

Bidwells
C/O Harriet Wooler
via Email



20th February 2020

Dear Harriet,

Land north of Horseheath Road, Linton

Introduction

EAS has been appointed to provide a transportation review of the above site in order to support its allocation in the South Cambridgeshire Local Plan Review.

Linton is a village in South Cambridgeshire on the borders of Essex. The site currently comprises of agricultural land and covers an area of 7.29 hectares. To the west the site is bound by residential development and to the east, beyond the tree belt, are agricultural fields. The land to the north of the site currently comprises of agricultural land however an application for 42 dwellings has been submitted and is yet to be determined. A Site Boundary plan is attached as **Appendix A**.

For the purposes of this report, it is proposed that the site be developed for residential use for up to 130 dwellings.

Surrounding Local Road Network

Horseheath Road, forming the southern site boundary has a 60mph speed limit. This reduces to a 30mph speed limit further west as you enter the village of Linton. There are no footways directly at the site frontage on Horseheath Road although these do commence on the south side further to the west.

Further west, the High Street has a 20mph speed limit and is a one-way system from the junction of the High Street and Balsham Road for 350m westwards to the junction of Coles Lane.

Proposed Site Access

For the purpose of this review, it has been assumed that the 30mph limit would be extended eastwards. A visibility splay of 2.4m x 43m has been provided to the west coinciding with the extended 30mph speed limit. A visibility splay of 2.4 x 215m has been provided to the east, to reflect the 60mph speed limit that may still operate. The visibility splays are shown in SK01 at **Appendix B**, along with the proposed 30mph relocation.

At this point in time the access has been shown with a 5.5m carriageway and a 2m footway. This style of highway access would be suitable for the scale of the proposed development.

There are no existing footways on Horseheath Road alongside the site however there is one on the opposite side of Horseheath Road running, which gives pedestrian access to the existing facilities within the village and the bus stops on High Street.

To improve pedestrian connectivity and provide safe pedestrian access to the existing local footways, a tactile paving crossing point and footway could be created along the southern boundary of the site with a dropped kerb crossing to a new footway on the south side of Horseheath Road. This would provide the new residents

with safe pedestrian access from within the site. The indicative footway improvements and informal crossing points are also shown at **Appendix B**.

Local Facilities

Linton is categorised as a Minor Rural Centre within the adopted Local Plan (2018), which acknowledges the wide variety of services which are located within the village.

The site is an 8-minute walk (650m) from the village High Street. Everyday amenities located in the village include:

- A Co-Op supermarket
- Pharmacy
- Library
- Post office
- Health Care Centre
- Dentist
- Opticians
- Veterinary surgery
- Takeaway and restaurant
- Pre-school and primary schools.

As well as everyday essentials, there are numerous recreation opportunities within the village. There are numerous public houses as well as independent cafes and bakeries. On the southern outskirts of the village there is a zoological garden.

Walking and Cycling

The proposed footway improvement would facilitate sustainable walking trips into the village.

Whilst no regional cycling routes or national cycling routes pass through Linton, the traffic calming measures within the village including the 20mph speed restriction provides an inviting environment for cyclists.

Public Transport

Buses

13A/B/C Gold Cambridge to Haverhill

From the bus stop located along the High Street, this route offers a frequent service of a minimum 2 buses per hour to Cambridge City Centre Monday to Friday. The first service departs at 07:34 and last service at 00:19. On Saturdays, there is an hourly service until 10:39 when services return to 2 per hour.

A service is available on Sundays with the first service arriving at 09:55 with one service every hour until 23:59.

13A/B/C Gold Haverhill to Cambridge

From the bus stop located along the High Street, this route offers a frequent service of a minimum of 2 buses per hour. The first service departs at 06:06 and the last service departs at 22:16. On Saturdays, the first service departs at 06:59 with 2 services per hour until 16:44. The last service departs at 22:16.

On Sundays, the first service departs at 08:01 with hourly services until 20:01.

19 Burrough Green – Haverhill

This service operates 5 times a day between 08:08 and 17:28 Monday to Friday only.

19 Haverhill - Burrough Green

This service operates 5 times a day between 10:47 and 18:22 Monday to Friday only.

46 Streetly End - Dullingham – Newmarket

This route only operates on Tuesdays and is a community bus service. The AM departure leaves the village of Linton at 09:21 and arrives in Newmarket at 10:22. The return service departs Newmarket at 13:02 and arrives back in Linton at 14:06.

F29 Saffron Walden (Circular Route)

This route only operates on Tuesdays and is a community bus service operated by Essex and Suffolk DaRT (Demand Responsive Transport). Users of this service must pre-book. The service departs Parsonage Way in Linton Village at 09:01. The return services arrived back at the same stop at either 11:21 or 13:38.

It is clear there are sufficient and regular bus services from the village which provide good public transport links, particularly to the transport hub of Cambridge. The bus service timetables for all discussed routes are enclosed at **Appendix C**.

Trains

Cambridge Railway Station can be accessed via bus route 13A/B/C Gold with a journey time of approximately 30 minutes. From the stop in 'Drummer Street', the station is a 20-minute walk.

Cambridge Railway Station is a transport interchange between the City of London and East Anglia / Midlands. Therefore, there are a large number of services provided by a number of operators including:

- First Capital Connect services to Kings Cross (frequency of approx. 2 trains per hour).
- First Capital Connect services to King Lynn (frequency of approx. 1 train per hour).
- National Express East Anglia services to London Liverpool Street (frequency of approx. 2 trains per hour).
- National Express East Anglia services to Norwich (frequency of approx. 1 train per hour).
- Cross Country services to Birmingham New Street (frequency of approx. 1 train per hour).
- Cross Country services to Stanstead Airport (frequency of approx. 1 train per hour).

Tables 1 and 2 below summaries the key services to London from Cambridge.

	Trains per hour		Southbound to London Liverpool Street		Northbound to Cambridge	
	Daytime	Evening	First train	Last train	First train	Last train
M - F	2	2	04:48	22:51	05:28	23:58
Sat	2	2	04:38	22:51	05:43	23:58
Sun	2	2	07:32	22.32	07:33	22:58

Table 1 Key rail services to and from Cambridge Railway Station
Operated by Greater Anglia

	Trains per hour		Southbound to London Kings Cross/St Pancras		Northbound to Cambridge	
	Daytime	Evening	First train	Last train	First train	Last train
M - F	2	2	04:54	23:54	05:03	23:51
Sat	2	2	04:38	23:45	05:03	23:54
Sun	2	2	08:28	23:20	06:31	23:11

Table 2 Key rail services to and from Cambridge Railway Station
Operated by Thames Link

Trip Generation

EAS has reviewed the nationally recognised Trip Rate database 'TRICS' to determine an appropriate vehicle trip rate. TRICS sites have been chosen based on the advice given in the database and the following methodology.

- Multi modal data
- Mainland England
- Within the last 5 years
- Not including Greater London
- Developments below 300 units

Sites have been chosen from the Neighbourhood Centre and Edge of Town location options. The TRICS guidance indicates that these options are the most appropriate in this instance.

The resulting TRICS data output is enclosed in **Appendix D** and gives the following AM and PM trip rates and subsequent vehicle trips based on 130 dwellings:

	Trip Rate (Per Dwelling)		Vehicle Trips (130 Dwellings)		
	In	Out	In	Out	Total
AM Peak Hour	0.146	0.364	19	47	66
PM Peak Hour	0.335	0.139	44	18	62

Table 3: Residential Vehicle TRICS Trip Rates and Trip Numbers (allow for rounding)

As can be seen from Table 3 above, the peak hourly flow from the site based on 130 dwellings is predicted to be 66 AM peak hour vehicle movements and 62 PM peak hour vehicle movements. This equates to approximately 1 vehicle movement per minute.

Looking at the potential for traffic directional split at this preliminary stage, it is assumed that most vehicular traffic would turn eastwards on Horseheath Road towards the A1307 and to the wider highway network, particularly the M11/A11. This route would avoid the 20mph one-way route which runs through the centre of the village.

A Y-priority junction is located on the junction of Horseheath Road and the A 1307. Assuming 80% of the outbound AM peak vehicle movements would head east along Horseheath Road, this would result in 1 vehicle per minute arriving at the junction on average. A review of freely available traffic data, indicates minor congestion during the AM peak hour at this junction. An additional 1 vehicle per minute is likely to have an imperceptible impact. Nevertheless, it would appear that land is available here to allow for improvements to the junction should it be necessary due to overall increases in background traffic volumes, either by widening of the right turn lane waiting area or the provision of a roundabout.

The westwards bound traffic is likely to remain within the village and be associated with schools and shops, although it is envisaged that most local trips would be by sustainable means and therefore car trips have the potential to be slightly lower than that predicted from TRICS in this instance.

Local Road Traffic Accidents

The CrashMap database has been interrogated and in the last five years (2014 to 2018 inclusive) there are no recorded accidents along Horseheath Road in the vicinity of the site access. This indicates there are no existing issues which would be exacerbated by the proposed residential development. The CrashMap overview is at **Appendix E**.

A1307 Transport Improvements

The Greater Cambridge Partnership Transport Projects include proposed improvements on the A1307 from Cambridge to Haverhill passing Linton. The Phase 1 of the works commenced on 10th February 2020 which is the signalisation of the Linton High Street/A1307 junction.

The full description of the proposed works is illustrated in outline on the plan attached here at **Appendix F** which has been obtained from the following web site:

<https://www.greatercambridge.org.uk/transport/transport-projects/cambridgesoutheast>

In addition to the introduction of the signal junction at the Linton High Street/A1307 junction, the proposals (in the vicinity of Linton) also include 1) A Greenway (Linton Greenway) commencing at the south west of the village and running to Cambridge. A 'Greenway' being a route for cyclists that is traffic free as far as practically possible. 2) A proposed bus lane between Bartlow Road and the Linton High Street/A1307 junction (described above), this would clearly provide time saving benefits for bus users and most likely include a level of bus priority control at the new signals. 3) speed reduction measures on the A1307 to the east of Linton commencing from the Horseheath Road junction and ending at the village of Horseheath circa 3.25km to the east.

In addition to all of the above significant improvements it is suggested that a roundabout and 'rural hub' be introduced at the Bartlow Road junction with the A1307, currently a give way junction. The installation of a roundabout would improve capacity in traffic terms as well as safety.

The rural hub element is a sustainable travel facility benefitting all modes with a range of facilities allowing interchange from one mode to another, reducing the benefit and reliance of the private car and increasing the viability of sustainable modes. A travel hub will have a range of facilities each depending on the volume of travellers but it is suggested in further data provided by the Greater Cambridge Partnership that they would include Bus stops, Taxi rank, Car parking allowing for an element of park and ride, as well as set down and pick up. Toilets, secure cycle parking facilities, waiting room with sufficient heating, CCTV coverage, refreshments and shop, Tourist information free Wi Fi and an attendant.

This is a new style of transport facility which in the past have generally been for the primary benefit of individual modes, i.e a park and ride facility mainly for buses, or a service station purely for car travel etc.

This rural hub would be a journey distance of between 700m and 1km from the site depending on route choice i.e making use of a more rural or urban route respectively. On foot this would be a maximum of a circa 12 minute walk.

Summary

EAS has been appointed to provide a transportation review of 'Land north of Horseheath Road, Linton' in order to support its allocation in the South Cambridgeshire Local Plan Review process.

An indicative highway access layout has been produced and a 2.4m x 43m visibility splay to the west and a 2.4mx 215m to the east has been achieved. The visibility to the west assumes that the existing 30mph will

be extended to incorporate the site frontage. The proposed access comprises of a 5.5m width carriageway with a 2m wide footpath leading into the site.

Linton has a range of everyday living facilities including food shops, schools and employment opportunities. There are also existing good public transport links. However the proposed A1307 improvements inclusive of the proposed Linton Rural Hub will provide a significant sustainable transport upgrade and benefit residents of the site and conversely will benefit from patronage as a result of an increase in local residents.

It is clear that a future resident of this site would be able to access everyday needs living, working and education facilities, by either walking, cycling or by public transport and would not need to use a private motor car.

A TRICS assessment for a residential development of approximately 130 units has been completed and the resulting AM peak hour and PM peak hour vehicle trips generated are considered to have no detrimental impact on the local road network. The sites that would be used to estimate these TRICS rates would not have had the benefit of the proposal Rural Hub and so these are potentially higher than would actually emerge at this site should it come forward.

Conclusion

It is in our opinion that the site presents a sustainable development opportunity and would be compliant with all transport and highways policy.

If you have any queries or require any clarification, please do not hesitate to contact me.

Yours Sincerely,

Rose Cargill

Appendix A – Site Boundary Plan

Appendix B SK01 Visibility Splay and Indicative Site Access

Appendix C – Local Bus Timetables

Appendix D – TRICS Data

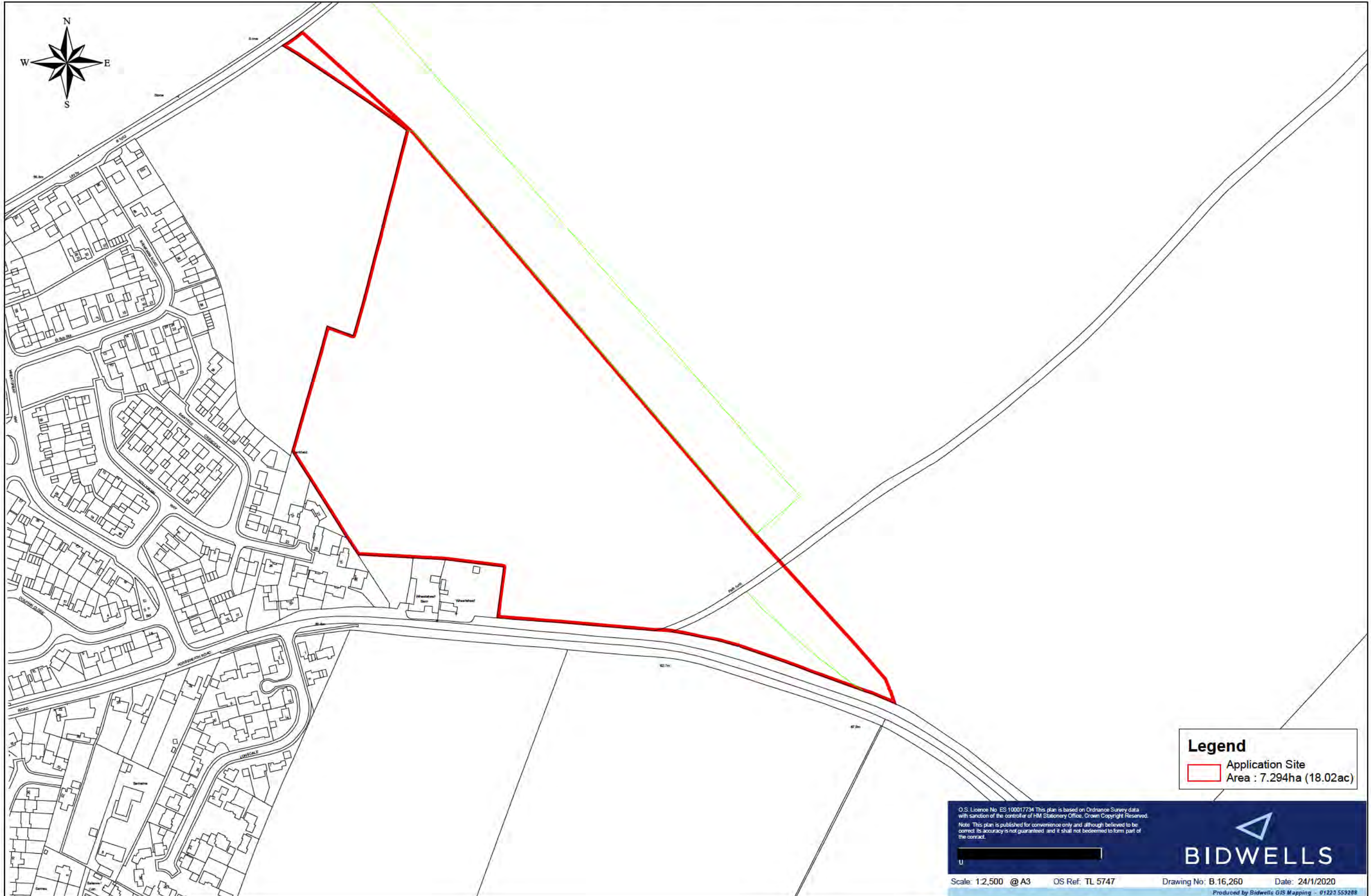
Appendix E - Crashmap Plan

Appendix F – A1307 Sustainable Travel Improvements



Appendix A- Site Boundary Plan

Land north of Horseheath Road, Linton



Legend
Application Site
Area : 7.294ha (18.02ac)

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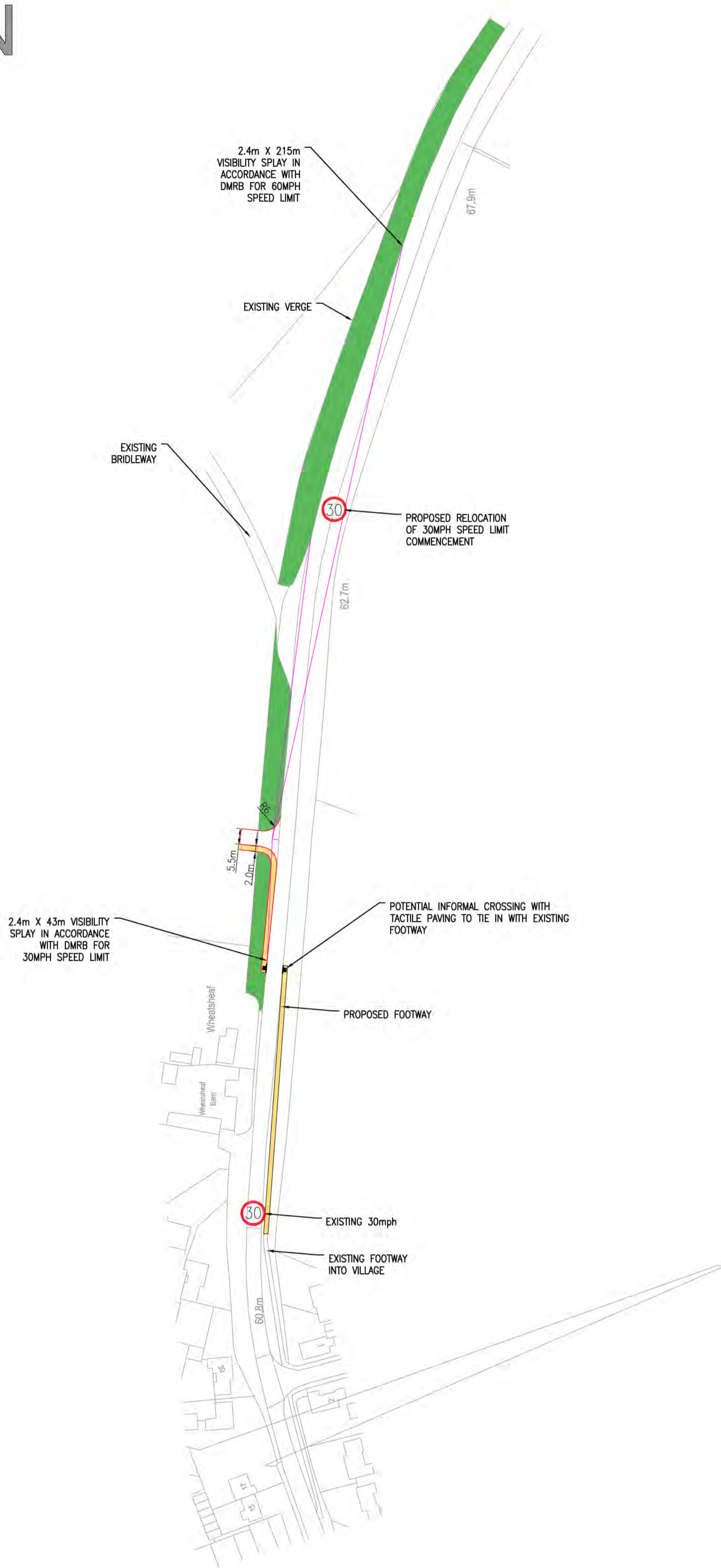
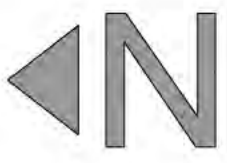


Scale: 1:2,500 @ A3 OS Ref: TL 5747 Drawing No: B.16,260 Date: 24/1/2020
Produced by Bidwells GIS Mapping - 01223 553288





Appendix B – Highway Access and Footway Improvements



REV	DATE	BY	DESCRIPTION	CHK	APD
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DRAWING STATUS:

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CLIENT: **BIDWELLS**

ARCHITECT:

PROJECT: **LAND NORTH OF HORSEHEATH ROAD, LINTON**

TITLE: **VISIBILITY SPLAY, INDICATIVE SITE ACCESS AND FOOTWAY IMPROVEMENTS**

SCALE @ A2: **1:1000** DESIGN-DRAWN: **RC** DATE: **14/02/2020**

PROJECT No: **2649** DRAWING No: **SK01**

Appendix C – Local Bus Timetables

MONDAYS TO FRIDAYS EXCLUDING BANK HOLIDAYS

route number	13	13A	13	13A	13	13A	13	13A	13	13A	13	13A	13	13A	X13			
Cambridge Drummer Street bay 6	0655	0725	0755	0830	0900	0930	1000		30	00		1330	1400	1430	-	1500	1530	-
Cambridge Drummer Street bay 7	▼	▼	▼	▼	▼	▼	▼		▼	▼		▼	▼	▼	-	▼	▼	1550
Cambridge Rail Station stop 4	▼	▼	▼	▼	▼	▼	▼		▼	▼		▼	▼	▼	-	▼	▼	▼
+ Addenbrooke's bus station bay C	0710	0745	0820	0855	0925	0945	1015		45	15		1345	1415	1445	-	1515	1550	1610
Abington School	0725	0800	0835	0910	0940	1000	1030		00	30		1400	1430	1500	-	1530	1605	▼
Linton Village College	▼	▼	▼	▼	▼	▼	▼		▼	▼		▼	▼	▼	1520	▼	▼	▼
Linton Police Houses	0730	0805	0840	0915	0945	1005	1035	THEN	05	35		1405	1435	1505	1521	1535	1610	1630
Linton High Street	0734	0809	0844	0919	0949	1009	1039	AT	09	39		1409	1439	1509	▼	1539	1614	▼
Horseheath Green	0742	0817	0852	0927	0957	1017	1047	THESE	17	47	UNTIL	1417	1447	1517	▼	1547	1622	▼
Haverhill Sainsburys	0747	0822	0857	0932	1002	1022	1052	TIMES	22	52		1422	1452	1522	1531	1552	1627	1640
Haverhill Chimswell Way	▼	0826	▼	0936	▼	1026	▼	EACH	26	▼		1426	▼	1526	▼	▼	1631	▼
Haverhill Arrendene Road	0752	▼	0902	▼	1007	▼	1057	HOUR	▼	57		▼	1457	▼	▼	1557	▼	▼
Duddery Hill Mill Hill	0759	0834	0909	0944	1014	1034	1104		34	04		1434	1504	1534	1541	1604	1639	▼
Haverhill bus station Stop 2 ARR.	0807	0842	0912	0948	1017	1042	1112		42	12		1442	1512	1542	1546	1612	1647	1648
Haverhill bus station Stop 2 DEP.	0817	0847	0917	0948	1017	1047	1117		47	17		1447	1517	1547	-	1617	1647	-
Haverhill Millfields Way	0822	0852	0922	0952	1022	1052	1122		52	22		1452	1522	1552	-	1622	1652	-
Shetland Road Malin Close	0828	0858	0928	0958	1028	1058	1128		58	28		1458	1528	1558	-	1628	1658	-
Haverhill Samuel Ward School	0832	0902	0932	1002	1032	1102	1132		02	32		1502	1532	1602	-	1632	1702	-

MONDAYS TO FRIDAYS EXCLUDING BANK HOLIDAYS (CONTINUED)

route number	X13	X13	13	X13	13A	X13	13	X13	13A	X13	13	13A	X13	13	13	13	13	
Cambridge Drummer Street bay 6	Sch	Sch																
Cambridge Drummer Street bay 7	-	1555	▼	1615	▼	1645	▼	1715	▼	1745	▼	1845	▼	1940	2040	2140	2240	2340
Cambridge Rail Station stop 4	-	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	1947	2047	2147	2247	2347
+ Addenbrooke's bus station bay C	1610	1618	1625	1648	1655	1713	1725	1743	1755	1808	1820	1850	1905	1956	2056	2156	2256	2356
Abington School	▼	▼	1640	▼	1710	▼	1740	▼	1810	▼	1835	1905	▼	2011	2111	2211	2311	0011
Linton Village College	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
Linton Police Houses	1630	1638	1648	1708	1720	1733	1745	1803	1820	1828	1845	1910	1920	2016	2116	2216	2316	0016
Linton High Street	▼	▼	1652	▼	1724	▼	1749	▼	1824	▼	1849	1914	▼	2019	2119	2219	2319	0019
Horseheath Green	▼	▼	1700	▼	1732	▼	1757	▼	1832	▼	1857	1922	▼	2026	2126	2226	2326	0026
Haverhill Sainsburys	1640	1648	1705	1718	1737	1743	1802	1813	1837	1838	1902	1927	1930	2030	2130	2230	2330	0030
Haverhill Chimswell Way	▼	▼	▼	▼	1741	▼	▼	▼	1841	▼	▼	1931	▼	▼	▼	▼	▼	▼
Haverhill Arrendene Road	▼	▼	1710	▼	▼	▼	1807	▼	▼	▼	1907	▼	▼	▼	▼	▼	▼	▼
Duddery Hill Mill Hill	▼	▼	1719	▼	1749	▼	1814	▼	1849	▼	1914	1939	▼	2038	2138	2238	2338	0038
Haverhill bus station Stop 2 ARR.	1648	1656	1727	1726	1757	1751	1822	1821	1857	1846	1922	1947	1938	2046	2146	2246	2346	0046
Haverhill bus station Stop 2 DEP.	▼	-	1732	-	1802	▼	1827	-	1902	▼	1927	1952	▼	-	-	-	▼	▼
Haverhill Millfields Way	▼	-	1737	-	1807	▼	1832	-	1907	▼	1932	1957	▼	-	-	-	2349	0049
Shetland Road Malin Close	▼	-	1743	-	1813	▼	1838	-	1913	▼	1938	2003	▼	-	-	-	2355	0055
Haverhill Samuel Ward School	▼	-	1747	-	1817	▼	1842	-	1917	▼	1942	2007	▼	-	-	-	2359	0059
Little Wratting The Fox	▼	-	-	-	-	1756	-	-	-	1851	-	-	1942	-	-	-	0003	-
Kedington Dash End	▼	-	-	-	-	1808	-	-	-	1903	-	-	1948	-	-	-	0009	-
Sturmer The Memorial	1654	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stoke-by-Clare The Lion	1702	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clare Memorial	1708	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND

- Sch This bus operates on School Days Only
- #Sch This bus operates on School Holidays Only

CONTINUED ON NEXT PAGE

SATURDAYS EXCLUDING BANK HOLIDAYS

route number	I3	I3A	I3	I3A	I3	I3A	I3	I3A	I3	I3A	I3	I3A	I3	XI3	I3A	I3
Cambridge Drummer Street bay 6	-	-	0800	-	0900	-	1000	1030	00	30	1500	1530	1600	-	1630	1700
Cambridge Drummer Street bay 7	-	-	▼	-	▼	-	▼	▼	▼	▼	▼	▼	▼	1615	▼	▼
Cambridge Rail Station stop 4	-	-	▼	-	▼	-	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
+ Addenbrooke's bus station bay C	-	-	0815	-	0915	-	1015	1045	15	45	1515	1545	1615	1630	1645	1715
Abington School	-	-	0830	-	0930	-	1030	1100	30	00	1530	1600	1630	▼	1700	1730
Linton Police Houses	-	-	0835	-	0935	-	1035	1105	35	05	1535	1605	1635	1645	1705	1735
Linton High Street	-	-	0839	-	0939	-	1039	1109	39	09	1539	1609	1639	▼	1709	1739
Horseheath Green	-	-	0847	-	0947	-	1047	1117	47	17	1547	1617	1647	▼	1717	1747
Haverhill Sainsburys	-	-	0852	0922	0952	1022	1052	1122	52	22	1552	1622	1652	1655	1722	1752
Haverhill Chimswell Way	-	-	▼	0926	▼	1026	▼	1126	▼	26	▼	1626	▼	▼	1726	▼
Haverhill Arrendene Road	-	-	0857	▼	0957	▼	1057	▼	57	▼	1557	▼	1657	▼	▼	1757
Duddery Hill Mill Hill	-	-	0904	0934	1004	1034	1104	1134	04	34	1604	1634	1704	▼	1734	1804
Haverhill bus station Stop 2 ARR.	-	-	0912	0942	1012	1042	1112	1142	12	42	1612	1642	1712	1703	1742	1812
Haverhill bus station Stop 2 DEP.	0817	0847	0917	0947	1017	1047	1117	1147	17	47	1617	1647	1717	-	1747	1817
Haverhill Millfields Way	0822	0852	0922	0952	1022	1052	1122	1152	22	52	1622	1652	1722	-	1752	1832
Shetland Road Malin Close	0828	0858	0928	0958	1028	1058	1128	1158	38	58	1628	1658	1728	-	1758	1838
Haverhill Samuel Ward School	0832	0902	0932	1002	1032	1102	1132	1202	32	02	1632	1702	1732	-	1802	1842

SATURDAYS EXCLUDING BANK HOLIDAYS (CONTINUED)

route number	I3A	I3	I3A	I3	I3	I3	I3	I3
Cambridge Drummer Street bay 6	1730	1800	1830	1940	2040	2140	2240	2340
Cambridge Drummer Street bay 7	▼	▼	▼	▼	▼	▼	▼	▼
Cambridge Rail Station stop 4	▼	▼	▼	1945	2045	2145	2245	2345
+ Addenbrooke's bus station bay C	1745	1815	1845	1954	2054	2154	2254	2354
Abington School	1800	1830	1900	2009	2109	2209	2309	0009
Linton Police Houses	1805	1835	1905	2014	2114	2214	2314	0014
Linton High Street	1809	1839	1909	2018	2118	2218	2318	0018
Horseheath Green	1817	1847	1917	2026	2126	2226	2326	0026
Haverhill Sainsburys	1822	1852	1922	2030	2130	2230	2330	0030
Haverhill Chimswell Way	1826	▼	1926	▼	▼	▼	▼	▼
Haverhill Arrendene Road	▼	1857	▼	▼	▼	▼	▼	▼
Duddery Hill Mill Hill	1834	1904	1934	2038	2138	2238	2338	0038
Haverhill bus station Stop 2 ARR.	1842	1912	1942	2046	2146	2246	2346	0046
Haverhill bus station Stop 2 DEP.	1847	1917	1947	-	-	-	▼	▼
Haverhill Millfields Way	1852	1922	1952	-	-	-	2349	0049
Shetland Road Malin Close	1858	1928	1958	-	-	-	2355	0055
Haverhill Samuel Ward School	1902	1932	2002	-	-	-	2359	0059
Little Wratting The Fox	-	-	-	-	-	-	0003	-
Kedington Dash End	-	-	-	-	-	-	0009	-

SUNDAYS INCLUDING BANK HOLIDAYS

route number	I3	I3	I3	I3
Cambridge Drummer Street bay 6	0920	20	2120	2320
+ Addenbrooke's bus station bay C	0935	35	2135	2335
Abington School	0950	THEN AT	50	2150 2350
Linton Police Houses	0955	55	2155 2355	
Linton High Street	0959	THESE TIMES EACH HOUR	59	UNTIL 2159 2359
Horseheath Green	1007	07	2207 0007	
Haverhill Sainsburys	1011	11	2211 0011	
Duddery Hill Mill Hill	1018	18	2218 0018	
Haverhill bus station Stop 2	1026	26	2226 0026	

This timetable starts 19 January 2020



All of our vehicles are low floor and wheelchair accessible. Each vehicle can carry one wheelchair user.

MONDAYS TO FRIDAYS EXCLUDING BANK HOLIDAYS

route number	13A	13	13A	X13	13B	13	X13	X13	13C	X13	X13	13	13A	13	13A	13	13A	13	
							Sch												
Clare Memorial	-	-	-	-	-	-	0648	-	-	-	-	-	-	-	-	-	-	-	-
Stoke-by-Clare The Lion	-	-	-	-	-	-	0654	-	-	-	-	-	-	-	-	-	-	-	-
Sturmer The Memorial	-	-	-	-	-	-	0702	-	-	-	-	-	-	-	-	-	-	-	-
Kedington Dash End	-	-	-	-	-	-	▼	0700	-	0730	-	-	-	-	-	-	-	-	-
Little Wratting The Fox	-	-	-	-	-	-	▼	0705	-	0735	-	-	-	-	-	-	-	-	-
Haverhill Millfields Way	0514	0544	0614	-	-	0649	▼	▼	-	▼	0724	0752	0822	0852	0922	0952	1022	1052	
Shetland Road Malin Close	0520	0550	0620	-	-	0655	▼	▼	-	▼	0730	0758	0828	0858	0928	0958	1028	1058	
Haverhill Samuel Ward School	0524	0554	0624	-	-	0659	▼	▼	-	▼	0734	0802	0832	0902	0932	1002	1032	1102	
Haverhill bus station Stop 1 <small>ARR.</small>	0529	0559	0629	-	-	0704	0710	0715	-	▼	0739	0807	0837	0907	0937	1007	1037	1107	
Haverhill bus station Stop 1 <small>DEP.</small>	0531	0601	0631	0645	-	0706	-	0715	0728	0745	0746	0809	0839	0909	0939	1009	1039	1109	
Duddery Hill Mill Hill	0536	0606	0636	▼	0650	0711	-	▼	0735	▼	0751	0814	0844	0914	0944	1014	1044	1114	
Castle Camps School	▼	▼	▼	▼	0703	▼	-	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
Shudy Camps School	▼	▼	▼	▼	0708	▼	-	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
Bartlow Cross Roads	▼	▼	▼	▼	0715	▼	-	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
Haverhill Arrendene Road	▼	0616	▼	▼	▼	0721	-	▼	0745	▼	▼	0824	▼	0924	▼	1024	▼	1124	
Haverhill Chimswell Way	0547	▼	0647	▼	▼	▼	-	▼	▼	▼	0802	▼	0855	▼	0955	▼	1055	▼	
Haverhill Sainsburys	0553	0623	0653	0653	▼	0728	-	0723	0752	0753	0808	0831	0901	0931	1001	1031	1101	1131	
Horseheath Green	0559	0629	0659	▼	▼	0734	-	▼	0758	▼	▼	0837	0907	0937	1007	1037	1107	1137	
Linton High Street	0606	0636	0711	▼	0722	0746	-	▼	0810	▼	▼	0844	0914	0944	1014	1044	1114	1144	
Linton Police Houses	0610	0640	0715	0706	0726	0750	-	0739	0814	0808	0824	0848	0918	0948	1018	1048	1118	1148	
Linton Village College	▼	▼	▼	▼	▼	▼	-	▼	0818	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
Abington School	0615	0645	0720	▼	0733	0755	-	▼	0826	▼	▼	0853	0923	0953	1023	1053	1123	1153	
+ Addenbrooke's bus station bay A	0630	0700	0740	0724	0751	0815	-	0759	0845	0826	0844	0913	0943	1008	1038	1108	1138	1208	
🚆 Cambridge Rail Station stop 8	0638	0708	▼	▼	▼	▼	-	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
Cambridge Drummer Street bay 6	0648	0718	0755	0739	0811	0845	-	0816	0906	0846	0901	0933	1003	1023	1053	1123	1153	1223	

MONDAYS TO FRIDAYS EXCLUDING BANK HOLIDAYS (CONTINUED)

route number	13A	13	13A	13	13A	13	13A	13	13	13	13	13	13	13
Haverhill Millfields Way	1122		52	22			1452	1522	1552	1622	1652	-	-	-
Shetland Road Malin Close	1128		58	28			1458	1528	1558	1628	1658	-	-	-
Haverhill Samuel Ward School	1132		02	32			1502	1532	1602	1632	1702	-	-	-
Haverhill bus station Stop 1 <small>ARR.</small>	1137		07	37			1507	1537	1607	1637	1707	-	-	-
Haverhill bus station Stop 1 <small>DEP.</small>	1139		09	39			1509	1539	1609	1639	1709	1748	1848	1948
Duddery Hill Mill Hill	1144		14	44			1514	1544	1614	1644	1714	1753	1853	1953
Haverhill Arrendene Road	▼	THEN	24	▼			1524	▼	1624	▼	1724	▼	▼	▼
Haverhill Chimswell Way	1155	AT	▼	55			▼	1555	▼	1655	▼	▼	▼	▼
Haverhill Sainsburys	1201	THESE	31	01	UNTIL		1531	1601	1631	1701	1731	1803	1903	2003
Horseheath Green	1207	TIMES	37	07			1537	1607	1637	1707	1737	1809	1909	2009
Linton High Street	1214	EACH	44	14			1544	1614	1644	1714	1744	1816	1916	2016
Linton Police Houses	1218	HOUR	48	18			1548	1618	1648	1718	1748	1820	1920	2020
Linton Village College	▼		▼	▼			▼	▼	▼	▼	▼	▼	▼	▼
Abington School	1223		53	23			1553	1623	1653	1723	1753	1825	1925	2025
+ Addenbrooke's bus station bay A	1238		08	38			1608	1638	1708	1743	1813	1843	1938	2038
🚆 Cambridge Rail Station stop 8	▼		▼	▼			▼	▼	▼	▼	▼	▼	▼	▼
Cambridge Drummer Street bay 6	1253		23	53			1623	1653	1723	1803	1833	1900	1950	2050

LEGEND

- Sch This bus operates on School Days Only
- #Sch This bus operates on School Holidays Only

CONTINUED ON NEXT PAGE

SATURDAYS EXCLUDING BANK HOLIDAYS

route number	13A	13	13A	13	13A	13	13A	13	13	13	13	13	13	13
Haverhill Millfields Way	0607	0652	0722	52	22	1552	1622	1652	1732	1832	-	-	-	-
Shetland Road Malin Close	0613	0658	0728	58	28	1558	1628	1658	1738	1838	-	-	-	-
Haverhill Samuel Ward School	0617	0702	0732	02	32	1602	1632	1702	1742	1842	-	-	-	-
Haverhill bus station Stop 1 <small>ARR.</small>	0622	0707	0737	07	37	1607	1637	1707	1747	1847	-	-	-	-
Haverhill bus station Stop 1 <small>DEP.</small>	0624	0709	0739	09	39	1609	1639	1709	1748	1848	1948	2048	2148	2248
Duddery Hill Mill Hill	0629	0714	0744	14	44	1614	1644	1714	1753	1853	1953	2053	2153	2253
Haverhill Arrendene Road	▼	0724	▼	24	▼	1624	▼	1724	▼	▼	▼	▼	▼	▼
Haverhill Chimswell Way	0640	▼	0755	▼	55	UNTIL	▼	1655	▼	▼	▼	▼	▼	▼
Haverhill Sainsburys	0646	0731	0801	31	01	1631	1701	1731	1803	1903	2003	2103	2203	2303
Horseheath Green	0652	0737	0807	37	07	1637	1707	1737	1809	1909	2009	2109	2209	-
Linton High Street	0659	0744	0814	44	14	1644	1714	1744	1816	1916	2016	2116	2216	-
Linton Police Houses	0703	0748	0818	48	18	1648	1718	1748	1820	1920	2020	2120	2220	-
Abington School	0708	0753	0823	53	23	1653	1723	1753	1825	1925	2025	2125	2225	-
+ Addenbrooke's bus station bay A	0723	0808	0838	08	38	1708	1738	1808	1838	1938	2038	2138	2238	-
Cambridge Drummer Street bay 6	0738	0823	0853	23	53	1723	1753	1823	1850	1950	2050	2150	2250	-

SUNDAYS INCLUDING BANK HOLIDAYS

route number	13	13	13	13
Haverhill bus station Stop 1	0733	33	1933	2133
Duddery Hill Mill Hill	0738	38	1938	2138
Haverhill Sainsburys	0748	48	1948	2148
Horseheath Green	0754	54	1954	2154
Linton High Street	0801	01	2001	2201
Linton Police Houses	0805	05	2005	2205
Abington School	0810	10	2010	2210
+ Addenbrooke's bus station bay A	0823	23	2023	2223
Cambridge Drummer Street bay 6	0835	35	2035	2235

This timetable starts 19 January 2020



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Mondays to Fridays

Burrough Green, nr Church Lane	<i>dep</i>	08:50	11:20	13:20	15:50	
Burrough Green, o/s Pr mary Schoo		08:50	11:20	13:20	15:50	
Burrough End, nr Hartfe d Road		08:51	11:21	13:21	15:51	
Br nk ey, opp Weston Co v e Road		08:54	11:24	13:24	15:54	
Brinkley, opp Beechcroft		08:55	11:25	13:25	15:55	
Br nk ey, nr O d Schoo Lane		08:55	11:25	13:25	15:55	
W ngham Green, nr W ngham Green Road		08:56	11:26	13:26	15:56	
Weston Colville, opp Church End		09:00	11:30	13:30	16:00	
Weston Green, opp Chapel Road		09:02	11:32	13:32	16:02	
West Wickham, opp 29 Burton End		07:51	09:08	11:38	13:38	16:08
West W ckham, opp Home C ose		07:51	09:08	11:38	13:38	16:08
West Wickham, opp White Horse PH		07:52	09:09	11:39	13:39	16:09
West W ckham, opp Church		07:52	09:09	11:39	13:39	16:09
West Wratting, opp Spicer's Close		07:54	09:13	11:43	13:43	16:13
West Wratt ng, opp Bu Lane		07:55	09:14	11:44	13:44	16:14
Balsham, opp West Wratting Road		08:00	09:16	11:46	13:46	16:16
Ba sham, nr May's Avenue		08:00	09:16	11:46	13:46	16:16
Ba sham, opp Fox Road		08:01	09:17	11:47	13:47	16:17
Linton, opp Hillway	<i>arr</i>	08:08	09:23	11:53	13:53	16:23
Linton, opp Hillway	<i>dep</i>	09:23	11:53	13:53	16:23	17:28
Linton, opp The Crown PH		09:23	11:53	13:53	16:23	17:28
Bartlow, nr Little Barham Hall		09:28	11:58	13:58		17:33
Shudy Camps, opp Carter's Farm		09:31	12:01	14:01		17:36
Shudy Camps, o/s St Mary's Church		09:32	12:02	14:02		17:37
Cast e Camps, nr H gh Street		09:35	12:05	14:05		17:40
Castle Camps, opp The Manse		09:36	12:06	14:06		17:41
Nosterfield End, Haverhill Road (N-bound)		09:40	12:10	14:10		17:45
Haverh , Research Park (Oppos te)		09:42	12:12	14:12		17:47
Haverhill, Sainsburys (Opposite)		09:43	12:13	14:13		17:48
Haverh , opp Park Road		09:43	12:13	14:13		17:48
Haverh , adj The L nks		09:44	12:14	14:14		17:49
Haverh , opp A r Cadets		09:44	12:14	14:14		17:49
Haverh , opp Cemetery		09:45	12:15	14:15		17:50
Haverh , adj Broad Street		09:45	12:15	14:15		17:50
Haverhill, Bus Station (Stand 3)	<i>arr</i>	09:48	12:18	14:18		17:53

Mondays to Fridays

Haverhill, Bus Station (Stand 3)	dep	10:20	12:20	14:50	17:55
Haverh , opp Broad Street		10:22	12:22	14:52	17:57
Haverh , adj Cemetery		10:23	12:23	14:53	17:58
Haverh , adj A r Cadets		10:23	12:23	14:53	17:58
Haverh , opp Howe Road		10:24	12:24	14:54	17:59
Haverh , opp The L nks		10:24	12:24	14:54	17:59
Haverhill, Sainsburys (Adjacent)		10:25	12:25	14:55	18:00
Haverh , Research Park (Adjacent)		10:26	12:26	14:56	18:01
Nosterfield End, Haverhill Road (S-bound)		10:29	12:29	14:59	18:04
Cast e Camps, nr The Manse		10:32	12:32	15:02	18:07
Castle Camps, opp High Street		10:33	12:33	15:03	18:08
Shudy Camps, o/s Carter's Farm		10:38	12:38	15:08	18:13
Bartlow, opp Little Barham Hall		10:41	12:41	15:11	18:16
L nton, o/s The Crown PH		10:46	12:46	15:16	18:21
Linton, nr Hillway		10:47	12:47	15:17	16:23
Linton, opp The Crown PH					18:23
Bartlow, nr Little Barham Hall					18:27
Shudy Camps, opp Carter's Farm					18:30
Shudy Camps, o/s St Mary's Church					18:31
Castle Camps, nr High Street					18:35
Castle Camps, opp The Manse					18:36
Nosterfield End, Haverhill Road (N-bound)					18:40
Horseheath, nr West Wickham Road					18:44
Streetly End, opp West Wickham Rd					18:46
West Wickham, opp Church					18:48
Balsham, opp West Wratting Road					18:51
Ba sham, nr Fox Road		10:52	12:52	15:22	16:28
Ba sham, opp May's Avenue		10:52	12:52	15:22	16:28
Balsham, nr West Wratting Road		10:53	12:53	15:23	16:29
West Wratting, nr Bull Lane		10:55	12:55	15:25	16:31
West Wratting, nr Spicer's Close		10:56	12:56	15:26	16:32
West W ckham, nr Church		10:58	12:58	15:28	16:34
West Wickham, o/s White Horse PH		10:59	12:59	15:29	16:35
West W ckham, nr Home C ose		11:00	13:00	15:30	16:35
West W ckham, o/s 29 Burton End		11:01	13:01	15:31	16:36

Weston Green, nr Chapel Road	11:06	13:06	15:36	16:41	18:59
Weston Colville, nr Church End	11:08	13:08	15:38	16:43	19:01
Willingham Green, opp Willingham Green Road	11:11	13:11	15:41	16:46	19:03
Brinkley, opp Old School Lane	11:12	13:12	15:42	16:47	19:04
Brinkley, nr Beechcroft	11:13	13:13	15:43	16:48	19:05
Brinkley, nr Weston Colville Road	11:13	13:13	15:43	16:48	19:05
Burrough End, opp Hartfield Road	11:15	13:15	15:45	16:50	19:07
Burrough Green, opp Primary School	11:17	13:17	15:47	16:52	19:09
Burrough Green, opp Church Lane	<i>arr</i> 11:18	13:18	15:48	16:53	19:10

Compiled from data for the period Thu 13-Feb-2020 to Wed 19-Feb-2020. Times not in bold are estimated by using the distance between the stops.

Mondays to Fridays [1]

Linton, o/s The Crown PH	dep 09:21
Linton, nr Hillway	09:25
Ba sham, nr Fox Road	09:32
Ba sham, opp May's Avenue	09:33
Balsham, nr West Wrattng Road	09:34
West Wrattng, nr Bu Lane	09:38
West Wrattng, nr Spicer's Close	09:40
West Wickham, o/s White Horse PH	09:46
West Wickham, o/s 29 Burton End	09:48
Weston Green, Common Road (N-bound)	09:50
Weston Green, nr Chapel Road	09:52
Weston Colville, nr Church End	09:55
Willingham Green, opp Willingham Green Road	09:58
Brinkley, opp Old School Lane	10:00
Br nk ey, nr Beechcroft	10:01
Brinkley, nr Weston Colville Road	10:02
Burrough End, opp Hartfe d Road	10:03
Burrough Green, opp Primary School	10:04
Burrough Green, opp Church Lane	10:04
Burrough Green, o/s Pr mary Schoo	10:04
Du ngham, opp Church C ose	10:06
Dullingham, opp Recreation Ground	10:07
B1061 Adjacent Wyck Hall Stud, Newmarket	10:10
Newmarket, adj Wh te Lon	10:11
Newmarket, opp Horse Racing Museum	10:13
Newmarket, The Guineas Bus Station (Bay 1)	10:15
Newmarket, Tannersfe d Way (Adjacent)	10:16
Exning Road Adjacent Newmarket Academy, Newmarket	10:17
Exn ng Road Oppos te Depot Road, Newmarket	10:18
Exn ng Road Oppos te Laureate Schoo Road, Newmarket	10:19
Newmarket, adj V ctor a Way	10:20
Willie Snaith Road Adjacent Kings Court, Newmarket	10:22
Fordham Road Adjacent Tesco, Newmarket	10:22
Studlands Park Avenue Opposite Nimbus Way, Newmarket	arr 10:23

[1] Only runs on Tuesday (Tue 18-Feb-2020)

Compiled from data for the period Thu 13-Feb-2020 to Wed 19-Feb-2020. Times not in bold are estimated by using the distance between the stops.

Mondays to Fridays [1]

Studlands Park Avenue Adjacent Nimbus Way, Newmarket	dep 13:02
Fordham Road Opposite Tesco Car Park, Newmarket	13:02
Willie Snaith Road Opposite Kings Court, Newmarket	13:03
Studlands Park Avenue Opposite Victoria Way, Newmarket	13:03
Exning Road Outside Laureate School, Newmarket	13:04
Exning Road Adjacent Depot Road, Newmarket	13:06
Exning Road Opposite Newmarket Academy, Newmarket	13:08
Exning Road Adjacent Hospital, Newmarket	13:08
Newmarket, Tannersfield Way (Opposite)	13:09
Newmarket, The Guineas Bus Station (Bay 1)	13:10
Newmarket, adj Horse Racing Museum	13:12
High Street Opposite White Lion, Newmarket	13:13
B1061 Opposite Wyck Hall Stud, Newmarket	13:15
Stetchworth, nr Church Lane	13:17
Stetchworth, opp Jubilee Court	13:17
Dullingham, nr Recreation Ground	13:18
Dullingham, nr Church Close	13:18
Dullingham, opp Eagle Lane	13:18
Burrough End, opp Field Engineering	13:20
Burrough End, opp Hartfield Road	13:20
Burrough Green, opp Primary School	13:21
Burrough Green, opp Church Lane	13:21
Burrough Green, o/s Primary School	13:21
Burrough End, nr Hartfield Road	13:21
Brinkley, opp Weston Colville Road	13:23
Brinkley, opp Beechcroft	13:23
Brinkley, nr Old School Lane	13:25
Willingham Green, nr Willingham Green Road	13:27
Weston Colville, opp Church End	13:30
Weston Green, opp Chapel Road	13:33
Weston Green, Common Road (S-bound)	13:34
West Wickham, opp 29 Burton End	13:37
West Wickham, opp White Horse PH	13:41
West Wrattling, opp Spicer's Close	13:47
West Wrattling, opp Bull Lane	13:48
Balsham, opp West Wrattling Road	13:53

Ba sham, nr May's Avenue	13 : 53
Ba sham, opp Fox Road	13 : 54
Linton, nr Hillway	14 : 02
Linton, opp The Crown PH	arr 14 : 06

[1] Only runs on Tuesday (Tue 18-Feb-2020)

Compiled from data for the period Thu 13-Feb-2020 to Wed 19-Feb-2020. Times not in bold are estimated by using the distance between the stops.

Mondays to Fridays [1]

Saffron Walden, Common Hill (N-bound)	<i>dep</i>	08:40	
Saffron Walden, Goddard Way (SE-bound)		08:42	
Little Walden, adj West ey Lane		08:44	
Little Walden, o/s The Crown		08:46	
Little Walden, opp Mitchells Cottages		08:48	
Hadstock, o/s The L brary		08:55	
Hadstock, o/s The Kings Head		08:56	
Linton, opp The R dgeway		08:59	
Linton, opp Bakers Lane		08:59	
Linton, opp Parsonage Way		09:00	
Linton, opp Hillway		09:01	
Linton, opp The Crown PH		09:01	
Bartlow, nr Little Barham Ha		09:09	
Bartlow, Station Road (W-bound)		09:10	
Saffron Walden, Goddard Way (SE-bound)		09:28	
Saffron Walden, Common Hill (S-bound)		09:30	
Saffron Walden, East Street (E-bound)		09:30	
Saffron Walden, adj Hather ey Court		09:33	
Saffron Walden, o/s Hospital		09:36	
B1053 inside Tesco, Saffron Walden		09:38	
Saffron Walden, o/s Tesco Store		09:38	
Saffron Walden, opp The Sp ke		09:39	
Saffron Walden, opp Hather ey Court		09:40	
Saffron Walden, Thaxted Road (SE-bound)		09:40	
Saffron Walden, opp Peas ands Road		09:42	
Saffron Walden, adj T ptofts Ln		09:43	
Saffron Walden, Aldi Store (SE-bound)	<i>arr</i>	09:45	
Saffron Walden, Aldi Store (SE-bound)	<i>dep</i>	10:45	13:00
Saffron Walden, opp T ptofts Ln		10:46	13:01
Saffron Walden, adj Peas ands Road		10:47	13:02
Saffron Walden, Thaxted Road (NW-bound)		10:49	13:04
Saffron Walden, adj Hather ey Court		10:49	13:04
B1053 inside Tesco, Saffron Walden		10:52	13:07
Saffron Walden, o/s Tesco Store		10:55	13:10
Saffron Walden, o/s Hospital		10:58	13:13
Saffron Walden, opp The Sp ke		10:58	13:13

Saffron Walden, opp Hatherley Court	11:00	13:15
Saffron Walden, Common Hill (N-bound)	11:04	13:19
Saffron Walden, Goddard Way (SE-bound)	11:06	13:21
Little Walden, adj Westey Lane	11:07	13:22
Little Walden, o/s The Crown	11:09	13:24
Little Walden, opp Mitchells Cottages	11:11	13:26
Hadstock, o/s The Library	11:16	13:31
Hadstock, o/s The Kings Head	11:17	13:32
Linton, opp The Ridgeway	11:20	13:35
Linton, opp Bakers Lane	11:20	13:35
Linton, opp Parsonage Way	11:21	13:36
Linton, opp Hillway	11:23	13:38
Linton, opp The Crown PH	11:23	13:38
Bartlow, nr Little Barham Ha	11:30	13:45
Bartlow, Station Road (W-bound)	11:31	13:46
Saffron Walden, Goddard Way (SE-bound)	11:50	14:05
Saffron Walden, Common Hill (S-bound)	11:52	14:07
Saffron Walden, East Street (E-bound)	11:52	14:07
Saffron Walden, adj Hatherley Court	11:55	14:10
Saffron Walden, o/s Hospital	11:58	14:13
B1053 inside Tesco, Saffron Walden	12:00	14:15
Saffron Walden, o/s Tesco Store	12:00	
Saffron Walden, opp The Spoke	12:01	
Saffron Walden, opp Hatherley Court	12:02	
Saffron Walden, Thaxted Road (SE-bound)	12:02	
Saffron Walden, opp Peasands Road	12:04	
Saffron Walden, adj Tptofts Ln	12:05	
Saffron Walden, Aldi Store (SE-bound) arr	12:07	

Notes [DRTN][a] [DRTN][a] [DRTN][a]

[1] Only runs on Tuesday (Tue 18-Feb-2020)

[DRTN] Must pre-book a minimum of 2 hours before departure (01621 874411)

[a] Most times are approximate.

Compiled from data for the period Thu 13-Feb-2020 to Wed 19-Feb-2020. Times not in bold are estimated by using the distance between the stops.

Appendix D – TRICS Data

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
 Category : A - HOUSES PRIVATELY OWNED
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	HC HAMPSHIRE	2 days
	HF HERTFORDSHIRE	1 days
	KC KENT	2 days
	SC SURREY	1 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	SM SOMERSET	3 days
04	EAST ANGLIA	
	NF NORFOLK	4 days
	SF SUFFOLK	2 days
06	WEST MIDLANDS	
	ST STAFFORDSHIRE	1 days
	WM WEST MIDLANDS	1 days
08	NORTH WEST	
	CH CHESHIRE	1 days
09	NORTH	
	DH DURHAM	2 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Secondary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Number of dwellings
 Actual Range: 10 to 288 (units:)
 Range Selected by User: 10 to 288 (units:)

Parking Spaces Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/11 to 23/09/19

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	5 days
Tuesday	4 days
Wednesday	7 days
Thursday	2 days
Friday	3 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	21 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Edge of Town	16
Neighbourhood Centre (PPS6 Local Centre)	5

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Residential Zone	18
Village	3

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Secondary Filtering selection:

Use Class:

C3 21 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

1,000 or Less	1 days
1,001 to 5,000	4 days
5,001 to 10,000	6 days
10,001 to 15,000	4 days
15,001 to 20,000	4 days
20,001 to 25,000	1 days
25,001 to 50,000	1 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

5,001 to 25,000	3 days
25,001 to 50,000	3 days
50,001 to 75,000	4 days
75,001 to 100,000	5 days
125,001 to 250,000	5 days
250,001 to 500,000	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	6 days
1.1 to 1.5	13 days
1.6 to 2.0	2 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

Yes	9 days
No	12 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	21 days
-----------------	---------

This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	CH-03-A-10 MEADOW DRIVE NORTHWICH BARNTON Edge of Town Residential Zone Total Number of dwellings: 40 <i>Survey date: TUESDAY 04/06/19</i>	SEMI -DETACHED & TERRACED	CHESHIRE	<i>Survey Type: MANUAL</i>
2	DH-03-A-02 LEAZES LANE BISHOP AUCKLAND ST HELEN AUCKLAND Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Number of dwellings: 125 <i>Survey date: MONDAY 27/03/17</i>	MIXED HOUSES	DURHAM	<i>Survey Type: MANUAL</i>
3	DH-03-A-03 PILGRIMS WAY DURHAM Edge of Town Residential Zone Total Number of dwellings: 57 <i>Survey date: FRIDAY 19/10/18</i>	SEMI -DETACHED & TERRACED	DURHAM	<i>Survey Type: MANUAL</i>
4	HC-03-A-21 PRIESTLEY ROAD BASINGSTOKE HOUNDMILLS Edge of Town Residential Zone Total Number of dwellings: 39 <i>Survey date: TUESDAY 13/11/18</i>	TERRACED & SEMI -DETACHED	HAMPSHIRE	<i>Survey Type: MANUAL</i>
5	HC-03-A-22 BOW LAKE GARDENS NEAR EASTLEIGH BISHOPSTOKE Edge of Town Residential Zone Total Number of dwellings: 40 <i>Survey date: WEDNESDAY 31/10/18</i>	MIXED HOUSES	HAMPSHIRE	<i>Survey Type: MANUAL</i>
6	HF-03-A-03 HARE STREET ROAD BUNTINGFORD Edge of Town Residential Zone Total Number of dwellings: 160 <i>Survey date: MONDAY 08/07/19</i>	MIXED HOUSES	HERTFORDSHIRE	<i>Survey Type: MANUAL</i>
7	KC-03-A-04 KILN BARN ROAD AYLESFORD DITTON Edge of Town Residential Zone Total Number of dwellings: 110 <i>Survey date: FRIDAY 22/09/17</i>	SEMI -DETACHED & TERRACED	KENT	<i>Survey Type: MANUAL</i>
8	KC-03-A-07 RECVLVER ROAD HERNE BAY Edge of Town Residential Zone Total Number of dwellings: 288 <i>Survey date: WEDNESDAY 27/09/17</i>	MIXED HOUSES	KENT	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

9	NF-03-A-03 HALING WAY THETFORD	DETACHED HOUSES		NORFOLK
	Edge of Town Residential Zone Total Number of dwellings:		10	
	<i>Survey date: WEDNESDAY</i>		<i>16/09/15</i>	<i>Survey Type: MANUAL</i>
10	NF-03-A-04 NORTH WALSHAM ROAD NORTH WALSHAM	MIXED HOUSES		NORFOLK
	Edge of Town Residential Zone Total Number of dwellings:		70	
	<i>Survey date: WEDNESDAY</i>		<i>18/09/19</i>	<i>Survey Type: MANUAL</i>
11	NF-03-A-05 HEATH DRIVE HOLT	MIXED HOUSES		NORFOLK
	Edge of Town Residential Zone Total Number of dwellings:		40	
	<i>Survey date: THURSDAY</i>		<i>19/09/19</i>	<i>Survey Type: MANUAL</i>
12	NF-03-A-06 BEAUFORT WAY GREAT YARMOUTH BRADWELL	MIXED HOUSES		NORFOLK
	Edge of Town Residential Zone Total Number of dwellings:		275	
	<i>Survey date: MONDAY</i>		<i>23/09/19</i>	<i>Survey Type: MANUAL</i>
13	SC-03-A-05 REIGATE ROAD HORLEY	MIXED HOUSES		SURREY
	Edge of Town Residential Zone Total Number of dwellings:		207	
	<i>Survey date: MONDAY</i>		<i>01/04/19</i>	<i>Survey Type: MANUAL</i>
14	SF-03-A-05 VALE LANE BURY ST EDMUNDS	DETACHED HOUSES		SUFFOLK
	Edge of Town Residential Zone Total Number of dwellings:		18	
	<i>Survey date: WEDNESDAY</i>		<i>09/09/15</i>	<i>Survey Type: MANUAL</i>
15	SF-03-A-06 BURY ROAD KENTFORD	DETACHED & SEMI-DETACHED		SUFFOLK
	Neighbourhood Centre (PPS6 Local Centre) Village Total Number of dwellings:		38	
	<i>Survey date: FRIDAY</i>		<i>22/09/17</i>	<i>Survey Type: MANUAL</i>
16	SM-03-A-01 WEMBDON ROAD BRIDGWATER NORTHFIELD	DETACHED & SEMI		SOMERSET
	Edge of Town Residential Zone Total Number of dwellings:		33	
	<i>Survey date: THURSDAY</i>		<i>24/09/15</i>	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

17	SM-03-A-02	MIXED HOUSES	SOMERSET
	HYDE LANE NEAR TAUNTON CREECH SAINT MICHAEL Neighbourhood Centre (PPS6 Local Centre) Village Total Number of dwellings: 42 <i>Survey date: TUESDAY 25/09/18</i>		
	<i>Survey Type: MANUAL</i>		
18	SM-03-A-03	MIXED HOUSES	SOMERSET
	HYDE LANE NEAR TAUNTON CREECH ST MICHAEL Neighbourhood Centre (PPS6 Local Centre) Village Total Number of dwellings: 41 <i>Survey date: TUESDAY 25/09/18</i>		
	<i>Survey Type: MANUAL</i>		
19	ST-03-A-07	DETACHED & SEMI-DETACHED	STAFFORDSHIRE
	BEACONSIDE STAFFORD MARSTON GATE Edge of Town Residential Zone Total Number of dwellings: 248 <i>Survey date: WEDNESDAY 22/11/17</i>		
	<i>Survey Type: MANUAL</i>		
20	WM-03-A-04	TERRACED HOUSES	WEST MIDLANDS
	OSBORNE ROAD COVENTRY EARLSDON Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Number of dwellings: 39 <i>Survey date: MONDAY 21/11/16</i>		
	<i>Survey Type: MANUAL</i>		
21	WS-03-A-10	MIXED HOUSES	WEST SUSSEX
	TODDINGTON LANE LITTLEHAMPTON WICK Edge of Town Residential Zone Total Number of dwellings: 79 <i>Survey date: WEDNESDAY 07/11/18</i>		
	<i>Survey Type: MANUAL</i>		

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

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

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.094	21	95	0.308	21	95	0.402
08:00 - 09:00	21	95	0.146	21	95	0.364	21	95	0.510
09:00 - 10:00	21	95	0.137	21	95	0.181	21	95	0.318
10:00 - 11:00	21	95	0.120	21	95	0.143	21	95	0.263
11:00 - 12:00	21	95	0.116	21	95	0.149	21	95	0.265
12:00 - 13:00	21	95	0.144	21	95	0.142	21	95	0.286
13:00 - 14:00	21	95	0.150	21	95	0.139	21	95	0.289
14:00 - 15:00	21	95	0.172	21	95	0.177	21	95	0.349
15:00 - 16:00	21	95	0.279	21	95	0.173	21	95	0.452
16:00 - 17:00	21	95	0.273	21	95	0.160	21	95	0.433
17:00 - 18:00	21	95	0.335	21	95	0.139	21	95	0.474
18:00 - 19:00	21	95	0.283	21	95	0.155	21	95	0.438
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.249			2.230			4.479

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

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Parameter summary

Trip rate parameter range selected: 10 - 288 (units:)
 Survey date range: 01/01/11 - 23/09/19
 Number of weekdays (Monday-Friday): 21
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys automatically removed from selection: 0
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

TAXI S

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.004	21	95	0.003	21	95	0.007
08:00 - 09:00	21	95	0.004	21	95	0.004	21	95	0.008
09:00 - 10:00	21	95	0.003	21	95	0.003	21	95	0.006
10:00 - 11:00	21	95	0.002	21	95	0.003	21	95	0.005
11:00 - 12:00	21	95	0.000	21	95	0.001	21	95	0.001
12:00 - 13:00	21	95	0.002	21	95	0.002	21	95	0.004
13:00 - 14:00	21	95	0.002	21	95	0.002	21	95	0.004
14:00 - 15:00	21	95	0.002	21	95	0.002	21	95	0.004
15:00 - 16:00	21	95	0.003	21	95	0.004	21	95	0.007
16:00 - 17:00	21	95	0.003	21	95	0.003	21	95	0.006
17:00 - 18:00	21	95	0.004	21	95	0.003	21	95	0.007
18:00 - 19:00	21	95	0.002	21	95	0.003	21	95	0.005
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.031			0.033			0.064

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

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

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.003	21	95	0.002	21	95	0.005
08:00 - 09:00	21	95	0.003	21	95	0.003	21	95	0.006
09:00 - 10:00	21	95	0.006	21	95	0.005	21	95	0.011
10:00 - 11:00	21	95	0.003	21	95	0.002	21	95	0.005
11:00 - 12:00	21	95	0.002	21	95	0.004	21	95	0.006
12:00 - 13:00	21	95	0.003	21	95	0.004	21	95	0.007
13:00 - 14:00	21	95	0.003	21	95	0.002	21	95	0.005
14:00 - 15:00	21	95	0.002	21	95	0.003	21	95	0.005
15:00 - 16:00	21	95	0.003	21	95	0.003	21	95	0.006
16:00 - 17:00	21	95	0.003	21	95	0.003	21	95	0.006
17:00 - 18:00	21	95	0.004	21	95	0.002	21	95	0.006
18:00 - 19:00	21	95	0.002	21	95	0.002	21	95	0.004
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.037			0.035			0.072

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

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

PSVS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.003	21	95	0.003	21	95	0.006
08:00 - 09:00	21	95	0.001	21	95	0.001	21	95	0.002
09:00 - 10:00	21	95	0.002	21	95	0.002	21	95	0.004
10:00 - 11:00	21	95	0.002	21	95	0.002	21	95	0.004
11:00 - 12:00	21	95	0.001	21	95	0.001	21	95	0.002
12:00 - 13:00	21	95	0.001	21	95	0.001	21	95	0.002
13:00 - 14:00	21	95	0.002	21	95	0.002	21	95	0.004
14:00 - 15:00	21	95	0.001	21	95	0.001	21	95	0.002
15:00 - 16:00	21	95	0.002	21	95	0.002	21	95	0.004
16:00 - 17:00	21	95	0.001	21	95	0.001	21	95	0.002
17:00 - 18:00	21	95	0.002	21	95	0.002	21	95	0.004
18:00 - 19:00	21	95	0.001	21	95	0.001	21	95	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.019			0.019			0.038

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

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

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.007	21	95	0.006	21	95	0.013
08:00 - 09:00	21	95	0.011	21	95	0.021	21	95	0.032
09:00 - 10:00	21	95	0.001	21	95	0.006	21	95	0.007
10:00 - 11:00	21	95	0.003	21	95	0.004	21	95	0.007
11:00 - 12:00	21	95	0.003	21	95	0.007	21	95	0.010
12:00 - 13:00	21	95	0.007	21	95	0.005	21	95	0.012
13:00 - 14:00	21	95	0.002	21	95	0.002	21	95	0.004
14:00 - 15:00	21	95	0.006	21	95	0.003	21	95	0.009
15:00 - 16:00	21	95	0.006	21	95	0.008	21	95	0.014
16:00 - 17:00	21	95	0.017	21	95	0.009	21	95	0.026
17:00 - 18:00	21	95	0.013	21	95	0.011	21	95	0.024
18:00 - 19:00	21	95	0.007	21	95	0.004	21	95	0.011
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.083			0.086			0.169

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

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

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.068	21	95	0.274	21	95	0.342
08:00 - 09:00	21	95	0.121	21	95	0.330	21	95	0.451
09:00 - 10:00	21	95	0.104	21	95	0.145	21	95	0.249
10:00 - 11:00	21	95	0.094	21	95	0.117	21	95	0.211
11:00 - 12:00	21	95	0.096	21	95	0.119	21	95	0.215
12:00 - 13:00	21	95	0.121	21	95	0.121	21	95	0.242
13:00 - 14:00	21	95	0.119	21	95	0.115	21	95	0.234
14:00 - 15:00	21	95	0.142	21	95	0.150	21	95	0.292
15:00 - 16:00	21	95	0.252	21	95	0.143	21	95	0.395
16:00 - 17:00	21	95	0.242	21	95	0.134	21	95	0.376
17:00 - 18:00	21	95	0.294	21	95	0.120	21	95	0.414
18:00 - 19:00	21	95	0.269	21	95	0.140	21	95	0.409
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.922			1.908			3.830

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

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

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.018	21	95	0.027	21	95	0.045
08:00 - 09:00	21	95	0.018	21	95	0.025	21	95	0.043
09:00 - 10:00	21	95	0.023	21	95	0.027	21	95	0.050
10:00 - 11:00	21	95	0.020	21	95	0.020	21	95	0.040
11:00 - 12:00	21	95	0.017	21	95	0.024	21	95	0.041
12:00 - 13:00	21	95	0.016	21	95	0.015	21	95	0.031
13:00 - 14:00	21	95	0.026	21	95	0.020	21	95	0.046
14:00 - 15:00	21	95	0.022	21	95	0.020	21	95	0.042
15:00 - 16:00	21	95	0.018	21	95	0.022	21	95	0.040
16:00 - 17:00	21	95	0.020	21	95	0.019	21	95	0.039
17:00 - 18:00	21	95	0.032	21	95	0.013	21	95	0.045
18:00 - 19:00	21	95	0.012	21	95	0.009	21	95	0.021
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.242			0.241			0.483

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

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

Calculation factor: 1 DWELLS

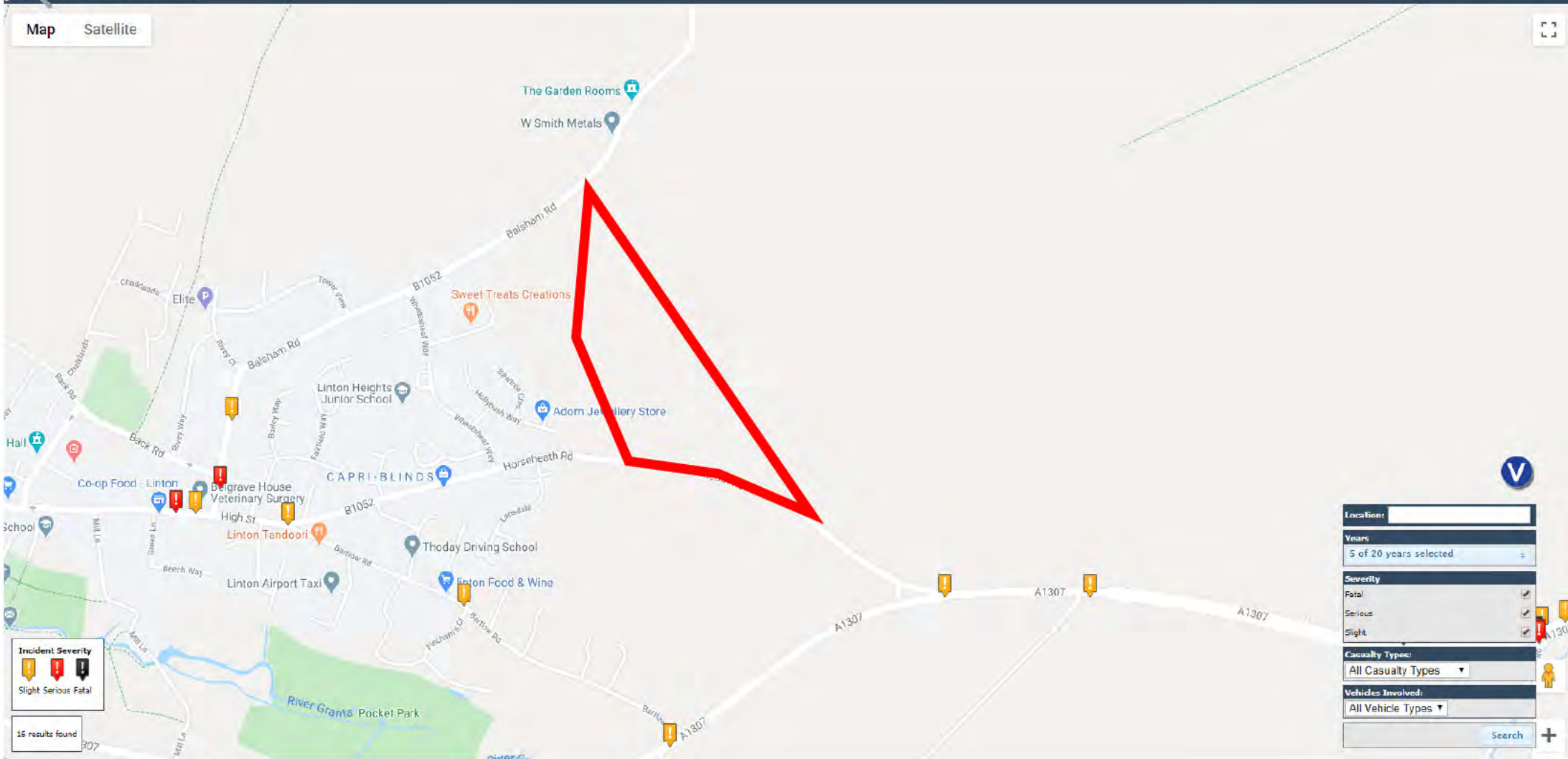
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.001	21	95	0.002	21	95	0.003
08:00 - 09:00	21	95	0.001	21	95	0.003	21	95	0.004
09:00 - 10:00	21	95	0.001	21	95	0.001	21	95	0.002
10:00 - 11:00	21	95	0.001	21	95	0.000	21	95	0.001
11:00 - 12:00	21	95	0.001	21	95	0.001	21	95	0.002
12:00 - 13:00	21	95	0.001	21	95	0.001	21	95	0.002
13:00 - 14:00	21	95	0.000	21	95	0.001	21	95	0.001
14:00 - 15:00	21	95	0.002	21	95	0.002	21	95	0.004
15:00 - 16:00	21	95	0.001	21	95	0.001	21	95	0.002
16:00 - 17:00	21	95	0.004	21	95	0.003	21	95	0.007
17:00 - 18:00	21	95	0.002	21	95	0.001	21	95	0.003
18:00 - 19:00	21	95	0.001	21	95	0.001	21	95	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.016			0.017			0.033

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

Appendix E – CrashMap Plan



(Data from Crashmap)

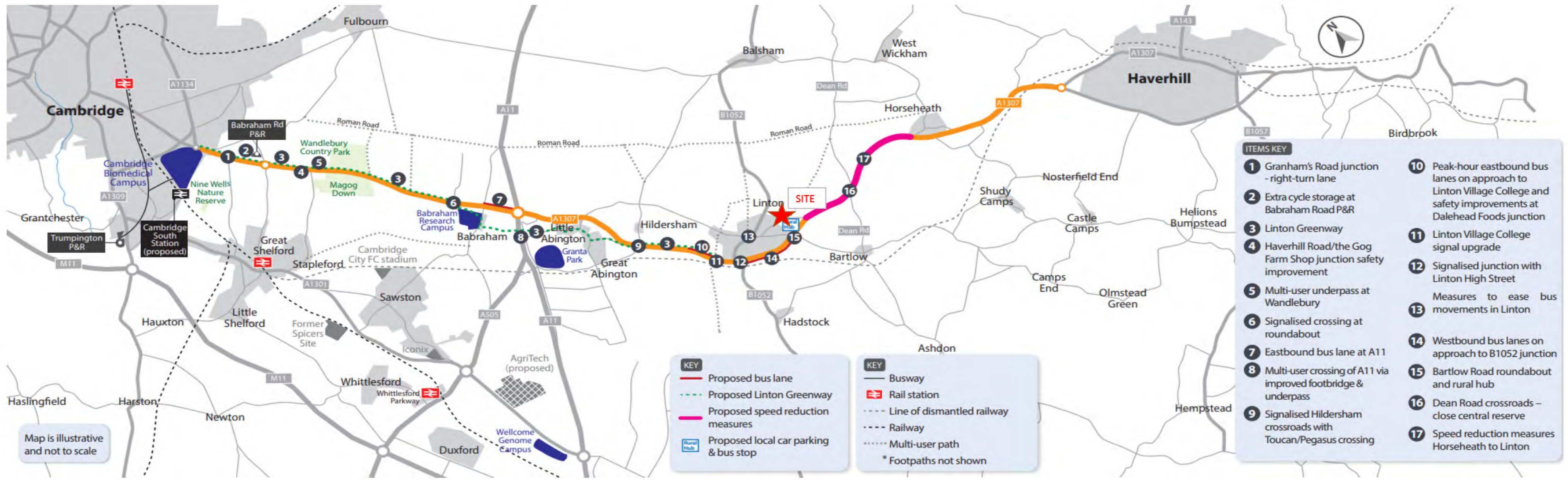
Local Accidents (2014-2018)

 Site Location





Appendix F – A1307 Sustainable Travel Improvements



Map is illustrative and not to scale

KEY

- Proposed bus lane
- - - Proposed Linton Greenway
- Proposed speed reduction measures
- P Proposed local car parking & bus stop

KEY

- Busway
- Rail station
- Line of dismantled railway
- Railway
- Multi-user path
- * Footpaths not shown

ITEMS KEY

<ul style="list-style-type: none"> 1 Granham's Road junction - right-turn lane 2 Extra cycle storage at Babraham Road P&R 3 Linton Greenway 4 Haverhill Road/the Gog Farm Shop junction safety improvement 5 Multi-user underpass at Wandlebury 6 Signalised crossing at roundabout 7 Eastbound bus lane at A11 8 Multi-user crossing of A11 via improved footbridge & underpass 9 Signalised Hildersham crossroads with Toucan/Pegasus crossing 	<ul style="list-style-type: none"> 10 Peak-hour eastbound bus lanes on approach to Linton Village College and safety improvements at Dalehead Foods junction 11 Linton Village College signal upgrade 12 Signalised junction with Linton High Street 13 Measures to ease bus movements in Linton 14 Westbound bus lanes on approach to B1052 junction 15 Bartlow Road roundabout and rural hub 16 Dean Road crossroads - close central reserve 17 Speed reduction measures Horseheath to Linton
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