



PROPOSED RESIDENTIAL DEVELOPMENT

**TORGATE LANE PHASE 2, BASSINGHAM,
LINCOLNSHIRE**

TRANSPORT STATEMENT

**December 2021
jgv/21024/TS/v1**

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TORGATE LANE PHASE 2, BASSINGHAM, LINCOLNSHIRE

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1 TRANSPORT STATEMENT

1.1 Introduction

1.1.1 Northern Transport Planning has been appointed to provide advice on the transport implications of proposed Phase 2 residential development on land south of Torgate Lane in Bassingham, Lincolnshire. This report provides a Transport Statement to support a planning application for the proposed development.

1.2 Development Site and Location

1.2.1 The proposed development site is located south of Torgate Lane on the southeastern edge of Bassingham, approximately 13.0km southwest of the centre of Lincoln and approximately 13.0km northeast of the centre of Newark-on-Trent. The geographical location of the site is identified on **Plan 01**, **Plan 02** and **Plan 03**. The site is roughly rectangular and is bounded to the north by existing dwellings off Vasey Close and to the east, south and west by agricultural land.

1.2.2 Access to the site is available from Torgate Lane via Vasey Close.

1.3 Background

1.3.1 The residential development to the north of the proposed development site (Torgate Lane Phase 1) received planning permission (Application Number: 13/0647/FUL) in September 2013 for:

“Construction of 23 affordable dwellings and associated access, landscaping, sheds, attenuation pond, pumping station compound and substation.”

1.3.2 The Phase 1 development has since been completed and all dwellings are occupied.

1.4 Development Proposals

1.4.1 The proposals for development of Torgate Lane Phase 2 are shown on the site layout plan provided as **Appendix A** and comprise the construction of 23 new affordable dwellings being a mix of 1, 2 and 3 bed houses and bungalows.

1.4.2 Access to the site will be available via an extension of Vasey Close.

1.5 Scope of the Report

1.5.1 This report considers the transport planning and traffic related issues relevant to the proposals for development on the Torgate Lane site. Subsequent sections of the report deal with the following matters:

- **Section Two** considers the site's accessibility by sustainable modes of transport.
- **Section Three** deals with traffic issues.
- **Section Four** provides a summary and conclusion to the report.

2 ACCESS BY SUSTAINABLE MODES OF TRANSPORT

2.1 Introduction

2.1.1 This section of the report considers the site’s accessibility by sustainable modes of transport. First, an assessment of the person trip generating potential of the proposed development site is made.

2.2 Person Trips Associated with the Proposed Development

2.2.1 The proposed development comprises 23 dwellings. The number of weekday person trips associated with this level of development has been estimated using average trip rates taken from the TRICS trip rate database (version 7.8.3). The TRICS ‘Houses Privately Owned’ category has been used.

2.2.2 All TRICS data is provided within **Appendix B** and the calculations are summarised in the table below:

Land Use	Daily	
	Two-Way Trip Rate	Two-Way No. Trips
23 Dwellings	8.195	188

Table 2.01: Weekday Person Trips Generated by 23 Dwellings

2.2.3 The proposed development would generate around 188 two-way person trips (i.e. arrivals plus departures) per day (by all modes of transport).

2.2.4 By using modal split data from the 2011 census (provided as **Appendix C**) for the journey to work from the Bassingham Built Up Area (removing the categories ‘works mainly from or at home’, ‘underground and metro, etc.’, ‘not in employment’ and ‘other’) the following weekday trips by mode type for the proposed development are calculated:

Mode Type	Modal Split	No. Two-way Trips
Train, metro, etc.	2.0%	4
Bus, minibus, taxi, etc.	0.7%	1
PTW	1.2%	2
Driving a car or van	83.0%	156
Passenger in a car or van	4.2%	8
Bicycle	1.5%	3
On foot	7.4%	14
Total	100.0%	188

Table 2.02: Weekday Modal Split

2.3 Accessibility on Foot

2.3.1 It is generally accepted that walking is the most important mode of travel at the local level and offers the greatest potential to replace short car trips, particularly under 2.0km.

2.3.2 Within the site areas of shared surface would provide links on foot, connecting to Torgate Lane via Vasey Close as shown on the site layout plan.

2.3.3 Torgate Lane benefits from street lighting. A continuous footway of approximately 1.5m width is available on the north side of the road. On the south side of the road is a verge of varying width. The footway provides a link on foot to Lincoln Road and onwards to the centre of Bassingham, which is less than a 1km walk to the northwest of the site.

2.3.4 A pedestrian access to the playing fields on the north side of Torgate Lane is available immediately to the east of the junction with Vasey Close.

- 2.3.5 A range of leisure walking routes are available close to the site as shown on the extract from the Lincolnshire's Public Right Of Way (PROW) map provided as **Appendix D**.
- 2.3.6 No pedestrian crossing facilities are apparent in the vicinity of the site, however the surrounding roads are lightly trafficked and crossing these on foot is not particularly unsafe.
- 2.3.7 800m and 2.0km walking radii, representing approximately a 10 minute and 25 minute walking distance respectively (walking at 5kph/3mph), are identified on **Plan 04**. Having regard to the availability of pedestrian infrastructure, the alignment of links for walking and barriers to movement, a significant built-up area comprising the whole of Bassingham lies within an 800m walk from the site. A modest additional built-up area, including part of Carlton-le-Moorland, lies within a 2.0km walk from the site.
- 2.3.8 The distances generally considered acceptable for utility walking vary greatly according to the individual and circumstances. The Institute of Highways and Transportation (IHT) 'Guidelines for Providing for Journeys on Foot' suggest the following walking distances:

	Town Centres	Commuting / school	Elsewhere
Desirable	200m	500m	400m
Acceptable	400m	1.0km	800m
Preferred maximum	800m	2.0km	1.2km

Table 2.03: IHT Guideline Walking Distances

2.3.9 A range of facilities and shops, and their approximate walking distance from the site access on Torgate Lane, are identified below:

Facilities	Walking Distance
<u>Education Facilities</u>	
Bassingham Primary School	400m
<u>Health Facilities</u>	
The Bassingham Surgery	50m
<u>Shops</u>	
Convenience Store with Post Office	800m
Make-up and Beauty	800m
Convenience Store	850m
Hair Dressers	900m
<u>Food and Drink</u>	
Pub/Restaurant	500m
Pub/Restaurant	850m
<u>Leisure</u>	
Community Hall	200m
Bowling, Tennis, Playing fields, Playground, etc.	200m

Table 2.04: Walking Distance to Shops and Facilities

2.3.10 A modest range of employment opportunities are available within walking distance of the site.

2.3.11 It is concluded that the site is accessible on foot.

2.4 Accessibility by Cycle

2.4.1 It is generally accepted that cycling has the potential to substitute for short car trips, particularly those under 5km, and to form part of a longer journey by public transport.

2.4.2 Suitable facilities for the storage of cycles would be provided for each dwelling in accordance with local standards.

2.4.3 A signed footway/cycleway is available on the east side of Carlton Road/Lincoln Road, approximately 300m west of the site. The roads surrounding the site are relatively lightly trafficked and suitable for use by the majority of cyclists. Furthermore, the topography of the roads in the vicinity of the site is conducive to cycling.

2.4.4 A 5.0km cycling radius, representing approximately a 15 minute cycling distance (cycling at 20kph/12mph), is identified on **Plan 05**. Having regard to the alignment of the links for cyclists and barriers to movement and the rural nature of the site, a good built-up area lies within a 5.0km cycle from the proposed development site, including the whole of Bassingham and neighbouring villages such as Carlton-le-Moorland, Witham St Hughes and Norton Disney. Within this area is a good range of shops, facilities and opportunities for employment.

2.4.5 It is concluded that the site is accessible by cycle.

2.5 Accessibility by Public Transport

2.5.1 It is recognised that for public transport to be an attractive alternative mode of transport to the private car it needs to be easily accessible on foot. Ideally, bus users should not have to walk more than 400m to their nearest bus stop and train users should not have to walk more than 800m to their nearest train station.

2.5.2 Bus stops are available on Lincoln Road within a 400m walk from the site access on Torgate Lane. The bus stops comprise simple poles with bus service information. From here, the bus services No.47 and No.49 provide a public transport link to Lincoln and Newark on Trent. The CallConnect on-demand bus service is available within Bassingham. School bus services are also available within Bassingham.

2.5.3 It is concluded that the site is accessible by public transport.

2.6 Conclusion

2.6.1 It is concluded that the proposed development site is accessible by sustainable modes of transport.

3 TRAFFIC ISSUES

3.1 Introduction

3.1.1 This section of the report considers traffic issues.

3.2 Proposed Access Arrangements

3.2.1 Vehicular access to the site would be via an extension of Vasey Close. The internal highway network would be designed and constructed in accordance with the relevant national and local standards and guidance and will be adopted by the Local Highway Authority. The access road will have a 5.5m carriageway width. The junction of Vasey Close/Torgate Lane was provided as part of the Phase 1 development with suitable dimensions which included the widening of Torgate Lane and with 2.4m x 90m visibility splays.

3.3 Car Parking Provision

3.3.1 Car parking for residents and visitors would be provided in accordance with local standards.

3.4 Access by Commercial Vehicles

3.4.1 Suitable arrangements would be provided to enable Heavy Goods Vehicles (HGVs) to enter the site, manoeuvre within it, and exit safely and satisfactorily, as shown on the site layout plan provided as **Appendix A**.

3.5 The Local Highway Network

3.5.1 The local highway network considered by this Transport Statement consists of Vasey Close, Torgate Lane and Middlegate. The local highway network can be seen on **Plan 03**.

- 3.5.2 Vasey Close is an adopted unclassified residential access road having a width of 5.5m. The road currently provides access to 23 affordable dwellings. The road is very lightly trafficked and is subject to a 30mph speed limit, with observed traffic speeds being lower than this limit.
- 3.5.3 The section of Torgate Lane between Lincoln Road and Middlegate is an adopted unclassified residential access road having a width of approximately 4.5m. The road is roughly aligned east-west and provides access to residential properties, the Bassingham Surgery, and also provides a link to Middlegate and to the section of Torgate Lane east of Middlegate. The road is lightly trafficked and is subject to a 30mph speed limit, with observed traffic speeds being around this limit.
- 3.5.4 The section of Torgate Lane east of Middlegate is an adopted unclassified rural access road having a width of approximately 2.5m with informal passing places. The road is roughly aligned east-west and provides access to the various farms and fields which lie east of Bassingham. The road is very lightly trafficked and is subject to the national speed limit (60mph), with observed traffic speeds being lower than this limit.
- 3.5.5 Middlegate is an adopted unclassified residential access road having a width of approximately 3.0m with defined passing places. The road is roughly aligned north-south and provides access to residential properties. The road is lightly trafficked and is subject to a 30mph speed limit, with observed traffic speeds being around this limit.
- 3.5.6 On-site observations of the operation of the local highway network have revealed no existing issues relating to highway capacity or safety – the local highway network operates satisfactorily.

3.6 Carriageway Widths

- 3.6.1 Manual for Streets 1 (MfS1) provides guidance on different carriageway widths and what each can readily accommodate as follows:
- 2.75m – suitable for single lane working only (passing places required).
 - 4.1m – two cars can pass each other.
 - 4.8m – a car can pass an HGV.
 - 5.5m – two HGVs can pass each other.

3.6.2 It can be seen therefore that:

- Vasey Close – is suitable for the two-way traffic of all vehicles.
- Torgate Lane (west) – two cars can pass each other, a car can pass an HGV at informal passing places such as accesses and junctions.
- Torgate Lane (east) – suitable for single lane working only, with use of informal passing places for two-way traffic movement.
- Middlegate – suitable for single lane working only, with use of defined passing places for two-way traffic movement.

3.7 Existing Traffic Flows

3.7.1 The level of existing weekday peak period traffic using the local highway network has been determined from a manual classified traffic survey undertaken at the junction of Torgate Lane/Vasey Close between 15:00 and 17:00 hours on Thursday 4th November 2021. The traffic survey data is provided as **Appendix E**.

3.7.2 From the traffic survey data it can be seen that no HGVs, buses/coaches or motorbikes were observed during the two hour survey period. In addition to cars/LGVs, 4 cyclists were observed.

3.7.3 Between 15:00 and 16:00 hours, which includes the time when parents collect their children at the end of the school day, the following two-way traffic flows were observed:

- Torgate Lane west of Vasey Close – 24 cars/LGVs per hour.
- Torgate Lane east of Vasey Close – 18 cars/LGVs per hour.
- Vasey Close – 8 cars/LGVs per hour.

3.7.4 Between 16:00 and 17:00 hours, which is roughly the network peak hour, the following two-way traffic flows were observed:

- Torgate Lane west of Vasey Close – 35 cars/LGVs per hour.
- Torgate Lane east of Vasey Close – 25 cars/LGVs per hour.
- Vasey Close – 14 cars/LGVs per hour.

- 3.7.5 Using the above data and from other on-site observations the following peak hour two-way traffic flows are estimated:
- Torgate Lane east of Middlegate – 5 cars/LGVs per hour.
 - Middlegate – 25 cars/LGVs per hour.

3.8 Highway Capacity

Torgate Lane west of Middlegate

- 3.8.1 By reference to Table 2 of TA 79/99, for the lowest standard of highway the two-way capacity is 1,250 vehicles per hour (vph), i.e. 750vph = 60%, 500vph = 40%. This capacity has an assumption of an HGV percentage of up to 15%, whereas the observed HGV percentage on Torgate Lane is 0%. On the other hand, it assumes a carriageway width of 6.1m whereas Torgate Lane (west) is around 4.5m in width. Having regard to this, an estimate is that the capacity of this section of Torgate Lane is at least 600vph, i.e. 10 vehicles per minute. This can be compared with the existing observed PM peak flow of 35vph, i.e. the highway link is currently operating well within capacity.

Torgate Lane east of Middlegate

- 3.8.2 To the east of Middlegate, Torgate Lane is suitable for single lane working only, with use of informal passing places for two-way traffic movement. The existing capacity of this section of Torgate Lane has been assessed using 'Figure 7/9/6: Single Track Roads Speed/Flow Relationships' of the 'NESA Manual'. The diagram suggests a road with single lane working (and passing places) can accommodate a two-way traffic flow of up to 280vph.
- 3.8.3 The NESA diagram is based on a 1964 study of 'Single Track Roads in the Scottish Highlands' (TRL LR71) where relationships between traffic flow and journey speed were obtained on four lengths of single track road. These roads had varying alignments and topographical conditions. For an acceptable journey speed of 20mph the capacity varied from 100vph for a length having poor alignment and sight distance to 220vph for a well aligned road.

- 3.8.4 The horizontal alignment of this section of Torgate Lane is relatively bendy, the vertical alignment is relatively flat, the provision of passing places is poor. Having regard to this, a conservative estimate is that the road has a capacity of 60vph, i.e. one vehicle per minute. This can be compared with the estimated peak traffic flow on the road of 5vph – it is concluded that this section of Torgate Lane is operating well within capacity.

Middlegate

- 3.8.5 Middlegate is suitable for single lane working only, with use of defined passing places for two-way traffic movement. The existing capacity of Middlegate has also been assessed using 'Figure 7/9/6: Single Track Roads Speed/Flow Relationships' of the 'NESA Manual'.
- 3.8.6 The horizontal alignment of Middlegate is straight, the vertical alignment is flat, the visibility between passing places is good. Having regard to this, a conservative estimate is that the road has a capacity of 240vph, i.e. 4 vehicles per minute. This can be compared with the estimated peak traffic flow on the road of 25vph – it is concluded that Middlegate is operating well within capacity.

3.9 Traffic Associated with Existing Development

- 3.9.1 The development site is currently used for agriculture and generates an insignificant level of traffic.

3.10 Committed Highways Schemes and Traffic Management Schemes

- 3.10.1 We are not aware of any committed highways schemes or traffic management schemes which will significantly affect traffic conditions or alter traffic flows in the vicinity of the site and need to be considered as part of this Transport Statement.

3.11 Committed Development

3.11.1 We are not aware of any committed development which will significantly affect traffic conditions or alter traffic flows in the vicinity of the site and needs to be considered as part of this Transport Statement.

3.12 Highway Safety

3.12.1 Personal Injury Accident (PIA) data provided on the 'Crashmap' website for the five year period 01/01/16 to 31/12/20 in the vicinity of the proposed development site (see **Appendix F**) reveals:

- No PIAs recorded on Torgate Lane between Lincoln Road and Middlegate.
- No PIAs recorded on Middlegate.
- A single PIA, recorded as 'slight', occurred on Torgate Lane (east) at the bend approximately 50m south of Middlegate in October 2017. The PIA involved a single vehicle and resulted in a single casualty.

3.12.2 There is nothing revealed by the data to suggest that the local highway network has any particular safety issues relating to highway design, junction design or traffic volumes that would justify restricting the grant of planning permission for the proposed development.

3.13 Traffic Generation

3.13.1 The proposed development comprises 23 dwellings. The number of weekday vehicle trips associated with this level of development has been estimated using average trip rates taken from the TRICS trip rate database (version 7.8.3). The TRICS 'Houses Privately Owned' category has been used.

3.13.2 The TRICS data is provided within **Appendix B** and the calculations are summarised in the table below:

Land Use	AM Peak		PM Peak		Daily
	Arrive	Depart	Arrive	Depart	Two-Way
Residential – Trip Rate per Dwelling	0.144	0.392	0.335	0.157	4.766
Trips associated with 23 Dwellings	3	9	8	4	110

Table 3.01: Weekday Vehicle Trips Generated by 23 Dwellings

3.13.3 The proposed development would generate up to 12 two-way vehicle movements per hour during the peak periods, representing one vehicle movement every 5 minutes, and 110 two-way vehicle movements per day.

3.13.4 It is not anticipated that the proposed development would generate any additional HGV movements – there will be a requirement for refuse collections but the vehicle will already be visiting Vasey Close to collect refuse from the existing dwellings.

3.14 Traffic Distribution and Assignment

3.14.1 Having regard to the traffic movements recorded by the manual classified traffic survey and other on-site observations, it is anticipated that the vast majority of traffic generated by the proposed development would travel via Torgate Lane to/from the west, with occasional trips being made via Middlegate and very few trips made via Torgate Lane (east).

3.15 Traffic Impact

3.15.1 It is generally accepted that an increase of over 30 vehicles per hour, or one vehicle every two minutes, is a useful ‘rule of thumb’ for considering materiality and triggering a requirement for a formal assessment.

3.15.2 The proposed development would generate an additional peak two-way traffic flow of up to 12vph at the Vasey Close junction with Torgate Lane. It has been demonstrated that the proposed site access arrangements are of a suitable standard and that the junction is currently lightly trafficked. There is no reason to consider that the site access arrangements will not operate safely and within capacity after opening of the proposed development.

3.15.3 Up to 12vph generated by the proposed development would travel via Torgate Lane (west), with occasional trips being made via Middlegate and very few trips made via Torgate Lane (east). It has been demonstrated that these three roads currently operate safely and within capacity. These are not material increases in traffic which justify further analysis – the impact on the local highway network as a result of the increase in traffic would be small, not severe.

3.16 Conclusion

3.16.1 It is concluded that the proposed development site is accessible by motor vehicles.

4 SUMMARY AND CONCLUSIONS

4.1 Introduction

4.1.1 Northern Transport Planning has been appointed to provide advice on the transport implications of proposed Phase 2 residential development on land south of Torgate Lane in Bassingham, Lincolnshire.

4.1.2 The proposals for development of Torgate Lane Phase 2 comprise the construction of 23 new affordable dwellings being a mix of 1, 2 and 3 bed houses and bungalows.

4.2 Accessibility

4.2.1 It has been demonstrated that the proposed development site is accessible on foot, by cycle and by using public transport.

4.3 Traffic Issues

4.3.1 Vehicular access to the site would be via an extension of Vasey Close. The internal highway network would be designed and constructed in accordance with the relevant national and local standards and guidance and will be adopted by the Local Highway Authority. The access road will have a 5.5m carriageway width. The junction of Vasey Close/Torgate Lane was provided as part of the Phase 1 development with suitable dimensions which included the widening of Torgate Lane and with 2.4m x 90m visibility splays.

4.3.2 Car parking for residents and visitors would be provided in accordance with local standards.

4.3.3 On-site observations and assessment of the operation of the local highway network has revealed no existing issues relating to highway capacity or safety – the local highway network operates satisfactorily.

4.3.4 The proposed development would generate an additional peak two-way traffic flow of up to 12vph at the Vasey Close junction with Torgate Lane. It has been demonstrated that the proposed site access arrangements are of a suitable standard and that the junction is currently lightly trafficked. There is no reason to consider that the site access arrangements will not operate safely and within capacity after opening of the proposed development.

4.3.5 Up to 12vph generated by the proposed development would travel via Torgate Lane (west), with occasional trips being made via Middlegate and very few trips made via Torgate Lane (east). It has been demonstrated that these three roads currently operate safely and within capacity. These are not material increases in traffic which justify further analysis – the impact on the local highway network as a result of the increase in traffic would be small, not severe.

4.4 National Planning Policy Framework

4.4.1 Paragraph 105 of the NPPF states:

“The planning system should actively manage patterns of growth in support of these objectives. Significant development should be focused on locations which are or can be made sustainable, through limiting the need to travel and offering a genuine choice of transport modes. This can help to reduce congestion and emissions, and improve air quality and public health. However, opportunities to maximise sustainable transport solutions will vary between urban and rural areas, and this should be taken into account in both plan-making and decision-making.”

4.4.2 Paragraph 110 of the NPPF states:

“In assessing sites that may be allocated for development in plans, or specific applications for development, it should be ensured that:

- a) appropriate opportunities to promote sustainable transport modes can be – or have been – taken up, given the type of development and its location;*
- b) safe and suitable access to the site can be achieved for all users;*
- c) the design of streets, parking areas, other transport elements and the content of associated standards reflects current national guidance, including the National Design Guide and the National Model Design Code 46; and*
- d) any significant impacts from the development on the transport network (in terms of capacity and congestion), or on highway safety, can be cost effectively mitigated to an acceptable degree.”*

4.4.3 Paragraph 111 of the NPPF states:

“Development should only be prevented or refused on highways grounds if there would be an unacceptable impact on highway safety, or the residual cumulative impacts on the road network would be severe.”

4.4.4 The following comments are relevant in relation to the above:

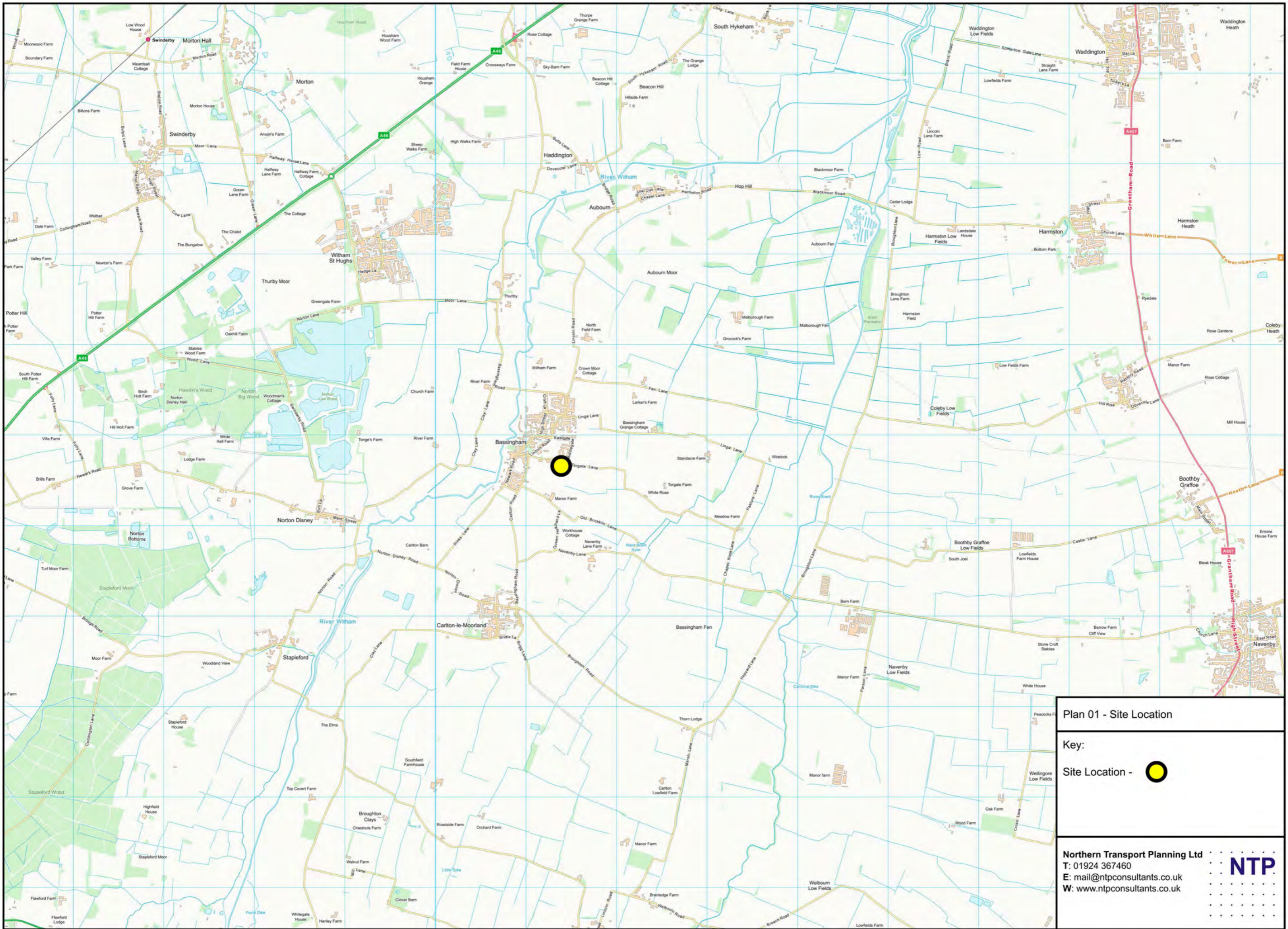
- Opportunities for sustainable transport – as has been demonstrated within this Transport Statement, having regard to its rural location the site is accessible by pedestrians, cyclists and public transport users.
- Safe and suitable access – safe and suitable access to the site will be available for all modes of transport.
- Impact of development – the analysis provided within this Transport Statement demonstrates that the traffic generated by the proposed development would not have a severe impact on the operation of the local highway network. Off-site mitigation measures are not necessary as the impact of trips generated by the proposed development is small.

4.5 Overall Conclusion

4.5.1 Having regard to the above it is concluded that the proposed development is satisfactory from a transport policy, traffic and highways viewpoint.




PLANS



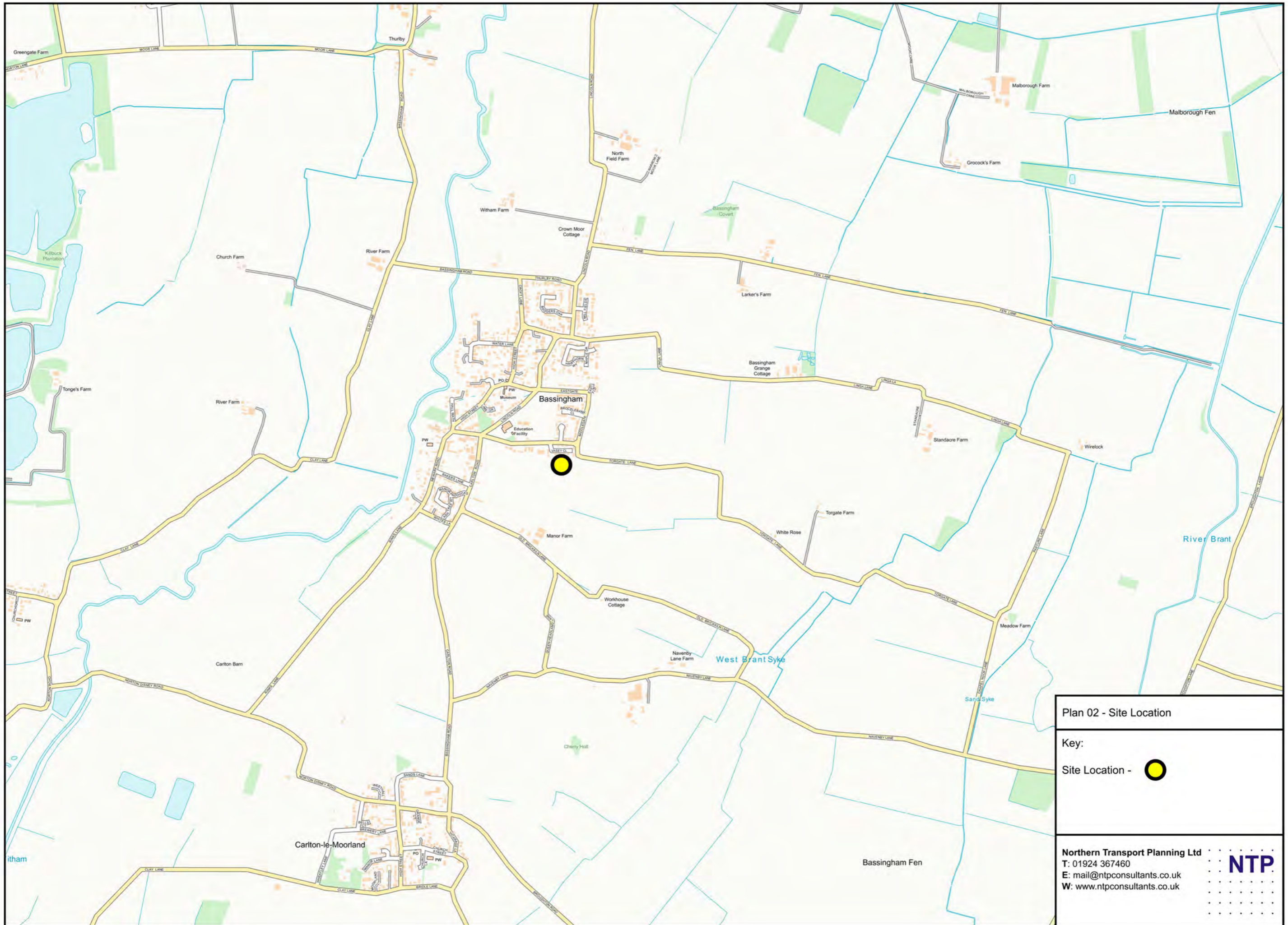
Plan 01 - Site Location

Key:


Site Location - 

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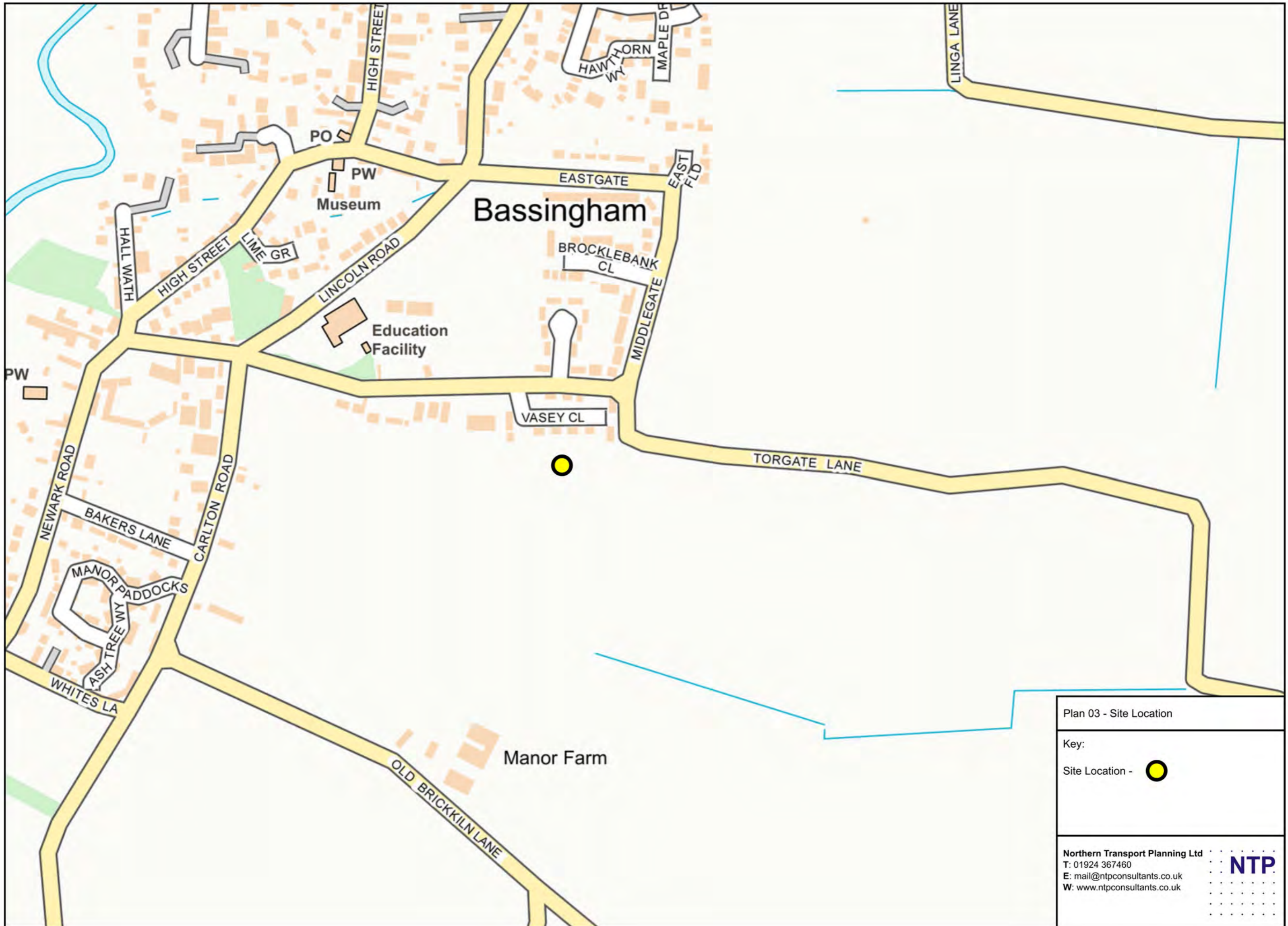


Plan 02 - Site Location

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Plan 03 - Site Location

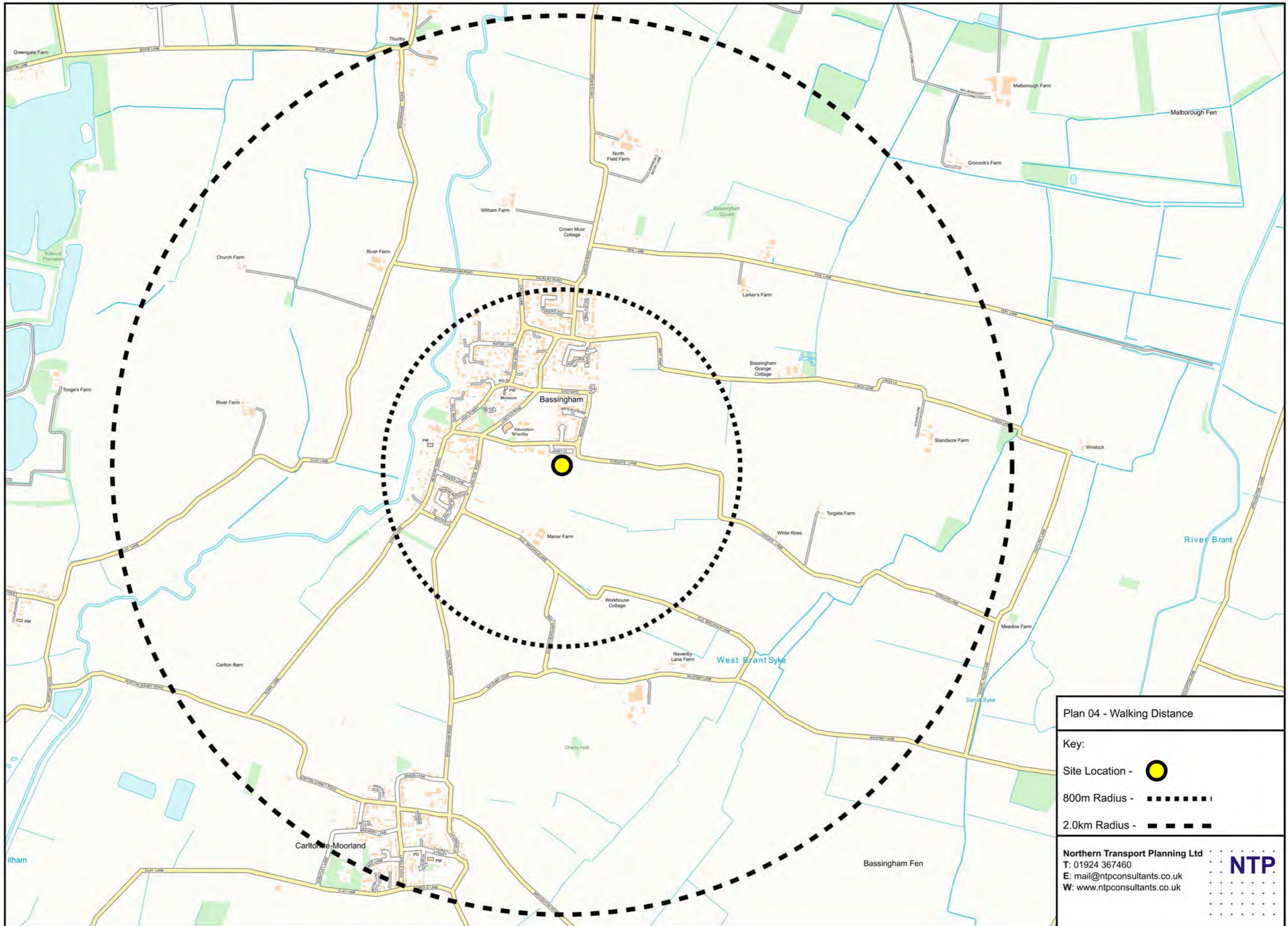
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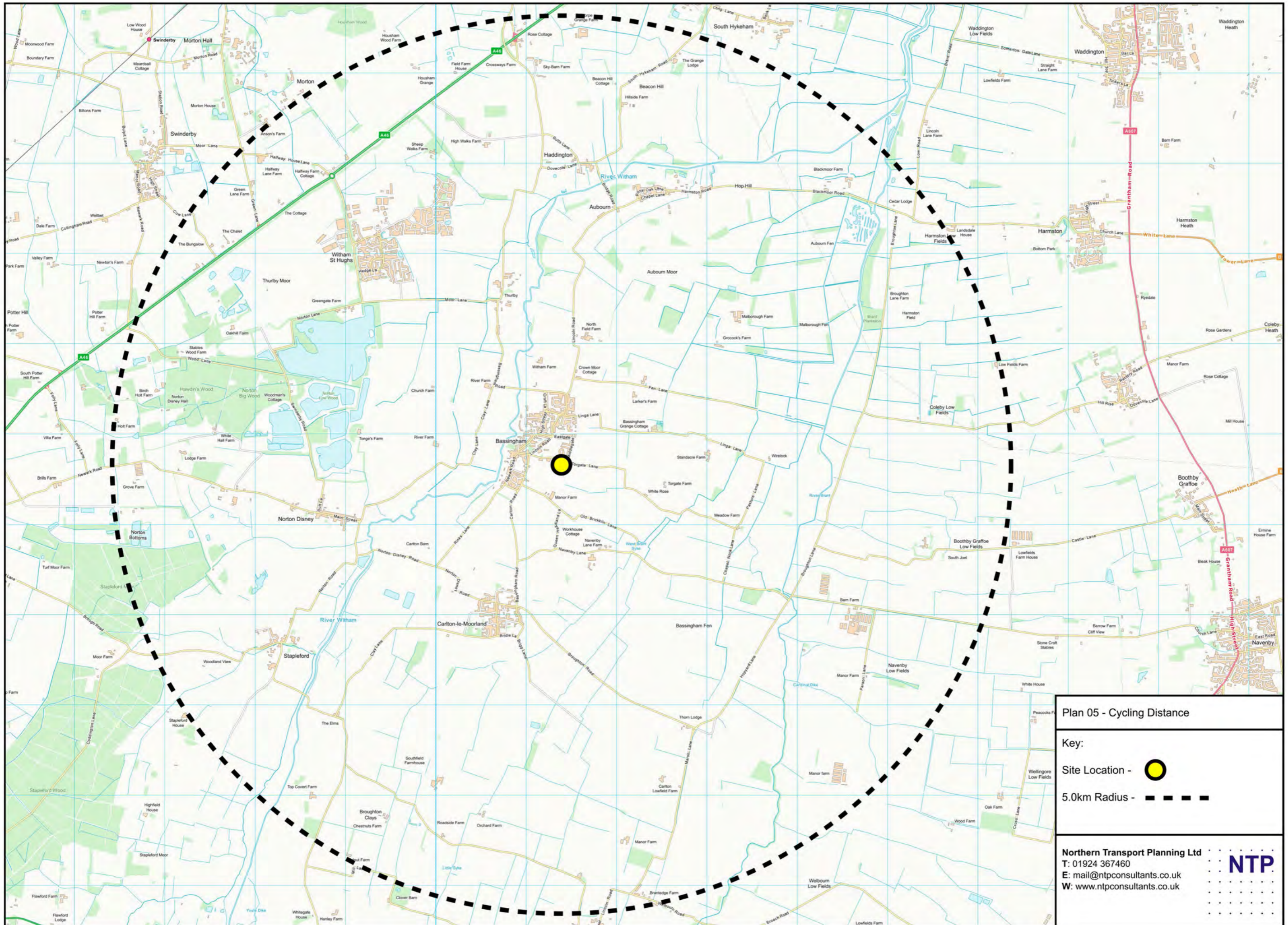
Plan 04 - Walking Distance

Key:

- Site Location - 
- 800m Radius - 
- 2.0km Radius - 


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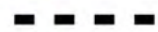




Plan 05 - Cycling Distance

Key:

Site Location - 

5.0km Radius - 

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APPENDIX A







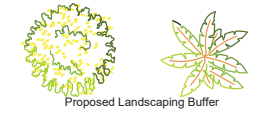
Rev	Description	Date

Schedule of Accommodation

Type	Bedrooms	Storeys	Size (m ²)	No.
A - 2b4p	2	2	68.4	6
B - 3b5p	3	2	81.9	4
C - 2b4p M4(2)	2	2	77.2	7
D - 3b5p M4(2)	3	2	87.6	0
Bung A-1b2p	1	1	43.8	4
Bung B-2b3p	2	1	53	2

Total	23			
Site Area	1.81 Acres			
Density	31 Units / Hectare			
Parking spaces	46 (2 per plot)			

-  Rented Unit
-  1800mm Timber Fence
-  Timber Knee Rail
-  1800/1000mm Service Strip



Lindum Business Park, Station Road
North Hykeham, Lincoln, LN6 3GX
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Client
Lindum Developments

Project
**Torgate Lane Ph2
Bassingham, Lincolnshire**

Drawing
**Proposed Site Plan
Option C**

Scale
1:250@A1/1:500@A3

Drawn by	Checked by
HB	SJP

Drawing Number	Revision
JV-181-04	



APPENDIX B

Calculation Reference: AUDIT-640801-211116-1109

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
	HC HAMPSHIRE	3 days
	KC KENT	1 days
	SC SURREY	1 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	DC DORSET	1 days
	DV DEVON	2 days
	SM SOMERSET	1 days
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	NF NORFOLK	2 days
	SF SUFFOLK	2 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	2 days
	WK WARWICKSHIRE	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	4 days
	SY SOUTH YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	3 days
	MS MERSEYSIDE	1 days
09	NORTH	
	DH DURHAM	2 days
	TW TYNE & WEAR	1 days
10	WALES	
	PS POWYS	1 days
11	SCOTLAND	
	FA FALKIRK	1 days
	HI HIGHLAND	1 days

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

Primary 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: No of Dwellings
 Actual Range: 15 to 99 (units:)
 Range Selected by User: 15 to 100 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling 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: 01/01/13 to 27/05/21

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	8 days
Tuesday	5 days
Wednesday	9 days
Thursday	11 days
Friday	3 days

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

Selected survey types:

Manual count	36 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:

Suburban Area (PPS6 Out of Centre)	17
Edge of Town	19

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	35
No Sub Category	1

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	36 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 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

1,001 to 5,000	3 days
5,001 to 10,000	12 days
10,001 to 15,000	7 days
15,001 to 20,000	7 days
20,001 to 25,000	2 days
25,001 to 50,000	5 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	4 days
25,001 to 50,000	3 days
50,001 to 75,000	5 days
75,001 to 100,000	8 days
100,001 to 125,000	1 days
125,001 to 250,000	9 days
250,001 to 500,000	6 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	7 days
1.1 to 1.5	29 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	27 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	36 days
-----------------	---------

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

LIST OF SITES relevant to selection parameters

1	CA-03-A-05 EASTFIELD ROAD PETERBOROUGH	DETACHED HOUSES		CAMBRI DGESHI RE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 28 <i>Survey date: MONDAY 17/10/16</i>			<i>Survey Type: MANUAL</i>
2	CH-03-A-09 GREYSTOKE ROAD MACCLESFIELD HURDSFIELD	TERRACED HOUSES		CHESHIRE
	Edge of Town Residential Zone Total No of Dwellings: 24 <i>Survey date: MONDAY 24/11/14</i>			<i>Survey Type: MANUAL</i>
3	CH-03-A-10 MEADOW DRIVE NORTHWICH BARNTON	SEMI-DETACHED & TERRACED		CHESHIRE
	Edge of Town Residential Zone Total No of Dwellings: 40 <i>Survey date: TUESDAY 04/06/19</i>			<i>Survey Type: MANUAL</i>
4	CH-03-A-11 LONDON ROAD NORTHWICH LEFTWICH	TOWN HOUSES		CHESHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 24 <i>Survey date: THURSDAY 06/06/19</i>			<i>Survey Type: MANUAL</i>
5	DC-03-A-08 HURSTDENE ROAD BOURNEMOUTH CASTLE LANE WEST	BUNGALOWS		DORSET
	Edge of Town Residential Zone Total No of Dwellings: 28 <i>Survey date: MONDAY 24/03/14</i>			<i>Survey Type: MANUAL</i>
6	DH-03-A-01 GREENFIELDS ROAD BISHOP AUCKLAND	SEMI DETACHED		DURHAM
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 50 <i>Survey date: TUESDAY 28/03/17</i>			<i>Survey Type: MANUAL</i>
7	DH-03-A-03 PILGRIMS WAY DURHAM	SEMI-DETACHED & TERRACED		DURHAM
	Edge of Town Residential Zone Total No of Dwellings: 57 <i>Survey date: FRIDAY 19/10/18</i>			<i>Survey Type: MANUAL</i>
8	DV-03-A-01 BRONSHILL ROAD TORQUAY	TERRACED HOUSES		DEVON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 37 <i>Survey date: WEDNESDAY 30/09/15</i>			<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

9	DV-03-A-03 LOWER BRAND LANE HONITON	TERRACED & SEMI DETACHED	DEVON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 70 <i>Survey date: MONDAY 28/09/15</i>		
10	ES-03-A-05 RATTLE ROAD NEAR EASTBOURNE STONE CROSS	MIXED HOUSES & FLATS	EAST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 99 <i>Survey date: WEDNESDAY 05/06/19</i>		
11	FA-03-A-01 MANDELA AVENUE FALKIRK	SEMI -DETACHED/TERRACED	FALKIRK
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 37 <i>Survey date: THURSDAY 30/05/13</i>		
12	HC-03-A-21 PRIESTLEY ROAD BASINGSTOKE HOUNDMILLS	TERRACED & SEMI -DETACHED	HAMPSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 39 <i>Survey date: TUESDAY 13/11/18</i>		
13	HC-03-A-22 BOW LAKE GARDENS NEAR EASTLEIGH BISHOPSTOKE	MIXED HOUSES	HAMPSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 40 <i>Survey date: WEDNESDAY 31/10/18</i>		
14	HC-03-A-23 CANADA WAY LIPHOOK	HOUSES & FLATS	HAMPSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 62 <i>Survey date: TUESDAY 19/11/19</i>		
15	HI-03-A-14 KING BRUDE ROAD INVERNESS SCORGUIE	SEMI -DETACHED & TERRACED	HIGHLAND
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 40 <i>Survey date: WEDNESDAY 23/03/16</i>		

LIST OF SITES relevant to selection parameters (Cont.)

24	PS-03-A-02 GUNROG ROAD WELSHPOOL	DETACHED/SEMI-DETACHED	POWYS
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 28 <i>Survey date: MONDAY 11/05/15</i>		
25	SC-03-A-04 HIGH ROAD BYFLEET	DETACHED & TERRACED	SURREY
	Edge of Town Residential Zone Total No of Dwellings: 71 <i>Survey date: THURSDAY 23/01/14</i>		
26	SF-03-A-05 VALE LANE BURY ST EDMUNDS	DETACHED HOUSES	SUFFOLK
	Edge of Town Residential Zone Total No of Dwellings: 18 <i>Survey date: WEDNESDAY 09/09/15</i>		
27	SF-03-A-07 FOXHALL ROAD IPSWICH	MIXED HOUSES	SUFFOLK
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 73 <i>Survey date: THURSDAY 09/05/19</i>		
28	SH-03-A-05 SANDCROFT TELFORD SUTTON HILL	SEMI-DETACHED/TERRACED	SHROPSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 54 <i>Survey date: THURSDAY 24/10/13</i>		
29	SH-03-A-06 ELLESMERE ROAD SHREWSBURY	BUNGALOWS	SHROPSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 16 <i>Survey date: THURSDAY 22/05/14</i>		
30	SM-03-A-01 WEMBDON ROAD BRIDGWATER NORTHFIELD	DETACHED & SEMI	SOMERSET
	Edge of Town Residential Zone Total No of Dwellings: 33 <i>Survey date: THURSDAY 24/09/15</i>		

LIST OF SITES relevant to selection parameters (Cont.)

31	SY-03-A-01 A19 BENTLEY ROAD DONCASTER BENTLEY RISE Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: <i>Survey date: WEDNESDAY</i>	SEMI DETACHED HOUSES 54 <i>18/09/13</i>	SOUTH YORKSHIRE <i>Survey Type: MANUAL</i>
32	TW-03-A-02 WEST PARK ROAD GATESHEAD Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: <i>Survey date: MONDAY</i>	SEMI -DETACHED 16 <i>07/10/13</i>	TYNE & WEAR <i>Survey Type: MANUAL</i>
33	WK-03-A-02 NARBERTH WAY COVENTRY POTTERS GREEN Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: THURSDAY</i>	BUNGALOWS 17 <i>17/10/13</i>	WARWICKSHIRE <i>Survey Type: MANUAL</i>
34	WK-03-A-04 DALEHOUSE LANE KENILWORTH Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: FRIDAY</i>	DETACHED HOUSES 49 <i>27/09/19</i>	WARWICKSHIRE <i>Survey Type: MANUAL</i>
35	WL-03-A-02 HEADLANDS GROVE SWINDON Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: <i>Survey date: THURSDAY</i>	SEMI DETACHED 27 <i>22/09/16</i>	WILTSHIRE <i>Survey Type: MANUAL</i>
36	WS-03-A-10 TODDINGTON LANE LITTLEHAMPTON WICK Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: WEDNESDAY</i>	MIXED HOUSES 79 <i>07/11/18</i>	WEST SUSSEX <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

MULTI-MODAL TOTAL 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	36	43	0.077	36	43	0.309	36	43	0.386
08:00 - 09:00	36	43	0.144	36	43	0.392	36	43	0.536
09:00 - 10:00	36	43	0.161	36	43	0.188	36	43	0.349
10:00 - 11:00	36	43	0.138	36	43	0.171	36	43	0.309
11:00 - 12:00	36	43	0.155	36	43	0.175	36	43	0.330
12:00 - 13:00	36	43	0.173	36	43	0.164	36	43	0.337
13:00 - 14:00	36	43	0.176	36	43	0.174	36	43	0.350
14:00 - 15:00	36	43	0.158	36	43	0.191	36	43	0.349
15:00 - 16:00	36	43	0.274	36	43	0.194	36	43	0.468
16:00 - 17:00	36	43	0.291	36	43	0.161	36	43	0.452
17:00 - 18:00	36	43	0.335	36	43	0.157	36	43	0.492
18:00 - 19:00	36	43	0.261	36	43	0.147	36	43	0.408
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.343			2.423			4.766

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:	15 - 99 (units:)
Survey date range:	01/01/13 - 27/05/21
Number of weekdays (Monday-Friday):	36
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	4
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

MULTI-MODAL TOTAL PEOPLE

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	36	43	0.113	36	43	0.530	36	43	0.643
08:00 - 09:00	36	43	0.240	36	43	0.822	36	43	1.062
09:00 - 10:00	36	43	0.247	36	43	0.326	36	43	0.573
10:00 - 11:00	36	43	0.218	36	43	0.305	36	43	0.523
11:00 - 12:00	36	43	0.249	36	43	0.254	36	43	0.503
12:00 - 13:00	36	43	0.277	36	43	0.261	36	43	0.538
13:00 - 14:00	36	43	0.274	36	43	0.263	36	43	0.537
14:00 - 15:00	36	43	0.255	36	43	0.287	36	43	0.542
15:00 - 16:00	36	43	0.601	36	43	0.349	36	43	0.950
16:00 - 17:00	36	43	0.541	36	43	0.279	36	43	0.820
17:00 - 18:00	36	43	0.570	36	43	0.266	36	43	0.836
18:00 - 19:00	36	43	0.434	36	43	0.234	36	43	0.668
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			4.019			4.176			8.195

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 C

QS701EW - Method of travel to work

ONS Crown Copyright Reserved [from Nomis on 16 November 2021]

population All usual residents aged 16 to 74
 units Persons
 area type built-up areas
 area name Bassingham BUA
 rural urban Total

Method of Travel to Work

2011

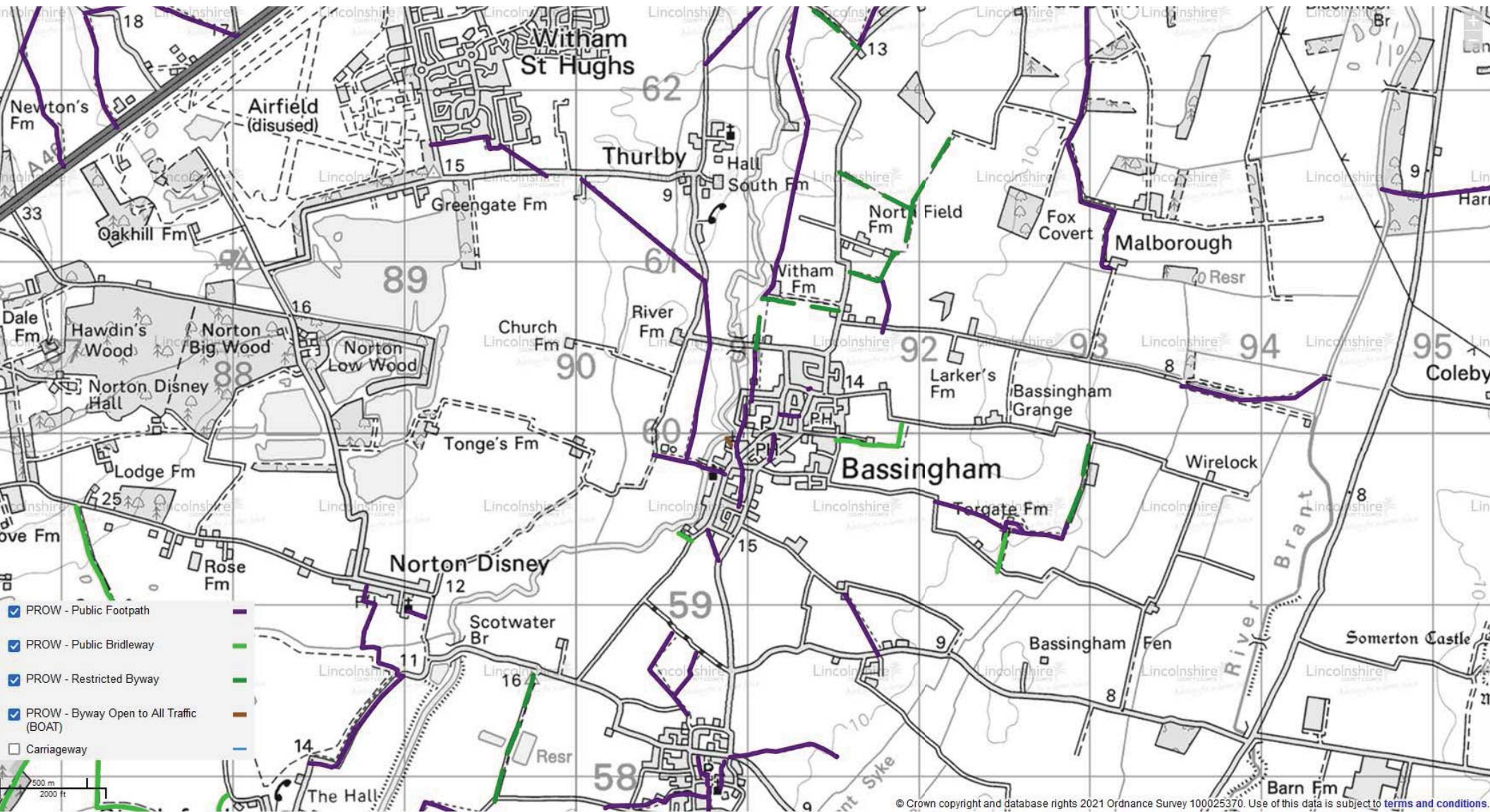
All categories: Method of travel to work	1,046
Work mainly at or from home	74
Underground, metro, light rail, tram	0
Train	13
Bus, minibus or coach	4
Taxi	1
Motorcycle, scooter or moped	8
Driving a car or van	553
Passenger in a car or van	28
Bicycle	10
On foot	49
Other method of travel to work	2
Not in employment	304

23 8.195 188.485

					188
			Modal Split		2way Trips
Train, metro, etc.	13	1.95%	2.0%	3.7	4
Bus, minibus, taxi, etc.	5	0.75%	0.7%	1.4	1
PTW	8	1.20%	1.2%	2.3	2
Driving a car or van	553	83.03%	83.0%	156.1	156
Passenger in a car or van	28	4.20%	4.2%	7.9	8
Bicycle	10	1.50%	1.5%	2.8	3
On foot	49	7.36%	7.4%	13.8	14
	666	100.00%	100.0%	188.0	188



APPENDIX D





APPENDIX E

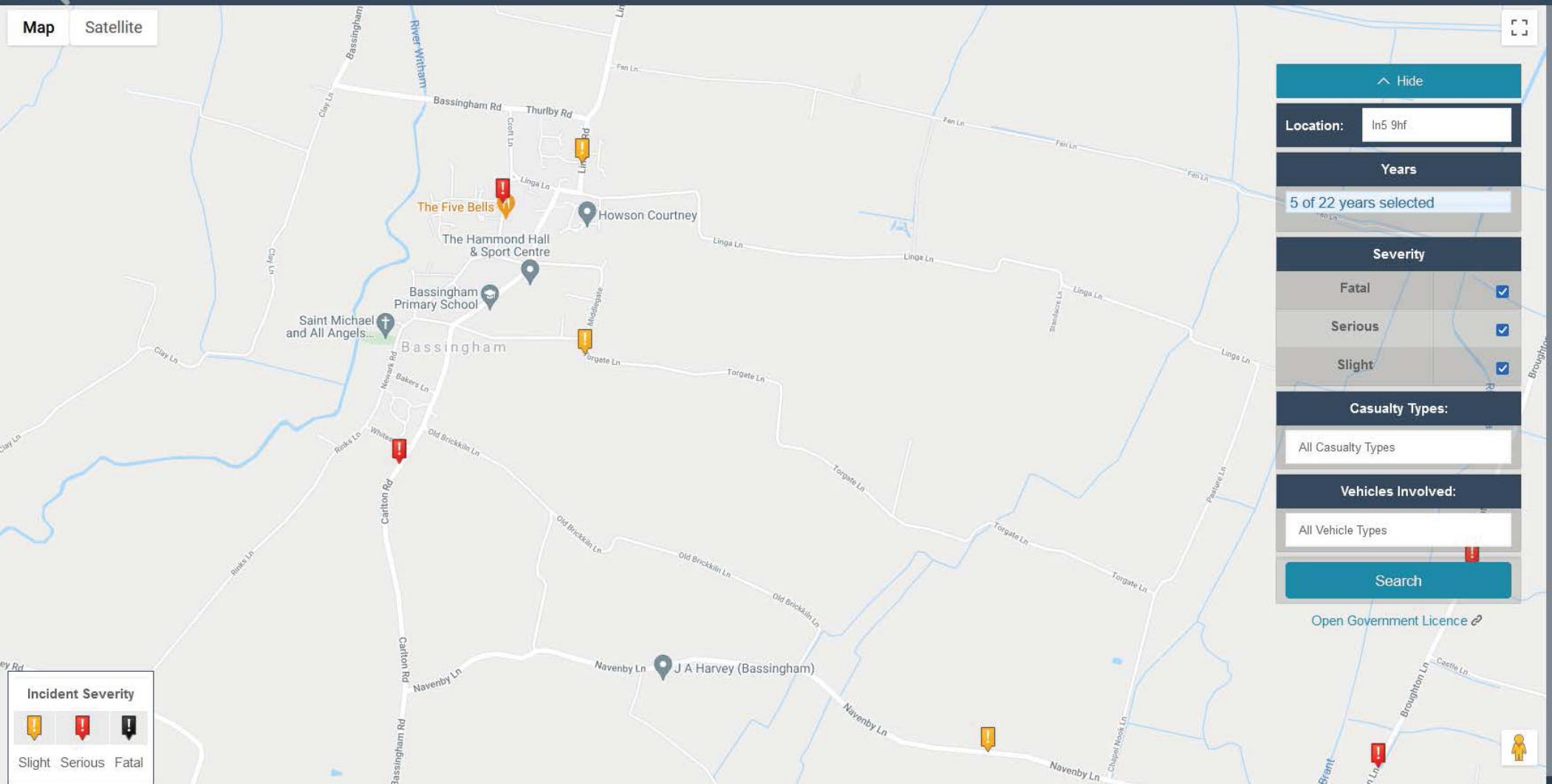
Traffic survey at Torgate Lane/Vasey Close Junction									Traffic survey at Torgate Lane/Vasey Close Junction									Traffic survey at Torgate Lane/Vasey Close Junction								
15 mins ending	Torgate Lane		E/B	Straight Ahead to			Torgate Lane		15 mins ending	Torgate Lane		E/B	Right to	Vasey Close		15 mins ending	Vasey Close		N/B	Left to			Torgate Lane			
	Car/ LGV	HGV	M/C	P/C	Total	%HGV/ bus	PCU		Car/ LGV	HGV	M/C	P/C	Total	%HGV/ bus	PCU		Car/ LGV	HGV	M/C	P/C	Total	%HGV/ bus	PCU			
Thursday 04/11/21																										
15:15	2	0	0	0	2	0.0%	2	15:15	3	0	0	0	3	0.0%	3	15:15	1	0	0	0	1	0.0%	1			
15:30	2	0	0	0	2	0.0%	2	15:30	1	0	0	0	1	0.0%	1	15:30	1	0	0	0	1	0.0%	1			
15:45	4	0	0	0	4	0.0%	4	15:45	0	0	0	0	0	#DIV/0!	0	15:45	1	0	0	0	1	0.0%	1			
16:00	2	0	0	0	2	0.0%	2	16:00	0	0	0	0	0	#DIV/0!	0	16:00	0	0	0	0	0	#DIV/0!	0			
16:15	7	0	0	0	7	0.0%	7	16:15	3	0	0	0	3	0.0%	3	16:15	1	0	0	0	1	0.0%	1			
16:30	1	0	0	0	2	0.0%	1	16:30	3	0	0	0	3	0.0%	3	16:30	2	0	0	0	2	0.0%	2			
16:45	3	0	0	0	2	0.0%	3	16:45	1	0	0	0	1	0.0%	1	16:45	1	0	0	0	1	0.0%	1			
17:00	2	0	0	0	2	0.0%	2	17:00	1	0	0	0	1	0.0%	1	17:00	0	0	0	0	0	#DIV/0!	0			
15:00 - 16:00	10	0	0	0	10	0.0%	10	15:00 - 16:00	4	0	0	0	4	0.0%	4	15:00 - 16:00	3	0	0	0	3	0.0%	3			
16:00 - 17:00	13	0	0	0	4	0.0%	14	16:00 - 17:00	8	0	0	0	8	0.0%	8	16:00 - 17:00	4	0	0	0	4	0.0%	4			

Traffic survey at Torgate Lane/Vasey Close Junction									Traffic survey at Torgate Lane/Vasey Close Junction									Traffic survey at Torgate Lane/Vasey Close Junction								
15 mins ending	Vasey Close		N/B	Right to			Torgate Lane		15 mins ending	Torgate Lane		W/B	Left to	Vasey Close		15 mins ending	Torgate Lane		W/B	Straight Ahead to			Torgate Lane			
	Car/ LGV	HGV	M/C	P/C	Total	%HGV/ bus	PCU		Car/ LGV	HGV	M/C	P/C	Total	%HGV/ bus	PCU		Car/ LGV	HGV	M/C	P/C	Total	%HGV/ bus	PCU			
Thursday 04/11/21																										
15:15	0	0	0	0	0	#DIV/0!	0	15:15	0	0	0	0	0	#DIV/0!	0	15:15	0	0	0	0	0	#DIV/0!	0			
15:30	0	0	0	0	0	#DIV/0!	0	15:30	0	0	0	0	0	#DIV/0!	0	15:30	2	0	0	0	2	0.0%	2			
15:45	0	0	0	0	0	#DIV/0!	0	15:45	0	0	0	0	0	#DIV/0!	0	15:45	2	0	0	0	2	0.0%	2			
16:00	1	0	0	0	1	0.0%	1	16:00	0	0	0	0	0	#DIV/0!	0	16:00	3	0	0	0	3	0.0%	3			
16:15	0	0	0	0	0	#DIV/0!	0	16:15	0	0	0	0	0	#DIV/0!	0	16:15	4	0	0	0	4	0.0%	4			
16:30	1	0	0	0	1	0.0%	1	16:30	0	0	0	0	0	#DIV/0!	0	16:30	1	0	0	0	1	0.0%	1			
16:45	1	0	0	0	1	0.0%	1	16:45	0	0	0	0	0	#DIV/0!	0	16:45	3	0	0	0	3	0.0%	3			
17:00	0	0	0	0	0	#DIV/0!	0	17:00	0	0	0	0	0	#DIV/0!	0	17:00	2	0	0	0	2	0.0%	2			
15:00 - 16:00	1	0	0	0	1	0.0%	1	15:00 - 16:00	0	0	0	0	0	#DIV/0!	0	15:00 - 16:00	7	0	0	0	7	0.0%	7			
16:00 - 17:00	2	0	0	0	2	0.0%	2	16:00 - 17:00	0	0	0	0	0	#DIV/0!	0	16:00 - 17:00	10	0	0	0	10	0.0%	10			



APPENDIX F

Map Satellite



Hide

Location: In5 9hf

Years

5 of 22 years selected

Severity

Fatal	<input checked="" type="checkbox"/>
Serious	<input checked="" type="checkbox"/>
Slight	<input checked="" type="checkbox"/>

Casualty Types:

All Casualty Types

Vehicles Involved:

All Vehicle Types

Search

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Incident Severity

Slight	Serious	Fatal