00	1163	7	1111	32	5	8
17:00	970	2	926	30	6	6
18:00	877	1	829	36	5	6
19:00	645	0	613	22	4	6
20:00	436	0	414	18	0	4
21:00	347	0	329	12	3	3
22:00	198	0	186	10	0	2
23:00	109	0	99	5	4	1
<b>Total</b>						
12H(7-19)	13753	47	13107	492	67	40
16H(6-22)	15342	47	14609	556	77	53
18H(6-24)	15649	47	14894	571	81	56
24H(0-24)	16209	48	15413	592	91	65
<b>AM Peak</b>	11:00	10:00	11:00	11:00	09:00	04:00
	1613	6	1540	67	7	5
<b>PM Peak</b>	12:00	12:00	12:00	13:00	13:00	16:00
	1732	9	1669	50	11	8

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Eastern Site)

Site No. 519801

Site Ref. 519801

East Site

Classification Report

02 Mar 2020

Channel: Westbound

Time	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	34	0	30	2	1	1
01:00	29	0	27	1	1	0
02:00	12	0	10	1	1	0
03:00	12	0	10	2	0	0
04:00	41	0	30	7	3	1
05:00	119	1	101	12	5	0
06:00	369	3	324	30	10	2
07:00	1006	4	875	100	20	7
08:00	1209	5	1086	89	24	5
09:00	796	2	664	92	32	6
10:00	600	2	501	74	16	7
11:00	714	5	595	85	19	10
12:00	734	0	638	78	15	3
13:00	712	4	593	87	19	9
14:00	872	3	735	103	24	7
15:00	960	7	826	105	18	4
16:00	1257	5	1087	120	41	4
17:00	1064	6	985	47	24	2
18:00	1075	0	996	56	22	1
19:00	495	4	454	28	6	3
20:00	259	0	244	10	2	3
21:00	201	0	186	12	1	2
22:00	175	0	156	13	5	1
23:00	50	0	44	4	1	1
<b>Total</b>						
12H(7-19)	10999	43	9581	1036	274	65
16H(6-22)	12323	50	10789	1116	293	75
18H(6-24)	12548	50	10989	1133	299	77
24H(0-24)	12795	51	11197	1158	310	79
<b>AM Peak</b>	08:00	11:00	08:00	07:00	09:00	11:00
	1209	5	1086	100	32	10
<b>PM Peak</b>	16:00	15:00	16:00	16:00	16:00	13:00
	1257	7	1087	120	41	9

PCC Traffic Information Consultancy Ltd.

Site No. 519801

Site Ref. 519801

East Site

Classification Report

02 Mar 2020

Channel: Eastbound

Time	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	31	0	25	1	2	0
01:00	25	0	23	2	0	0
02:00	16	0	13	2	1	0
03:00	23	0	20	3	0	0
04:00	81	0	68	8	4	1
05:00	284	2	230	37	9	6
06:00	740	2	629	90	17	2
07:00	1090	3	987	81	15	4
08:00	1131	3	1014	86	23	5
09:00	724	0	615	74	29	6
10:00	595	0	490	73	27	5
11:00	645	4	544	74	17	6
12:00	686	5	580	71	24	6
13:00	720	3	626	71	16	4
14:00	787	5	691	73	13	5
15:00	931	7	829	76	16	3
16:00	967	7	885	62	8	5
17:00	918	8	833	26	49	2
18:00	592	1	564	22	4	1
19:00	418	4	390	19	4	1
20:00	346	0	311	13	1	1
21:00	269	1	256	9	2	1
22:00	112	0	105	4	2	1
23:00	62	0	59	2	1	0
<b>Total</b>						
12H(7-19)	9786	46	8658	789	241	52
16H(6-22)	11559	53	10264	920	265	57
18H(6-24)	11733	53	10428	926	268	58
24H(0-24)	12193	55	10810	979	284	65
<b>AM Peak</b>	08:00	11:00	08:00	06:00	09:00	11:00
	1131	4	1014	90	29	6
<b>PM Peak</b>	16:00	17:00	16:00	15:00	17:00	12:00
	967	8	885	76	49	6

PCC Traffic Information Consultancy Ltd.

Site No. 519801

Site Ref. 519801

East Site

Classification Report

02 Mar 2020

Channel: Total Flow

Time	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	65	0	58	3	3	1
01:00	54	0	50	3	1	0
02:00	28	0	23	3	2	0
03:00	35	0	30	5	0	0
04:00	122	0	98	15	7	2
05:00	403	3	331	49	14	6
06:00	1109	5	953	120	27	4
07:00	2096	7	1862	181	35	11
08:00	2340	8	2100	175	47	10
09:00	1520	2	1279	166	61	12
10:00	1195	2	991	147	43	12
11:00	1359	9	1139	159	36	16
12:00	1420	5	1218	149	39	9
13:00	1432	7	1219	158	35	13
14:00	1659	8	1426	176	37	12
15:00	1891	14	1655	181	34	7
16:00	2224	12	1972	182	49	9
17:00	1982	14	1818	73	73	4
18:00	1667	1	1560	78	26	2
19:00	913	8	844	47	10	4
20:00	605	0	575	23	3	4
21:00	470	1	442	21	3	3
22:00	287	0	261	17	7	2
23:00	112	0	103	6	2	1
<b>Total</b>						
12H(7-19)	20785	89	18239	1825	515	117
16H(6-22)	23882	103	21053	2036	538	132
18H(6-24)	24281	103	21417	2059	567	135
24H(0-24)	24988	106	22007	2137	594	144
<b>AM Peak</b>	08:00	11:00	08:00	07:00	09:00	11:00
	2340	9	2100	181	61	16
<b>PM Peak</b>	16:00	17:00	16:00	16:00	17:00	13:00
	2224	14	1972	182	73	13

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Eastern Site)

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 03 Mar 2020 Channel: Westbound

Time	Total Volume	Bin 1 W/Cycle Car/Min	Bin 2 W/Cycle Car/Min	Bin 3 GVV	Bin 4 RDV	Bin 5 Bus
00:00	42	0	34	2	5	1
01:00	33	0	27	2	3	1
02:00	16	0	13	2	1	0
03:00	21	0	16	2	2	1
04:00	44	1	31	6	5	1
05:00	152	0	135	11	5	1
06:00	397	4	347	36	6	4
07:00	1037	4	913	95	21	4
08:00	1256	3	1125	80	40	8
09:00	793	3	667	98	20	5
10:00	592	5	493	59	29	6
11:00	740	8	587	114	21	10
12:00	795	3	662	91	35	4
13:00	735	4	618	85	22	6
14:00	873	1	716	119	31	6
15:00	1003	2	861	110	24	6
16:00	1320	5	1166	102	41	6
17:00	1350	6	1257	67	18	2
18:00	1018	3	929	56	26	4
19:00	540	0	504	31	4	1
20:00	302	1	281	14	4	2
21:00	213	0	202	9	1	1
22:00	205	0	191	10	2	2
23:00	103	2	91	7	2	1
<b>Total</b>						
12H(7-19)	11512	47	9994	1076	328	67
16H(6-22)	12964	52	11328	1166	343	75
18H(6-24)	13272	54	11610	1183	347	78
24H(0-24)	13580	55	11866	1208	368	83
<b>AM Peak</b>	08:00 1256	11:00 8	08:00 1125	11:00 114	08:00 40	11:00 10
<b>PM Peak</b>	17:00 1350	17:00 6	17:00 1257	14:00 119	16:00 41	16:00 6

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 03 Mar 2020 Channel: Eastbound

Time	Total Volume	Bin 1 W/Cycle Car/Min	Bin 2 W/Cycle Car/Min	Bin 3 GVV	Bin 4 RDV	Bin 5 Bus
00:00	23	0	21	0	1	1
01:00	16	0	8	0	6	2
02:00	14	0	11	2	1	0
03:00	25	0	21	3	1	0
04:00	68	1	58	4	3	2
05:00	290	3	235	34	13	5
06:00	758	1	647	89	18	3
07:00	1191	2	1067	103	17	2
08:00	1131	4	1033	75	15	4
09:00	740	3	626	79	28	4
10:00	582	2	477	77	23	3
11:00	692	3	580	79	23	7
12:00	664	0	566	63	29	6
13:00	736	1	643	76	13	3
14:00	830	8	698	92	27	5
15:00	944	4	836	82	16	6
16:00	1071	3	995	55	17	1
17:00	946	3	903	30	10	0
18:00	690	1	657	23	8	1
19:00	461	0	436	20	3	2
20:00	341	0	327	11	1	2
21:00	287	1	271	12	2	1
22:00	144	0	142	1	0	1
23:00	69	1	62	4	2	0
<b>Total</b>						
12H(7-19)	10217	34	9081	834	226	42
16H(6-22)	12064	36	10762	966	250	50
18H(6-24)	12277	37	10956	971	252	51
24H(0-24)	12713	41	11320	1014	277	61
<b>AM Peak</b>	07:00 1191	08:00 4	07:00 1067	07:00 103	09:00 28	11:00 7
<b>PM Peak</b>	16:00 1071	14:00 8	16:00 995	14:00 92	12:00 29	15:00 6

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 03 Mar 2020 Channel: Total Flow

Time	Total Volume	Bin 1 W/Cycle Car/Min	Bin 2 W/Cycle Car/Min	Bin 3 GVV	Bin 4 RDV	Bin 5 Bus
00:00	65	0	55	2	6	2
01:00	49	0	35	2	9	3
02:00	30	0	24	4	2	0
03:00	46	0	37	5	3	1
04:00	112	2	89	10	8	3
05:00	442	3	370	45	18	6
06:00	1155	5	994	125	24	7
07:00	2228	6	1980	198	38	6
08:00	2387	7	2158	155	55	12
09:00	1533	6	1293	177	48	9
10:00	1174	7	970	136	52	9
11:00	1432	11	1167	193	44	17
12:00	1459	3	1228	154	64	10
13:00	1471	5	1261	161	35	9
14:00	1703	9	1414	211	58	11
15:00	1947	6	1697	192	40	12
16:00	2391	8	2161	157	58	7
17:00	2296	9	2160	97	28	2
18:00	1708	4	1586	79	34	5
19:00	1001	0	940	51	7	3
20:00	643	1	608	25	5	4
21:00	500	1	473	21	3	2
22:00	349	0	333	11	2	3
23:00	172	3	153	11	4	1
<b>Total</b>						
12H(7-19)	21729	81	19075	1910	554	109
16H(6-22)	25028	88	22090	2132	593	125
18H(6-24)	25549	91	22576	2154	599	129
24H(0-24)	26293	96	23186	2222	645	144
<b>AM Peak</b>	08:00 2387	11:00 11	08:00 2158	07:00 198	08:00 55	11:00 17
<b>PM Peak</b>	16:00 2391	17:00 9	16:00 2161	14:00 211	12:00 64	15:00 12

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Eastern Site)

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 04 Mar 2020 Channel: Westbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	47	0	38	3	5	1
01:00	28	1	22	0	4	1
02:00	14	0	10	2	2	0
03:00	21	0	18	3	0	0
04:00	51	0	34	9	5	3
05:00	148	0	130	11	6	1
06:00	376	2	322	38	12	2
07:00	1074	5	937	107	21	4
08:00	1237	4	1102	106	22	3
09:00	811	1	707	82	20	1
10:00	673	2	556	89	21	5
11:00	667	1	570	73	16	7
12:00	769	3	643	95	23	5
13:00	737	2	635	69	23	8
14:00	876	1	732	111	26	6
15:00	1026	3	848	143	24	8
16:00	1164	2	1064	76	19	3
17:00	1283	5	1202	60	13	3
18:00	1043	1	988	38	13	3
19:00	538	0	491	32	13	2
20:00	330	1	303	20	4	2
21:00	230	0	211	13	3	3
22:00	122	0	151	8	3	0
23:00	98	1	87	6	3	1
<b>Total</b>						
12H(7-19)	11360	30	9984	1049	241	56
16H(6-22)	12834	33	11311	1152	273	65
18H(6-24)	13124	34	11579	1166	279	66
24H(0-24)	13433	35	11831	1194	301	72
<b>AM Peak</b>	08:00 1237	07:00 5	08:00 1102	07:00 107	08:00 22	11:00 7
<b>PM Peak</b>	17:00 1283	17:00 5	17:00 1202	15:00 143	14:00 26	15:00 8

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 04 Mar 2020 Channel: Eastbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	26	0	25	1	0	0
01:00	31	0	25	1	3	2
02:00	14	0	11	1	2	0
03:00	21	0	18	2	1	0
04:00	66	0	49	8	5	4
05:00	303	0	249	35	10	9
06:00	783	2	664	89	23	5
07:00	1165	1	1055	93	12	4
08:00	1240	3	1097	105	30	5
09:00	760	2	622	98	31	7
10:00	586	2	488	66	24	6
11:00	726	1	613	83	27	2
12:00	693	3	607	67	14	8
13:00	786	1	683	79	18	5
14:00	779	5	687	70	14	3
15:00	908	6	818	58	20	6
16:00	1064	4	959	59	37	5
17:00	989	10	901	30	45	3
18:00	689	0	656	24	7	2
19:00	433	3	408	22	0	0
20:00	387	0	370	12	5	0
21:00	263	0	254	6	2	1
22:00	181	2	175	3	1	0
23:00	58	0	52	1	5	0
<b>Total</b>						
12H(7-19)	10391	38	9186	832	279	56
16H(6-22)	12257	43	10882	961	309	62
18H(6-24)	12496	45	11109	965	315	62
24H(0-24)	12957	45	11486	1013	336	77
<b>AM Peak</b>	08:00 1240	08:00 3	08:00 1097	08:00 105	09:00 31	05:00 9
<b>PM Peak</b>	16:00 1064	17:00 10	16:00 959	13:00 79	17:00 45	12:00 8

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801  
 East Site  
 Classification Report 04 Mar 2020 Channel: Total Flow

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	73	0	63	4	5	1
01:00	59	1	47	1	7	3
02:00	28	0	21	3	4	0
03:00	42	0	36	5	1	0
04:00	117	0	83	17	10	7
05:00	451	0	379	46	16	10
06:00	1159	4	986	127	35	7
07:00	2290	6	1982	200	33	8
08:00	2477	7	2199	211	52	8
09:00	1571	3	1329	180	51	8
10:00	1259	4	1044	155	45	11
11:00	1393	2	1183	156	43	9
12:00	1468	6	1250	162	37	13
13:00	1523	3	1318	148	41	13
14:00	1655	6	1419	181	40	9
15:00	1934	9	1666	201	44	14
16:00	2228	6	2023	135	56	8
17:00	2272	15	2103	90	58	6
18:00	1732	1	1644	62	20	5
19:00	971	3	899	54	13	2
20:00	717	1	673	32	9	2
21:00	493	0	465	19	5	4
22:00	373	2	356	11	4	0
23:00	156	1	139	7	8	1
<b>Total</b>						
12H(7-19)	21751	68	19170	1881	520	112
16H(6-22)	25091	76	22193	2113	582	127
18H(6-24)	25620	78	22688	2131	594	128
24H(0-24)	26390	80	23317	2207	637	149
<b>AM Peak</b>	08:00 2477	08:00 7	08:00 2199	08:00 211	08:00 52	10:00 11
<b>PM Peak</b>	17:00 2272	17:00 15	17:00 2103	15:00 201	17:00 58	15:00 14

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Eastern Site)

Site Ref. 519801 Site No. 519801

East Site

Speed Report (Speed Limit 60 Mph)

27 Feb 2020

Channel: Westbound

Table with columns for Time, Total Volume, 85th Percentile, Mean Average, Standard Deviation, and 13 speed bins. Includes Total and Peak data.

PCC Traffic Information Consultancy Ltd.

Site No. 519801 64.98716 Site Ref. 519801

East Site

Speed Report (Speed Limit 60 Mph)

27 Feb 2020

Channel: Eastbound

Table with columns for Time, Total Volume, 85th Percentile, Mean Average, Standard Deviation, and 13 speed bins. Includes Total and Peak data.

PCC Traffic Information Consultancy Ltd.

Site No. 519801 Site Ref. 519801

East Site

Speed Report (Speed Limit 60 Mph)

27 Feb 2020

Channel: Total Flow

Table with columns for Time, Total Volume, 85th Percentile, Mean Average, Standard Deviation, and 13 speed bins. Includes Total and Peak data.

PCC Traffic Information Consultancy Ltd.















St Neots Road, Bedford (Western Site)

Site No. 519802 Site Ref. 519802

West Site Vehicle Count Report Week Begin: 27 February 2020 Channel: Westbound

	Thu Feb 27	Fri Feb 28	Sat Feb 29	Sun Mar 01	Mon Mar 02	Tue Mar 03	Wed Mar 04	1 Day Ave.	7 Day Ave.
00:00	36	46	71	92	34	43	46	4	53
01:00	30	28	67	64	27	33	26	29	39
02:00	17	20	43	35	10	16	14	15	22
03:00	14	18	28	23	12	20	21	17	19
04:00	39	41	38	29	40	45	50	43	40
05:00	117	143	84	37	118	150	148	135	114
06:00	356	344	126	51	378	408	382	374	292
07:00	980	991	265	117	1038	1078	1115	1040	798
08:00	1228	1361	535	214	1270	1331	1315	1301	1036
09:00	805	946	662	485	810	812	835	842	765
10:00	651	783	853	640	608	602	691	667	690
11:00	618	756	971	800	726	752	674	705	757
12:00	693	839	1035	856	736	801	784	771	821
13:00	749	955	973	891	730	741	759	787	828
14:00	869	915	904	789	886	884	889	891	878
15:00	968	1129	829	641	973	1025	1066	1032	947
16:00	1197	1420	785	620	1289	1339	1308	1311	1137
17:00	1325	1245	721	542	1183	1367	1341	1292	1103
18:00	1039	883	547	457	1077	1045	1091	1027	877
19:00	530	519	378	313	493	546	527	523	472
20:00	270	311	242	211	260	303	257	280	265
21:00	207	252	181	165	200	212	205	215	203
22:00	193	186	181	114	176	205	154	183	173
23:00	80	125	144	67	50	102	67	85	91
Total	11122	12223	9080	7054	11326	11787	11868	11665	10637
12H(7-19)	12485	13649	10007	7794	12657	13256	13239	13057	11870
16H(6-24)	12758	13963	10332	7975	12883	13563	13460	13113	12133
24H(0-24)	13011	14256	10663	8255	13124	13870	13765	13605	12421
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
PM Peak	17:00	16:00	12:00	13:00	16:00	17:00	17:00	16:00	16:00

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
West Site Vehicle Count Report Week Begin: 27 February 2020 Channel: Eastbound

	Thu Feb 27	Fri Feb 28	Sat Feb 29	Sun Mar 01	Mon Mar 02	Tue Mar 03	Wed Mar 04	1 Day Ave.	7 Day Ave.
00:00	35	35	66	77	36	25	30	2	43
01:00	13	20	30	50	24	18	29	21	26
02:00	18	23	37	38	14	15	15	17	23
03:00	30	28	29	32	24	23	21	25	27
04:00	73	64	48	26	81	70	65	71	61
05:00	307	268	112	61	284	304	306	294	235
06:00	716	691	162	111	755	778	782	744	571
07:00	1166	1090	231	117	1111	1219	1179	1153	873
08:00	1082	1154	473	207	1147	1120	1145	1150	918
09:00	701	759	618	415	740	760	777	747	681
10:00	640	706	877	630	607	595	590	628	664
11:00	704	1003	906	822	664	711	736	764	792
12:00	707	816	965	886	687	674	718	732	788
13:00	700	767	1026	846	732	742	778	744	799
14:00	799	825	870	743	780	861	789	811	810
15:00	924	938	856	745	934	934	917	929	893
16:00	980	1073	827	551	972	1059	1057	1018	931
17:00	850	867	766	433	936	952	840	889	806
18:00	652	703	570	431	607	704	637	661	615
19:00	441	476	358	337	436	468	418	448	419
20:00	387	290	249	230	346	346	350	336	308
21:00	227	246	248	187	273	285	228	252	242
22:00	124	202	179	83	121	144	121	142	139
23:00	61	118	123	46	63	72	55	74	77
Total	9905	10761	8986	6826	9917	10331	10263	10235	9570
12H(7-19)	11676	12464	10003	7691	11727	12208	12001	12015	11110
16H(6-24)	11861	12744	10362	7925	11242	11177	12211	12234	11326
24H(0-24)	12337	13222	10627	8104	12370	12879	12643	12690	11740
AM Peak	07:00	08:00	11:00	11:00	08:00	07:00	08:00	07:00	08:00
PM Peak	16:00	16:00	13:00	12:00	16:00	16:00	16:00	16:00	16:00

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
West Site Vehicle Count Report Week Begin: 27 February 2020 Channel: Total Flow

	Thu Feb 27	Fri Feb 28	Sat Feb 29	Sun Mar 01	Mon Mar 02	Tue Mar 03	Wed Mar 04	1 Day Ave.	7 Day Ave.
00:00	71	81	137	169	66	68	76	72	95
01:00	43	48	97	114	51	51	55	50	66
02:00	35	43	80	73	24	31	29	32	45
03:00	44	46	57	55	36	43	42	42	46
04:00	112	105	86	55	121	115	114	114	101
05:00	424	411	156	88	402	454	454	429	348
06:00	1072	1035	288	162	1133	1186	1164	1118	863
07:00	2146	2081	496	234	2149	2297	2294	2193	1671
08:00	2310	2515	1008	421	2417	2451	2560	2451	1955
09:00	1506	1705	1280	900	1550	1572	1612	1589	1446
10:00	1291	1489	1730	1270	1215	1197	1281	1295	1353
11:00	1322	1759	1877	1622	1390	1463	1410	1469	1549
12:00	1400	1715	2001	1744	1423	1475	1502	1503	1609
13:00	1449	1722	1999	1737	1462	1483	1537	1531	1627
14:00	1668	1740	1774	1532	1666	1755	1678	1701	1688
15:00	1892	2067	1685	1386	1907	1959	1983	1962	1840
16:00	2177	2493	1612	1171	2261	2398	2365	2339	2068
17:00	2175	2112	1487	975	2119	2319	2181	2181	1910
18:00	1691	1586	1117	888	1684	1749	1728	1688	1492
19:00	971	995	736	650	929	1014	945	971	891
20:00	657	601	491	441	606	649	567	616	573
21:00	434	498	429	352	473	497	433	467	445
22:00	317	388	360	197	297	349	275	325	312
23:00	141	243	267	113	113	174	122	159	168
Total	21027	22984	18066	13880	21243	22118	22131	21901	20207
12H(7-19)	24161	26113	20010	15485	24384	25464	25240	25072	22980
16H(6-24)	24619	26744	20617	15795	24794	25987	25637	25556	23459
24H(0-24)	25348	27478	21290	16359	25494	26749	26408	26295	24161
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
PM Peak	16:00	16:00	12:00	12:00	16:00	16:00	16:00	16:00	16:00

PCC Traffic Information Consultancy Ltd.



# St Neots Road, Bedford (Western Site)

Site No. 519802

Site Ref. 519802

West Site

Classification Report

Week Begin: 27 February 2020

Channel: Westbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
Thu 27 Feb	13011	31	11426	987	503	64
Fri 28 Feb	14256	93	12463	853	800	47
Sat 29 Feb	10663	28	9797	403	389	46
Sun 1 Mar	8255	25	7710	271	219	30
Mon 2 Mar	13124	45	11527	986	501	65
Tue 3 Mar	13870	59	12266	1054	413	78
Wed 4 Mar	13765	37	12172	1114	369	73
5 Day Ave.	13605	53	11971	999	517	65
7 Day Ave.	12421	45	11052	810	456	58

PCC Traffic Information Consultancy Ltd.

Site No. 519802

Site Ref. 519802

West Site

Classification Report

Week Begin: 27 February 2020

Channel: Eastbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
Thu 27 Feb	12337	30	10803	1144	285	75
Fri 28 Feb	13222	23	11930	945	269	55
Sat 29 Feb	10627	20	9954	534	71	48
Sun 1 Mar	8104	23	7671	334	45	31
Mon 2 Mar	12370	57	10897	1073	271	72
Tue 3 Mar	12879	40	11339	1105	311	84
Wed 4 Mar	12643	38	11144	1081	288	92
5 Day Ave.	12690	38	11223	1070	285	76
7 Day Ave.	11740	33	10534	888	220	65

PCC Traffic Information Consultancy Ltd.

Site No. 519802

Site Ref. 519802

West Site

Classification | Site No.

Week Begin: 27 February 2020

Channel: Total Flow

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
Thu 27 Feb	25348	61	22229	2131	788	139
Fri 28 Feb	27478	116	24393	1798	1069	102
Sat 29 Feb	21290	48	19751	937	460	94
Sun 1 Mar	16359	48	15381	605	264	61
Mon 2 Mar	25494	102	22424	2059	772	137
Tue 3 Mar	26749	99	23605	2159	724	162
Wed 4 Mar	26408	75	23316	2195	657	165
5 Day Ave.	26295	91	23193	2068	802	141
7 Day Ave.	24161	78	21586	1698	676	123

PCC Traffic Information Consultancy Ltd.



# St Neots Road, Bedford (Western Site)

Site No. 519802 Site Ref. 519802  
West Site  
Speed Report (Speed Limit 60 Mph)

Week Begin: 27 February 2020

Channel: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-<15	Bin 3 15-<20	Bin 4 20-<25	Bin 5 25-<30	Bin 6 30-<35	Bin 7 35-<40	Bin 8 40-<45	Bin 9 45-<50	Bin 10 50-<55	Bin 11 55-<60	Bin 12 60-<65	Bin 13 >=65
Thu 27 Feb	13011	47	40	7	2	29	55	115	340	1578	4486	3861	1806	544	153	30	12
Fri 28 Feb	14254	45	39	5	8	29	46	120	201	1905	6006	4055	1318	410	111	23	22
Sat 29 Feb	10663	49	44	6	0	4	0	5	29	321	2351	4095	2737	848	203	43	27
Sun 1 Mar	8255	50	45	6	0	0	3	19	15	145	1397	2893	2489	922	279	61	32
Mon 2 Mar	13124	47	39	8	119	229	254	430	598	1389	3622	3740	1997	557	141	33	15
Tue 3 Mar	13870	46	39	7	53	207	301	336	492	1400	4361	4138	1859	536	133	39	15
Wed 4 Mar	13765	46	40	6	5	61	76	142	408	1690	4834	4254	1695	426	122	37	15
5 Day Ave.	13605	46	39	7	37	111	146	229	408	1592	4662	4010	1735	495	132	32	16
7 Day Ave.	12420	47	41	6	27	80	105	167	298	1204	3865	3862	1986	606	163	38	20

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
West Site  
Speed Report (Speed Limit 60 Mph)

Week Begin: 27 February 2020

Channel: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-<15	Bin 3 15-<20	Bin 4 20-<25	Bin 5 25-<30	Bin 6 30-<35	Bin 7 35-<40	Bin 8 40-<45	Bin 9 45-<50	Bin 10 50-<55	Bin 11 55-<60	Bin 12 60-<65	Bin 13 >=65
Thu 27 Feb	12337	48	42	6	7	11	16	47	159	1148	3609	4311	2095	666	191	45	32
Fri 28 Feb	13221	46	40	7	118	128	91	158	409	1467	4313	4108	1673	542	149	40	25
Sat 29 Feb	10627	49	43	6	11	17	8	17	90	557	2502	3842	2301	925	257	72	28
Sun 1 Mar	8104	50	44	6	2	2	2	7	15	350	1589	2802	2029	931	256	83	36
Mon 2 Mar	12370	48	40	7	114	80	92	128	376	1179	3560	3887	2023	667	192	46	26
Tue 3 Mar	12879	47	41	7	74	81	89	91	248	1202	3918	4264	2006	640	187	50	29
Wed 4 Mar	12643	47	41	7	39	83	91	76	242	1171	4015	4232	1878	586	167	46	17
5 Day Ave.	12690	47	41	7	70	77	76	100	287	1233	3883	4160	1935	620	177	45	26
7 Day Ave.	11740	48	41	7	52	57	56	75	220	1011	3358	3921	2001	708	200	55	28

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
West Site  
Speed Report (Speed Limit 60 Mph)

Week Begin: 27 February 2020

Channel: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-<15	Bin 3 15-<20	Bin 4 20-<25	Bin 5 25-<30	Bin 6 30-<35	Bin 7 35-<40	Bin 8 40-<45	Bin 9 45-<50	Bin 10 50-<55	Bin 11 55-<60	Bin 12 60-<65	Bin 13 >=65
Thu 27 Feb	25348	47	41	6	9	40	71	162	499	2726	8095	8172	3901	1210	344	75	44
Fri 28 Feb	27475	45	40	6	126	157	137	278	610	3372	10319	8163	2991	952	260	63	47
Sat 29 Feb	21290	49	43	6	11	21	8	22	119	878	4853	7937	5038	1773	460	115	55
Sun 1 Mar	16359	50	44	6	2	2	5	26	30	495	2986	5695	4518	1853	535	144	68
Mon 2 Mar	25494	47	40	8	233	309	346	558	974	2568	7182	7627	4020	1224	333	79	41
Tue 3 Mar	26749	47	40	7	127	288	390	427	740	2602	8279	8402	3865	1176	320	89	44
Wed 4 Mar	26408	46	40	6	44	144	167	218	650	2861	8849	8486	3573	1012	289	83	32
5 Day Ave.	26295	46	40	7	108	188	222	329	695	2826	8545	8170	3670	1115	309	78	42
7 Day Ave.	24160	48	41	6	79	137	161	242	517	2215	7223	7783	3987	1314	363	93	47

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Western Site)

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 27 Feb 2020 Channel: Westbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	36	0	32	0	2	2
01:00	30	1	24	2	3	0
02:00	17	0	11	4	2	0
03:00	14	0	9	1	3	1
04:00	39	1	26	4	6	2
05:00	117	1	100	10	5	1
06:00	355	3	296	19	34	4
07:00	980	3	863	67	45	2
08:00	1228	2	1106	77	40	3
09:00	805	1	669	85	47	3
10:00	651	4	536	64	42	5
11:00	618	1	507	71	34	5
12:00	693	0	586	78	25	4
13:00	749	2	628	88	26	5
14:00	869	1	734	96	31	7
15:00	968	2	830	103	24	9
16:00	1197	2	1082	77	33	3
17:00	1325	2	1259	51	11	2
18:00	1029	3	976	31	25	4
19:00	530	0	481	30	18	1
20:00	270	0	240	11	19	0
21:00	207	0	191	7	9	0
22:00	153	1	149	9	14	0
23:00	80	1	71	2	5	1
<b>Total</b>						
12H(7-19)	11122	23	9776	888	383	52
16H(6-22)	12485	26	10984	955	463	57
18H(6-24)	12758	28	11224	966	482	58
24H(0-24)	13011	31	11426	987	503	64
<b>AM Peak</b>	08:00	10:00	08:00	09:00	09:00	11:00
1228	4	1106	85	47	5	
<b>PM Peak</b>	17:00	18:00	17:00	15:00	16:00	15:00
1325	3	1259	103	33	9	

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 27 Feb 2020 Channel: Eastbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	35	0	31	5	0	0
01:00	13	0	9	0	3	1
02:00	18	0	10	3	5	0
03:00	30	0	21	5	3	1
04:00	73	0	53	10	6	4
05:00	307	0	240	42	14	11
06:00	716	2	581	106	23	4
07:00	1166	1	1045	101	15	4
08:00	1082	1	954	92	30	5
09:00	701	4	583	83	25	6
10:00	640	2	512	99	24	3
11:00	704	1	577	96	23	7
12:00	707	0	596	86	21	4
13:00	700	0	600	78	19	3
14:00	799	1	688	90	18	2
15:00	924	2	804	95	14	9
16:00	980	5	895	58	18	4
17:00	850	3	808	30	7	2
18:00	652	1	621	23	6	1
19:00	441	1	419	18	2	1
20:00	387	3	367	12	4	1
21:00	227	2	216	7	1	1
22:00	124	0	120	2	1	1
23:00	61	1	54	3	3	0
<b>Total</b>						
12H(7-19)	9905	21	8683	931	220	50
16H(6-22)	11676	29	10266	1074	250	57
18H(6-24)	11861	30	10440	1079	254	58
24H(0-24)	12337	30	10803	1144	285	75
<b>AM Peak</b>	07:00	09:00	07:00	06:00	08:00	05:00
1166	4	1045	106	30	11	
<b>PM Peak</b>	16:00	16:00	16:00	15:00	12:00	15:00
980	5	895	95	21	9	

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 27 Feb 2020 Channel: Total Flow

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	71	0	62	5	2	2
01:00	43	1	33	2	6	1
02:00	35	0	21	7	7	0
03:00	44	0	30	6	6	2
04:00	112	1	79	14	12	6
05:00	424	1	340	52	19	12
06:00	1072	5	877	125	57	8
07:00	2146	4	1908	168	60	6
08:00	2310	3	2060	169	70	8
09:00	1506	5	1252	168	72	9
10:00	1291	6	1048	163	66	8
11:00	1322	2	1084	167	57	12
12:00	1400	0	1182	164	46	8
13:00	1449	2	1228	166	45	8
14:00	1668	2	1422	186	49	9
15:00	1892	4	1634	198	38	18
16:00	2177	7	1977	135	51	7
17:00	2175	5	2067	81	18	4
18:00	1691	4	1597	54	31	5
19:00	971	1	900	48	20	2
20:00	657	3	607	23	23	1
21:00	434	2	407	14	10	1
22:00	317	1	289	11	15	1
23:00	141	2	125	5	8	1
<b>Total</b>						
12H(7-19)	21027	44	18459	1819	603	102
16H(6-22)	24161	55	21250	2029	713	114
18H(6-24)	24619	58	21664	2045	736	116
24H(0-24)	25348	61	22229	2131	788	139
<b>AM Peak</b>	08:00	10:00	08:00	08:00	09:00	11:00
2310	6	2060	169	72	12	
<b>PM Peak</b>	16:00	16:00	17:00	15:00	16:00	15:00
2177	7	2067	198	51	18	

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Western Site)

Site No. 519802

Site Ref. 519802

West Site

Classification Report

28 Feb 2020

Channel: Westbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	46	0	32	2	12	0
01:00	28	0	19	1	7	1
02:00	20	0	13	3	4	0
03:00	18	1	11	3	3	0
04:00	41	0	27	3	9	2
05:00	143	2	122	7	11	1
06:00	344	2	288	17	34	3
07:00	991	8	850	82	48	3
08:00	1361	7	1241	76	32	5
09:00	946	8	819	56	58	5
10:00	783	7	647	57	69	3
11:00	756	11	617	62	64	2
12:00	839	9	697	56	77	0
13:00	955	12	790	65	82	6
14:00	915	14	755	64	78	4
15:00	1129	6	985	75	60	3
16:00	1420	1	1307	81	27	4
17:00	1245	1	1148	56	38	2
18:00	883	2	828	27	25	1
19:00	519	1	472	27	19	0
20:00	311	1	285	13	11	1
21:00	252	0	226	9	16	1
22:00	186	0	169	8	9	0
23:00	125	0	115	3	7	0
<b>Total</b>						
12H(7-19)	12223	86	10684	757	658	38
16H(6-22)	13649	90	11955	823	738	43
18H(6-24)	13960	90	12239	834	754	43
24H(0-24)	14256	93	12463	853	800	47
<b>AM Peak</b>						
08:00	11:00	08:00	07:00	10:00	09:00	
1361	11	1241	82	69	5	
<b>PM Peak</b>						
16:00	14:00	16:00	16:00	13:00	13:00	
1420	14	1307	81	82	6	

PCC Traffic Information Consultancy Ltd.

Site No. 519802

Site Ref. 519802

West Site

Classification Report

28 Feb 2020

Channel: Eastbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	35	0	31	3	0	0
01:00	20	0	13	2	4	1
02:00	23	0	16	3	4	0
03:00	28	0	20	3	5	0
04:00	64	0	44	9	7	4
05:00	268	0	210	37	12	9
06:00	691	2	592	72	21	4
07:00	1090	1	984	86	17	2
08:00	1154	4	1049	77	21	3
09:00	759	1	665	66	26	1
10:00	706	2	605	71	25	3
11:00	1003	4	888	82	23	6
12:00	876	0	786	71	15	4
13:00	767	1	681	69	14	2
14:00	825	1	725	82	14	3
15:00	938	2	855	61	16	4
16:00	1073	2	1002	43	25	1
17:00	867	1	823	39	2	2
18:00	703	1	668	27	4	3
19:00	476	0	453	19	3	1
20:00	290	1	276	8	5	0
21:00	246	0	217	7	1	1
22:00	202	0	197	4	0	1
23:00	118	0	110	4	4	0
<b>Total</b>						
12H(7-19)	10761	20	9731	774	202	34
16H(6-22)	12464	23	11289	880	232	40
18H(6-24)	12784	23	11596	888	236	41
24H(0-24)	13222	23	11930	945	269	55
<b>AM Peak</b>						
08:00	11:00	08:00	07:00	09:00	05:00	
1154	4	1049	86	26	9	
<b>PM Peak</b>						
16:00	16:00	16:00	14:00	16:00	15:00	
1073	2	1002	82	25	4	

PCC Traffic Information Consultancy Ltd.

Site No. 519802

Site Ref. 519802

West Site

Classification Report

28 Feb 2020

Channel: Total Flow

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	81	0	63	5	13	0
01:00	48	0	32	3	11	2
02:00	43	0	29	6	8	0
03:00	46	1	31	6	8	0
04:00	105	0	71	12	16	6
05:00	411	2	332	44	23	10
06:00	1035	4	880	89	55	7
07:00	2081	9	1834	168	65	5
08:00	2515	11	2290	153	53	8
09:00	1705	9	1484	122	84	6
10:00	1489	9	1252	128	94	6
11:00	1759	15	1505	144	87	8
12:00	1715	9	1483	127	92	4
13:00	1722	13	1471	134	96	8
14:00	1740	15	1480	146	92	7
15:00	2067	8	1840	136	76	7
16:00	2493	3	2309	124	52	5
17:00	2112	2	1971	95	40	4
18:00	1586	3	1496	54	29	4
19:00	995	1	925	46	22	1
20:00	601	2	561	21	16	1
21:00	498	0	463	16	17	2
22:00	388	0	366	12	9	1
23:00	243	0	225	7	11	0
<b>Total</b>						
12H(7-19)	22984	106	20415	1531	860	72
16H(6-22)	26113	113	23244	1703	970	83
18H(6-24)	26744	113	23835	1722	990	84
24H(0-24)	27478	116	24393	1798	1069	102
<b>AM Peak</b>						
08:00	11:00	08:00	07:00	10:00	05:00	
2515	15	2290	168	94	10	
<b>PM Peak</b>						
16:00	14:00	16:00	14:00	13:00	13:00	
2493	15	2309	146	96	8	

PCC Traffic Information Consultancy Ltd.



PCC St Neots Road, Bedford (Western Site)

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 29 Feb 2020 Channel: Westbound

Total Volume	Bin 1 M/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 HCV	Bin 5 Bus
00:00	71	1	59	3	6
01:00	67	0	51	3	13
02:00	43	0	38	4	1
03:00	28	0	22	3	1
04:00	38	0	31	2	5
05:00	84	0	71	5	4
06:00	126	0	106	4	13
07:00	265	2	215	24	18
08:00	535	0	472	33	28
09:00	662	2	598	25	37
10:00	853	0	792	33	27
11:00	971	3	904	46	15
12:00	1035	4	969	43	17
13:00	973	3	908	31	27
14:00	904	3	855	29	15
15:00	829	2	791	23	11
16:00	785	0	736	26	20
17:00	721	0	670	17	30
18:00	547	5	497	11	33
19:00	378	0	343	13	21
20:00	242	1	220	5	14
21:00	181	0	164	3	14
22:00	181	0	161	8	11
23:00	144	2	124	9	8
<b>Total</b>					
12H(7-19)	9080	24	8407	341	278
16H(6-22)	10007	25	9240	366	340
18H(6-24)	10332	27	9525	383	359
24H(0-24)	10663	28	9797	403	389
<b>AM Peak</b>	11:00	11:00	11:00	09:00	07:00
	971	3	904	46	37
<b>PM Peak</b>	12:00	18:00	12:00	12:00	17:00
	1035	5	969	43	33

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 29 Feb 2020 Channel: Eastbound

Total Volume	Bin 1 M/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 HCV	Bin 5 Bus
00:00	66	0	63	3	0
01:00	30	0	25	2	1
02:00	37	0	31	2	4
03:00	29	0	22	4	3
04:00	48	0	43	2	3
05:00	112	1	94	12	1
06:00	162	1	131	18	5
07:00	231	0	186	40	1
08:00	473	0	416	49	4
09:00	618	0	576	35	6
10:00	877	1	802	69	1
11:00	906	3	844	49	7
12:00	966	1	919	41	4
13:00	1026	3	975	42	6
14:00	870	3	824	35	5
15:00	856	0	818	28	6
16:00	827	2	787	32	6
17:00	766	2	735	24	2
18:00	570	1	542	20	3
19:00	358	1	347	8	1
20:00	249	0	242	6	0
21:00	248	1	237	8	1
22:00	179	0	177	1	0
23:00	123	0	118	4	1
<b>Total</b>					
12H(7-19)	8986	16	8424	464	51
16H(6-22)	10003	19	9381	504	58
18H(6-24)	10305	19	9676	509	59
24H(0-24)	10627	20	9954	534	71
<b>AM Peak</b>	11:00	11:00	11:00	10:00	06:00
	906	3	844	69	7
<b>PM Peak</b>	13:00	14:00	13:00	13:00	16:00
	1026	3	975	42	6

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 29 Feb 2020 Channel: Total Flow

Total Volume	Bin 1 M/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 HCV	Bin 5 Bus
00:00	137	1	122	6	6
01:00	97	0	76	5	14
02:00	80	0	69	6	5
03:00	57	0	44	7	4
04:00	86	0	74	4	8
05:00	196	1	165	17	5
06:00	288	1	237	22	18
07:00	486	2	401	64	19
08:00	1008	0	888	82	32
09:00	1280	2	1174	60	43
10:00	1790	1	1594	102	28
11:00	1877	6	1748	95	22
12:00	2001	5	1888	84	21
13:00	1999	6	1883	73	33
14:00	1774	6	1679	64	20
15:00	1685	2	1609	51	17
16:00	1612	2	1523	58	26
17:00	1487	2	1405	41	32
18:00	1117	6	1039	31	36
19:00	736	1	690	21	22
20:00	491	1	462	11	14
21:00	429	1	401	11	15
22:00	360	0	338	9	11
23:00	267	2	242	13	9
<b>Total</b>					
12H(7-19)	18066	40	16831	805	329
16H(6-22)	20010	44	18821	870	398
18H(6-24)	20637	46	19201	892	418
24H(0-24)	21290	48	19751	937	460
<b>AM Peak</b>	11:00	11:00	11:00	10:00	09:00
	1877	6	1748	102	43
<b>PM Peak</b>	12:00	18:00	12:00	12:00	17:00
	2001	6	1888	84	36

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Western Site)

Site No. 519802 Site Ref. 519802  
 West Site Classification Report 01 Mar 2020 Channel: Westbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	92	0	81	4	6	1
01:00	64	0	58	3	3	0
02:00	35	0	28	4	3	0
03:00	23	0	23	0	0	0
04:00	29	0	21	1	4	3
05:00	37	0	29	1	6	1
06:00	51	0	46	2	3	0
07:00	117	1	98	9	8	1
08:00	214	1	186	15	12	0
09:00	485	5	432	26	20	2
10:00	640	3	605	16	15	1
11:00	800	1	768	24	7	0
12:00	858	1	833	16	7	1
13:00	891	1	856	22	12	0
14:00	789	3	746	28	10	2
15:00	641	1	606	26	7	1
16:00	620	6	584	18	9	3
17:00	542	1	502	17	20	2
18:00	457	0	424	15	13	5
19:00	313	0	295	5	11	2
20:00	211	0	191	9	10	1
21:00	165	0	142	6	15	2
22:00	114	1	102	3	6	2
23:00	67	0	54	1	12	0
<b>Total</b>						
12H(7-19)	7054	24	6640	232	140	18
16H(6-22)	7794	24	7314	254	179	23
18H(6-24)	7975	25	7470	258	197	25
24H(0-24)	8255	25	7710	271	219	30
<b>AM Peak</b>	11:00	09:00	11:00	09:00	09:00	04:00
800	5	768	26	20	3	
<b>PM Peak</b>	13:00	16:00	13:00	14:00	17:00	18:00
891	6	856	28	20	5	

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
 West Site Classification Report 01 Mar 2020 Channel: Eastbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	77	0	73	4	0	0
01:00	50	0	46	4	0	0
02:00	38	0	33	5	0	0
03:00	32	0	29	0	3	0
04:00	26	0	25	0	1	0
05:00	61	1	54	2	2	2
06:00	111	0	99	9	3	0
07:00	117	1	101	13	1	1
08:00	207	1	186	17	2	1
09:00	415	1	391	19	3	1
10:00	630	3	594	30	2	1
11:00	822	0	784	35	2	1
12:00	886	5	845	32	2	2
13:00	846	3	811	29	3	0
14:00	743	3	708	23	8	1
15:00	745	2	714	22	2	5
16:00	551	1	527	20	1	2
17:00	433	1	413	15	0	4
18:00	431	0	408	17	4	2
19:00	337	1	310	20	2	4
20:00	230	0	223	5	1	1
21:00	187	0	176	7	2	2
22:00	83	0	78	4	0	1
23:00	46	0	43	2	1	0
<b>Total</b>						
12H(7-19)	6826	21	6482	272	30	21
16H(6-22)	7691	22	7290	313	38	28
18H(6-24)	7820	22	7411	319	39	29
24H(0-24)	8104	23	7671	334	45	31
<b>AM Peak</b>	11:00	10:00	11:00	11:00	09:00	05:00
822	3	784	35	3	2	
<b>PM Peak</b>	12:00	12:00	12:00	12:00	14:00	15:00
886	5	845	32	8	5	

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
 West Site Classification Report 01 Mar 2020 Channel: Total Flow

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	169	0	154	8	6	1
01:00	114	0	104	7	3	0
02:00	73	0	61	9	3	0
03:00	55	0	52	0	3	0
04:00	55	0	46	1	5	3
05:00	98	1	83	3	8	3
06:00	162	0	145	11	6	0
07:00	234	2	199	22	9	2
08:00	421	2	372	32	14	1
09:00	900	6	823	45	23	3
10:00	1270	6	1199	46	17	2
11:00	1622	1	1552	59	9	1
12:00	1744	6	1678	48	9	3
13:00	1737	4	1667	51	15	0
14:00	1532	6	1454	51	18	3
15:00	1386	3	1330	48	9	6
16:00	1171	7	1111	38	10	5
17:00	975	2	915	32	20	6
18:00	888	0	832	32	17	7
19:00	650	1	605	25	13	6
20:00	441	0	414	14	11	2
21:00	352	0	318	13	17	4
22:00	197	1	180	7	6	3
23:00	113	0	97	3	13	0
<b>Total</b>						
12H(7-19)	13880	45	13122	504	170	39
16H(6-22)	15485	46	14604	567	217	51
18H(6-24)	15795	47	14891	577	236	54
24H(0-24)	16359	48	15381	605	264	61
<b>AM Peak</b>	11:00	10:00	11:00	11:00	09:00	09:00
1622	6	1552	59	23	3	
<b>PM Peak</b>	12:00	16:00	12:00	14:00	17:00	18:00
1744	7	1678	51	20	7	

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Western Site)

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 02 Mar 2020 Channel: Westbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	34	0	27	2	4	1
01:00	27	0	23	0	4	0
02:00	10	0	8	1	1	0
03:00	12	0	9	2	1	0
04:00	40	0	28	7	4	1
05:00	118	1	97	13	7	0
06:00	378	1	335	18	22	2
07:00	1038	3	908	72	52	3
08:00	1270	2	1153	73	38	4
09:00	810	3	676	72	53	6
10:00	608	3	500	61	38	6
11:00	726	6	604	82	25	9
12:00	736	0	636	70	27	3
13:00	730	4	628	70	22	6
14:00	886	4	752	93	30	7
15:00	973	5	839	93	33	3
16:00	1289	2	1132	114	38	3
17:00	1183	4	1119	37	22	1
18:00	1077	0	990	53	32	2
19:00	493	7	449	20	15	2
20:00	260	0	242	7	9	2
21:00	200	0	180	11	7	2
22:00	176	0	151	11	13	1
23:00	50	0	41	4	4	1
<b>Total</b>						
12H(7-19)	11236	36	9937	890	410	53
16H(6-22)	12657	44	11143	946	463	61
18H(6-24)	12883	44	11335	961	480	63
24H(0-24)	13124	45	11527	986	501	65
<b>AM Peak</b>	08:00 1270	11:00 6	08:00 1153	11:00 82	09:00 53	11:00 9
<b>PM Peak</b>	16:00 1289	19:00 7	16:00 1132	16:00 114	16:00 38	14:00 7

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 02 Mar 2020 Channel: Eastbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	32	0	25	2	2	0
01:00	24	0	18	4	2	0
02:00	14	0	10	2	2	0
03:00	24	0	21	3	0	0
04:00	81	0	64	10	6	1
05:00	284	3	218	41	15	7
06:00	755	2	630	103	18	2
07:00	1111	3	989	92	22	5
08:00	1147	3	1029	90	20	5
09:00	740	0	609	96	25	10
10:00	607	1	496	78	27	5
11:00	664	4	550	89	16	5
12:00	687	5	583	69	21	9
13:00	732	1	633	76	20	2
14:00	780	7	672	72	21	8
15:00	934	7	834	72	18	3
16:00	972	2	883	74	10	3
17:00	936	12	883	27	12	2
18:00	607	3	579	19	5	1
19:00	436	3	409	19	4	1
20:00	346	0	330	15	0	1
21:00	273	1	257	12	2	1
22:00	121	0	113	5	2	1
23:00	63	0	59	3	1	0
<b>Total</b>						
12H(7-19)	9917	48	8740	854	217	58
16H(6-22)	11727	54	10366	1003	241	63
18H(6-24)	11911	54	10538	1011	244	64
24H(0-24)	12370	57	10897	1073	271	72
<b>AM Peak</b>	08:00 1147	11:00 4	08:00 1029	06:00 103	10:00 27	09:00 10
<b>PM Peak</b>	16:00 972	17:00 12	17:00 883	13:00 76	14:00 21	12:00 9

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 02 Mar 2020 Channel: Total Flow

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 RGV	Bin 5 Bus
00:00	66	0	55	4	6	1
01:00	51	0	41	4	6	0
02:00	24	0	18	3	3	0
03:00	36	0	30	5	1	0
04:00	121	0	92	17	10	2
05:00	402	4	315	54	22	7
06:00	1133	3	965	121	40	4
07:00	2149	6	1897	164	74	8
08:00	2417	5	2182	163	58	9
09:00	1550	3	1285	168	78	16
10:00	1215	4	996	139	65	11
11:00	1390	10	1154	171	41	14
12:00	1423	5	1219	139	48	12
13:00	1462	5	1261	146	42	8
14:00	1666	11	1424	165	51	15
15:00	1907	12	1673	165	51	6
16:00	2261	4	2015	188	48	6
17:00	2119	16	2002	64	34	3
18:00	1684	3	1569	72	37	3
19:00	929	10	858	39	19	3
20:00	606	0	572	22	9	3
21:00	473	1	437	23	9	3
22:00	297	0	264	16	15	2
23:00	113	0	100	7	5	1
<b>Total</b>						
12H(7-19)	21243	84	18677	1744	627	111
16H(6-22)	24384	98	21509	1949	704	124
18H(6-24)	24784	98	21873	1972	724	127
24H(0-24)	25494	102	22424	2059	772	137
<b>AM Peak</b>	08:00 2417	11:00 10	08:00 2182	11:00 171	09:00 78	09:00 16
<b>PM Peak</b>	16:00 2261	17:00 16	16:00 2015	16:00 188	15:00 51	14:00 15

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Western Site)

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 03 Mar 2020 Channel: Westbound

Time	Total Volume	Bin 1 W/Cycle Car/Min	Bin 2 W/Cycle Car/Min	Bin 3 GVV	Bin 4 RDV	Bin 5 Bus
00:00	43	0	34	1	7	1
01:00	33	0	24	2	6	1
02:00	16	0	13	2	1	0
03:00	20	0	13	1	5	1
04:00	45	1	34	4	5	1
05:00	150	0	133	7	8	2
06:00	408	6	356	26	16	4
07:00	1078	4	960	78	31	5
08:00	1331	5	1194	76	50	6
09:00	812	2	702	73	30	5
10:00	602	4	538	49	25	6
11:00	752	7	614	105	17	9
12:00	801	2	665	98	34	2
13:00	741	4	636	76	19	6
14:00	804	1	760	95	29	9
15:00	1025	1	890	109	22	3
16:00	1339	6	1184	90	55	4
17:00	1367	7	1277	58	20	5
18:00	1045	4	982	41	18	0
19:00	546	1	511	27	4	3
20:00	303	1	280	15	6	1
21:00	212	1	201	8	0	2
22:00	205	0	193	7	3	2
23:00	102	2	92	6	2	0
<b>Total</b>						
12H(7-19)	11787	47	10382	948	350	60
16H(6-22)	13256	56	11730	1024	376	70
18H(6-24)	13563	58	12015	1037	381	72
24H(0-24)	13870	59	12266	1054	413	78
<b>AM Peak</b>	08:00 1331	11:00 7	08:00 1194	11:00 105	08:00 50	11:00 9
<b>PM Peak</b>	17:00 1367	17:00 7	17:00 1277	15:00 109	16:00 55	14:00 9

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 03 Mar 2020 Channel: Eastbound

Time	Total Volume	Bin 1 W/Cycle Car/Min	Bin 2 W/Cycle Car/Min	Bin 3 GVV	Bin 4 RDV	Bin 5 Bus
00:00	25	0	21	2	2	1
01:00	18	0	11	0	5	2
02:00	15	0	12	2	1	0
03:00	23	0	17	3	3	0
04:00	70	1	56	4	3	6
05:00	304	3	242	38	15	6
06:00	778	0	649	98	24	7
07:00	1219	3	1084	107	23	2
08:00	1120	2	1015	66	23	4
09:00	760	0	641	89	27	3
10:00	595	3	485	71	31	5
11:00	711	2	590	91	19	9
12:00	674	1	556	83	27	7
13:00	742	2	646	76	16	2
14:00	861	6	718	104	27	6
15:00	934	4	809	95	17	9
16:00	1059	6	981	52	16	4
17:00	952	4	887	42	17	2
18:00	704	1	672	25	5	1
19:00	468	0	439	23	3	3
20:00	346	0	329	13	2	2
21:00	285	1	265	14	3	2
22:00	144	0	141	2	0	1
23:00	72	1	63	5	3	0
<b>Total</b>						
12H(7-19)	10331	34	9094	901	248	54
16H(6-22)	12208	35	10776	1049	280	68
18H(6-24)	12424	36	10980	1056	283	69
24H(0-24)	12879	40	11339	1105	311	84
<b>AM Peak</b>	07:00 1219	10:00 3	07:00 1084	07:00 107	10:00 31	11:00 9
<b>PM Peak</b>	16:00 1059	16:00 6	16:00 981	14:00 104	14:00 27	15:00 9

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 03 Mar 2020 Channel: Total Flow

Time	Total Volume	Bin 1 W/Cycle Car/Min	Bin 2 W/Cycle Car/Min	Bin 3 GVV	Bin 4 RDV	Bin 5 Bus
00:00	68	0	55	3	8	2
01:00	51	0	35	2	11	3
02:00	31	0	25	4	2	0
03:00	43	0	30	4	8	1
04:00	115	2	90	8	8	7
05:00	454	3	375	45	23	8
06:00	1186	6	1005	124	40	11
07:00	2297	7	2044	185	54	7
08:00	2451	7	2219	142	73	10
09:00	1572	2	1343	162	57	8
10:00	1197	7	1003	120	56	11
11:00	1463	9	1204	196	36	18
12:00	1475	3	1221	181	61	9
13:00	1483	6	1282	152	35	8
14:00	1755	7	1478	199	56	15
15:00	1959	5	1699	204	39	12
16:00	2398	12	2165	142	71	8
17:00	2319	11	2164	100	37	7
18:00	1749	5	1654	66	23	1
19:00	1014	1	950	50	7	6
20:00	649	1	609	28	8	3
21:00	497	2	466	22	3	4
22:00	349	0	334	9	3	3
23:00	174	3	155	11	5	0
<b>Total</b>						
12H(7-19)	22118	81	19476	1849	598	114
16H(6-22)	25464	91	22506	2073	656	138
18H(6-24)	25987	94	22995	2093	664	141
24H(0-24)	26749	99	23605	2159	724	162
<b>AM Peak</b>	08:00 2451	11:00 9	08:00 2219	11:00 196	08:00 73	11:00 18
<b>PM Peak</b>	16:00 2398	16:00 12	16:00 2165	15:00 204	16:00 71	14:00 15

PCC Traffic Information Consultancy Ltd.

PCC St Neots Road, Bedford (Western Site)

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 04 Mar 2020 Channel: Westbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 HGV	Bin 5 Bus
00:00	46	0	34	3	8	1
01:00	26	1	21	0	3	1
02:00	14	0	10	2	2	0
03:00	21	0	18	3	0	0
04:00	50	0	33	8	6	3
05:00	148	0	132	12	3	1
06:00	382	3	333	32	13	1
07:00	1115	3	968	115	23	6
08:00	1315	4	1206	82	19	4
09:00	835	0	746	69	15	5
10:00	691	1	591	78	18	3
11:00	674	3	583	63	19	6
12:00	784	3	678	78	19	6
13:00	759	3	661	68	18	9
14:00	889	2	751	105	23	6
15:00	1066	1	905	131	22	7
16:00	1308	3	1181	85	36	3
17:00	1341	6	1225	74	33	3
18:00	1091	2	1004	58	25	2
19:00	527	1	482	23	20	1
20:00	257	0	236	11	19	1
21:00	205	1	185	7	10	2
22:00	154	0	138	5	9	2
23:00	67	0	59	2	6	0
<b>Total</b>						
12H(7-19)	11868	31	10501	1006	270	60
16H(6-22)	13239	36	11727	1079	332	65
18H(6-24)	13460	36	11924	1086	347	67
24H(0-24)	13765	37	12172	1114	369	73
<b>AM Peak</b>	08:00	08:00	08:00	07:00	07:00	11:00
	1315	4	1206	115	23	6
<b>PM Peak</b>	17:00	17:00	15:00	16:00	13:00	
	1341	6	1225	131	36	9

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 04 Mar 2020 Channel: Eastbound

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 HGV	Bin 5 Bus
00:00	30	0	25	1	0	0
01:00	29	0	20	1	6	2
02:00	15	0	11	2	2	0
03:00	21	0	15	3	2	1
04:00	65	0	45	9	7	4
05:00	306	0	241	39	16	10
06:00	782	1	652	98	25	6
07:00	1179	2	1056	104	13	4
08:00	1245	2	1121	86	32	4
09:00	777	1	635	101	31	9
10:00	590	3	481	74	25	7
11:00	736	2	612	87	30	5
12:00	718	2	619	75	15	7
13:00	778	1	662	91	18	6
14:00	789	5	694	70	16	4
15:00	917	8	830	57	13	9
16:00	1057	5	953	86	9	4
17:00	840	2	792	29	15	2
18:00	637	2	604	22	7	2
19:00	418	2	395	18	1	2
20:00	310	0	292	15	2	1
21:00	228	0	223	4	0	1
22:00	121	0	113	5	1	2
23:00	55	0	49	4	2	0
<b>Total</b>						
12H(7-19)	10263	35	9059	882	224	63
16H(6-22)	12001	38	10621	1017	252	73
18H(6-24)	12177	38	10783	1026	255	75
24H(0-24)	12643	38	11144	1081	288	82
<b>AM Peak</b>	08:00	10:00	08:00	07:00	08:00	05:00
	1245	3	1121	104	32	10
<b>PM Peak</b>	16:00	15:00	16:00	13:00	13:00	15:00
	1057	8	953	91	18	9

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802  
 West Site  
 Classification Report 04 Mar 2020 Channel: Total Flow

Time	Total Volume	Bin 1 W/Cycle	Bin 2 Car/Min	Bin 3 GVV	Bin 4 HGV	Bin 5 Bus
00:00	76	0	63	4	8	1
01:00	55	1	41	1	9	3
02:00	29	0	21	4	4	0
03:00	42	0	33	6	2	1
04:00	115	0	78	17	13	7
05:00	454	0	373	51	19	11
06:00	1164	4	985	130	38	7
07:00	2294	5	2024	219	36	10
08:00	2560	6	2327	168	51	8
09:00	1612	1	1381	170	46	14
10:00	1281	4	1072	152	43	10
11:00	1410	5	1195	150	49	11
12:00	1502	5	1297	153	34	13
13:00	1537	4	1323	159	36	15
14:00	1678	7	1447	175	39	10
15:00	1983	9	1715	188	35	16
16:00	2365	8	2134	171	45	7
17:00	2181	8	2017	103	48	5
18:00	1728	4	1608	80	32	4
19:00	945	3	877	41	21	3
20:00	567	0	518	26	21	2
21:00	433	1	408	11	10	3
22:00	275	0	251	10	10	4
23:00	122	0	108	6	8	0
<b>Total</b>						
12H(7-19)	22131	66	19560	1888	494	123
16H(6-22)	25240	74	22348	2096	584	138
18H(6-24)	25637	74	22707	2112	602	142
24H(0-24)	26408	75	23316	2195	657	165
<b>AM Peak</b>	08:00	08:00	08:00	07:00	08:00	09:00
	2560	6	2327	219	51	14
<b>PM Peak</b>	16:00	15:00	16:00	15:00	17:00	15:00
	2365	9	2134	188	48	16

PCC Traffic Information Consultancy Ltd.











PCC St Neots Road, Bedford (Western Site)

Site Ref. 519802 Site No. 519802

West Site Speed Report (Speed Limit 60 Mph)

02 Mar 2020

Channel: Westbound

Table with columns: Time, Total Volume, 85th Percentile, Mean Average, Standard Deviation, and 13 speed bins (Bin 1 to Bin 13). Includes AM and PM Peak data.

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802

West Site Speed Report (Speed Limit 60 Mph)

02 Mar 2020

Channel: Eastbound

Table with columns: Time, Total Volume, 85th Percentile, Mean Average, Standard Deviation, and 13 speed bins (Bin 1 to Bin 13). Includes AM and PM Peak data.

PCC Traffic Information Consultancy Ltd.

Site No. 519802 Site Ref. 519802

West Site Speed Report (Speed Limit 60 Mph)

02 Mar 2020

Channel: Total Flow

Table with columns: Time, Total Volume, 85th Percentile, Mean Average, Standard Deviation, and 13 speed bins (Bin 1 to Bin 13). Includes AM and PM Peak data.

PCC Traffic Information Consultancy Ltd.



