



Local Plan Village Classification Report

June 2012

Published by South Cambridgeshire District Council

The maps in this document are based upon the Ordnance Survey mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. South Cambridgeshire District Council Licence No. LA 100022500 (2012)

The Ordnance Survey mapping included within this document is provided by South Cambridgeshire District Council under licence from the Ordnance Survey in order to fulfil its public function to make available Council held public domain information.

Persons viewing this mapping should contact Ordnance Survey copyright for advice where they wish to licence Ordnance Survey mapping/map data for their own use. The OS web site can be found at www.ordsvy.gov.uk

Chapter 1: Purpose of report – why carry out a review

The National Planning Policy Framework requires that ‘planning policies and decisions should actively manage patterns of growth to make the fullest use of public transport, walking and cycling, and focus significant development in locations which are or can be made sustainable.’

Within the existing Core Strategy Development Plan Document most of the housing growth to 2016 was planned at urban extensions to Cambridge, and the new town of Northstowe. A relatively small amount of development was allocated at villages, focusing on Rural Centres, the better served and most sustainable villages in the district. As well as identifying Rural Centres, the existing Core Strategy categorises the remaining villages according to their relative sustainability, services they provide, and their role in the district, into Minor Rural Centres, Group Villages, and Infill Villages, and includes policies regarding the scale of development proposals that would be suitable in principle within village boundaries to meet local needs, and to enable the sustainable recycling of land.

The new Local Plan will need to identify new development sites to meet the growth needs up to 2031. It will need to consider the scale of development that is required, and how that should be distributed across the district, including what is appropriate at different settlements, towards a sustainable development strategy. If allocations are needed in the rural area of the district, the settlement hierarchy would be a consideration, as it would be an indication of the most suitable locations for growth. The Local Plan review provides an opportunity to review the settlement hierarchy, including whether the village categories remain sound, and where individual villages should sit within the hierarchy. It also provides an opportunity to review the scale of development that would be appropriate if windfall developments, sites not allocated in the plan, are proposed.

This paper provides a review of the village hierarchy, reviewing the previously used methodology and the impact of any changes in village circumstances. The existing settlement hierarchy is then re-assessed, and options for revisions to the hierarchy identified.

Chapter 2: Methodology for establishing the Rural Settlement Hierarchy

The approach to the settlement hierarchy must reflect the circumstances of the district. Whilst many other districts have one of two large centres within their districts, such as market towns, South Cambridgeshire is unusual in not having such a settlement, although parts of the edge of Cambridge and the new town of Northstowe are located in the district. Instead, larger settlements exert their influence from outside the district boundary. South Cambridgeshire completely surrounds Cambridge City and is surrounded by the market towns of Newmarket; Royston; St.Neots, St.Ives, Ely; and Saffron Walden circle around the edge of the district, some 10 – 15 miles from Cambridge.

South Cambridgeshire is a largely rural district comprising of over 100 villages, none currently larger than around 8,000 people. However, some villages still play an important function meeting the local need for services and facilities for their residents and a surrounding rural hinterland.

Earlier Local Plans for South Cambridgeshire had development strategies based on a dispersed pattern of village growth, and identified larger numbers of villages at the highest tier of settlements, on the basis of the level of development proposed rather than the services and facilities provided in the village. The Core Strategy DPD changed the development strategy to a more sustainable, urban focus, concentrating development on Cambridge through a number of urban extensions to the city and at the new town of Northstowe north west of Cambridge. The strategy included a rural settlement hierarchy based on the level of service and facilities in each village and their relative sustainability. It allowed for limited development to meet local needs in Rural Centres and other villages, with the level of development dependent on the relative sustainability of the category of the village. The Core Strategy placed greater emphasis on identifying only the most sustainable villages with the best services and facilities serving a rural hinterland as Rural Centres. Only five such centres were identified.

Policies in the Core Strategy DPD establish the scale of windfall development within the framework of villages considered acceptable in principle, that aims to be compatible with their level of sustainability as well as helping to maintain viable and thriving rural communities. It is a balance between focusing the majority of development on Cambridge and Northstowe, whilst allowing the rural area to continue to be a living countryside. An issue for the Local Plan will be to consider if the balance remains the right one.

Minor Rural Centres were added following public consultation on the draft Core Strategy, to more fully acknowledge the role that a number of villages play in meeting the needs of their local area. They did not in themselves have sufficient level of services and facilities to justify being designated as Rural Centres, but played an important role in the district by servicing a small rural hinterland. As a matter of principle this did not include villages that were in the immediate proximity of Cambridge (Girton and Milton), as they did not perform this function. In the Minor Rural Centres windfall housing development proposals were restricted to up to an indicative maximum scheme size of 30 dwellings, with schemes of 9 or more dwellings contributing to improvement of village facilities to help improve sustainability.

The remaining settlements are smaller in scale and have a limited range of services and facilities within them for their smaller populations. Policies restrict the scale of development, reflecting that significant scales of development would be

unsustainable by creating disproportionate numbers of car trips. Group Villages (named to reflect that developments up to 8 dwellings are permitted in principle, historically called 'group developments'), with up to 15 dwellings allowed on a brownfield site to make best use of land, have a Primary School.

Infill villages (where developments up to 2 dwellings on an existing frontage), have very few facilities.

For reference, the policies included in the adopted Core Strategy are detailed in appendix 1.

Scope of the Review

The approach to the settlement hierarchy, and the level of windfall development permitted within different categories of village, is intrinsically linked to the development strategy for the district. The focus for the majority of planned growth remains the edge of Cambridge and Northstowe, but there are options regarding how the remaining development needs should be met. The plan review should consider whether the settlement categories remain appropriate, and whether the individual settlements have been correctly assigned.

The Core Strategy utilised a series of criteria to establish the better served villages in the District, however, it is important to note that the spatial distribution of centres and the role they play in the district is also a consideration.

The Assessment Methodology

The key tests used previously to identify Rural Centres, and subsequently Minor Rural Centres, are considered an appropriate starting point for the review of the settlement hierarchy.

A key test used previously was that they should have a population over 3000. This accounts for the thirteen largest villages in the District. These villages have the greatest range of services and facilities, and the threshold is still considered a reasonable threshold for testing villages as Rural Centres and Minor Rural Centres. However, this assessment has also reviewed sites between 2000 and 3000 population, to ascertain whether any villages warrant clarification in a higher category.

For the Core Strategy, four tests were utilised to identify Rural Centres. These are:

- Public Transport Accessibility
- Accessibility of Secondary Education
- Village Facilities
- Local Employment Opportunities

The following section reviews each of the tests, considers whether circumstances have changed since the previous review, and how the test should now be applied.

I Public Transport Services

The availability of good public transport access to Cambridge and the adjoining market towns remains important in assessing the sustainability of centres.

The Core Strategy utilised a test of 'good public transport', defined as '*minimum service frequencies of every 30 minutes during the day, hourly in the evenings and on Saturdays. Every 2 hours or better on Sundays.*'

Since the original assessment was carried out in 2003 there have been considerable changes to public transport availability in South Cambridgeshire. Larger villages on the radial routes out of Cambridge are served by the 'Citi' services, which has improved service frequencies to a number of villages, now delivering a 20 minute frequency service to many larger centres. The opening of the Guided busway has improved accessibility for those villages on or adjoining its route who can use it to travel into Cambridge / St Ives/ Huntingdon, providing a 10 minute frequency high quality service.

A more appropriate test to differentiate the better centres is now a 20 minute service or better, and an hourly service in the evenings and on Sundays. The assessment also focuses on public transport access to Cambridge, given the role of the City in the wider strategy.

Public transport services can be subject to change more frequently than other tests. However, they do provide a reflection of the relative sustainability. Notwithstanding, services will be kept under review as the plan is being prepared to monitor any material changes. Changes are anticipated in June 2012, but they are not anticipated to impact on the higher frequency services.

A map of bus routes at the time of this assessment has been included in appendix 3, and a map of rail links in appendix 4. A summary of the public transport quality village by village is included in appendix 5.

In summary, the key test is now a 20 minute service or better, and an hourly service in the evenings and on Sundays, to Cambridge.

The Guided Busway has been completed since the previous settlement hierarchy review. Chapter 3 includes a section specifically exploring the potential impact on the hierarchy.

II Accessibility of Secondary Education

The Core Strategy settlement hierarchy established that Rural Centres would generally have good access to a secondary school. Good access is particularly important to give safe access for older school children and minimise car journeys for school trips, and also because of the vital role that the Village Colleges and other Secondary Schools play in ensuring that not only school pupils but also the wider community have access to facilities such as libraries, sports clubs and adult education which are provided within these schools.

Settlements with a Village College have good access. In the case of villages without a Village College, the test required there to be good access by public transport to a Village College, or access via a safe cycle route.

The accessibility of secondary education remains of key importance to a settlement. The location of village colleges since the last review has not changed, although a new secondary school is being planned at Cambourne.

In Summary, the key test to be taken forward is having a secondary school in the village, with a secondary test of having direct access by public transport at the frequencies described above.

III Village Facilities

The Core Strategy settlement hierarchy established that a village was considered to have met the Village Facilities criterion for Rural Centres if it possessed a primary school, a post office, a doctors surgery, and sufficient food shopping provision to enable a resident of the village to undertake his or her full weekly shop in the village if they needed to.

It is apparent from the results of the recent Village Services and Facilities study that with the exception of Cambourne there have been few changes in the key services available to larger villages since the last survey.

Access to services and facilities, and in particular health care, are identified as key issues for reducing the need to travel and promoting modes other than the car, and addressing inequalities, in the Sustainability Appraisal Scoping Report 2012. The test has identified whether villages have an ATM, Doctors Surgery, Library, Pharmacy, Post Office, Primary School, Public House, and Village Hall. It also identifies whether services are full time or part time. Where a village has the full range of services full time, it performs highest against the test.

The criteria regarding size and range of food shops have been refined to draw out where higher levels of shopping provision are available. The best served villages have multiple supermarkets or a larger supermarket, and other food stores. Other villages have a single small supermarket or smaller range of other shops. Smaller villages may have only one shop, or no food shops at all. Data has been gathered from the Valuation Office Agency and the Cambridge Sub-Region Retail Study on the size of shops selling food, using information gathered in the Village Services and Facilities Study. Net retail floorspace for shops selling food has been calculated for each village. This has been collated in appendix 6.

Exploring the data, it was determined that the villages with over 1,000m² of food shopping were the best served villages, offering sufficient a range of food shopping to support a weekly shop. Below this, over 300m² has been identified as an appropriate threshold to differentiate villages with a relatively limited range of shopping, Villages below this generally have one small food shop or less.

As well as food shopping, the overall scale and scope of the retail and services offering is an indicator of the role of the settlement. The largest centres have a range of services- for example estate agents; banks; hairdressers; butchers; bakers; take away food outlets; restaurants; veterinary surgeries; and petrol stations. This was surveyed in the Village Services and Facilities Study, and has been used as a further indicator of the scale of service provision available in the village.

In summary, three tests have been developed examining service availability, food shopping, and wider retail and services availability, to enable scoring to better differentiate the relative services and facilities available in a village.

IV Local Employment Opportunities

The Core Strategy settlement hierarchy required that a Rural Centre should be capable of providing employment opportunities, within or close to the settlement. The ratio of local jobs to economically active residents provides a useful way of assessing the level of employment opportunities within or close to a settlement. The ward-level data for calculating this ratio was extracted from the 2001 Census results.

At time of writing, the 2011 Census data is not yet available, it is therefore not possible to update the employment criteria on a like for like basis. An alternative measure is the ratio of jobs (employment) to residents aged 16 to 64, which is monitored by the Office for National Statistics (NOMIS data series). Detailed information can be viewed on the Cambridgeshire ATLAS web-site:
<http://www.cambridgeshire.gov.uk/business/research/researchmaps.htm>

Only five wards have over one local job for every resident age 16 to 64 - Fulbourn; Milton; The Wilbrahams; Papworth and Elsworth; and The Abingtons. Most of these are influenced by having large business or research parks within their boundaries. These generally low numbers illustrates the influence of Cambridge and the market towns as being centres for employment.

The data is also ward based, and each ward can contain a number of villages. Whilst scoring has been based around this ratio, the village by village assessment in the next section of this report identifies where there may be access anomalies.

In summary, the key test to be taken forward is the ratio of jobs (employment) to residents aged 16 to 64 in the ward.

Scoring Mechanism

In order to provide a consistent and quantitative assessment of villages against the key aspects influencing sustainability, a scoring system has been developed based on the above criteria. The scoring system is intended as a guide, to illustrate the different level of services and facilities available in villages.

	Public Transport to Cambridge or Market Town	Village College	Village Services	Food Shopping	Other Retail	Employment
Scores 2 points if...	20 minute frequency Service (Hourly service evenings and Sundays)	Located within Village	Doctors (Full time), Post Office (Full Time), Pharmacy, Library (Full Time), Public House, Primary School, Village Hall,	Food Shopping over 1000m2 gross floor space (from VOA and Retail Study).	Range of other Shops & Services > 40	Workplace population: Employed Residents 2009: ratio greater than 1
Scores 1 point if...	30 minute frequency Service (Hourly service evenings and Sundays)	Direct Public Transport link to Village College	Three or more of above services missing or part time	Food Shopping over 300m2 but less than 1000m2 gross floor space (from VOA and Retail Study).	Range of other Shops & Services > 20	Workplace population: Employed Residents 2009: ratio 0.5 to 1

Once the relative sustainability in terms of services and facilities has been determined, it is then relevant to consider the distribution of better served villages. As outlined earlier, a key consideration is also the role and function of the settlement within the wider context of the district.

Chapter 3: Results and Assessment of Individual Settlements

The following table provides a summary of the scoring. More detailed results can be found in appendix 2.

Village	Population 2010	Public Transport	Secondary Education	Village Services and Facilities	Employment	Total Score
Sawston	7150	3	3	6	1	13
Histon & Impington	7700	3	3	5	1	12
Cambourne	7060	3	3*	5	1	12
Great Shelford & Stapleford	5890	3	1**	5	1	10
Cottenham	6150	3	3	4	0	10
Fulbourn	3480	3	0	3	2	8
Bar Hill	4080	3	0	4	1	8
Linton	4470	0	3	4	1	8
Melbourn	4630	0	3	2	1	6
Gamlingay	3570	0	3	2	0	5
Milton	4310	0	0	3	2	5
Swavesey	2610	0	3	0	1	4
Bassingbourn	2130	0	3	1	0	4
Girton	4270	3	0	1	0	4
Comberton	2360	0	3	1	0	4
Hardwick	2710	3	0	0	0	3
Papworth Everard	2770	0	0	1	2	3
Willingham	4040	0	0	3	0	3
Oakington	1410	3	0	0	0	3
Waterbeach	4610	0	0	1	1	2
Longstanton	2540	0	0	1	1	2
Over	2840	0	0	0	0	0
Teversham	2700	0	0	0	0	0

* - Future development will provide secondary school.

** - Does not contain a secondary school but has direct public transport access to secondary school.

Review of Existing Rural Centres

Histon & Impington, two villages which act as one centre, supporting a range of services and facilities. The High Street in Histon has a range of shops including two small supermarkets (a Tesco Express and a Coop). The Citi 8 bus service provides frequent public transport to Cambridge. Impington Village College is within its boundaries. It also has good employment opportunities with a relatively large number of jobs within the area. Given its range of services and facilities it remains one of the most sustainable settlements in the district.

Sawston is the second largest village in the district, and this is reflected with the good range of services and facilities available in the village centre. It has a village college; a good public transport service - the Citi7 to Cambridge provides a 20-minute service; and has a full time post office and library. It has a medium sized supermarket in the village centre, larger than most small supermarkets in other villages. It is surrounded by a rural hinterland of Group and Infill villages for which it provides services. It continues to be one of the most sustainable villages in the district

Cambourne has grown in population size since the last assessment and will increase further with the planning application granted for 'Cambourne 950'. It has a good public transport service provided by the Citi4 and 18 services to Cambridge. It has a large Morrisons supermarket in the village centre providing for food retailing and a range of other facilities, and capacity for further facilities in the future. A sports centre recently opened, and a secondary school is planned. Cambourne provides services to a number of other smaller settlements in the surrounding area. When fully developed it will perform a role similar to the other large villages.

Great Shelford & Stapleford, also two parishes that act as one centre, is slightly smaller than the three settlements above. It has a good range of services and facilities, including two small supermarkets, and the village centre has the character of a rural service centre. The Citi 7 provides a good public transport link to Cambridge and it has relatively good employment opportunities. A key difference is that it does not have a secondary school, but has good public transport to Sawston. Despite this it still represents one of the most sustainable villages in the district.

Fulbourn does not perform as well as the villages above. Fulbourn has no village college, and no direct public transport link to Bottisham Village College which it is served by. It has a lesser offering in terms of shops and services (note: at over 3km from the village centre the Tesco at Yarrow Road has not been included in the Fulbourn assessment). It does have a good public transport to Cambridge provided by the Citi 1 service. It does score particularly well in terms of access to employment, with a high ratio of jobs to people due to the business park and hospitals that fall within the ward.

Conclusions regarding existing Rural Centres

Histon and Impington, Cambourne, Sawston, and Great Shelford and Stapleford, as a group stand out as the largest, best served settlements in the district. They all provide services to a wider rural hinterland, and warrant their status as Rural Centres distinct from other centres in the district.

Fulbourn is considerably smaller, and does not have as wide a range of services. Following the Examination into the last draft plan, the Inspectors in their report on the

Core Strategy upgraded Fulbourn from a Minor Rural Centre since it was seen as providing an important role in serving the villages to the east of Cambridge City. There are no other Rural Centres or Minor Rural Centres that serve this part of the district and the two Group Villages that are in the east - Teversham and Great Wilbraham are not amongst the better served settlements. An issue for the Local Plan is whether the role Fulbourn plays in its local area justifies it being a Rural Centre rather than a Minor Rural Centre, notwithstanding that it doesn't perform as well against the tests.

Review of Existing Minor Rural Centres

Cottenham is comparable in size to Great Shelford, and performs in a comparable way in the scoring. It has a good public transport service with the Citi 8 linking the settlement to Cambridge City and it also has Cottenham Village College within its boundaries. It lies immediately north of Histon and Impington, a Rural Centre, and near to Willingham and Waterbeach (Minor Rural Centres). There will also in the future be the new town of Northstowe to serve this area.

Bar Hill has a good public transport service provided by the Citi 5 to Cambridge but does not have a secondary school within its boundaries, and no quality public transport link to Swavesey Village College. Although it does have Tesco Extra within it there is not a wide range of other services and facilities. It does have a relatively high ratio of employment, due to the business park present in the village.

Linton is around half the size of the largest villages in the district. It has Linton Village College within its boundaries. Whilst it has a good public transport service it only benefits from a 20 minute frequency service in peak times and in one direction. It is located between Sawston and Haverhill.

Waterbeach does not meet the public transport test, despite the presence of the railway station. It has no village college, being served by Cottenham Village College which is not directly linked to by public transport. It does not have a wide range of shops and services in comparison with the larger villages, although it does score quite well for employment opportunities. It is located in the northern part of the district with Cottenham to the west and the closest Rural Centre is Histon & Impington. There are few smaller villages nearby, and it does not perform the role of a Rural Centre.

Melbourn is the largest village in the south west of the district. There is no Rural Centre nearby, but it is located near to Royston. It has Melbourn Village College within its boundaries and has a range of shops and facilities, but not on the scale of the larger villages in the district. It does not pass the test for having a good public transport service (the railway station at Meldreth is too far at over 1km from the village centre, and due to the frequency would not alter the result) but does score well for employment opportunities, given the presence of its Science Park.

Willingham does not have a secondary school or good public transport links to the nearest one. Neither does it pass the public transport service criteria or have good employment opportunities. Whilst it does not have the retail offering of the larger centres it does have a range of comparison shops. It is located in the north east part of the district with Cottenham, another Minor Rural Centre, to the west. The closest Rural Centre is currently Histon and Impington but it will also be located near Northstowe.

Gamlingay is on the western boundary of the district and the nearest large settlements are outside of the district at Bedford and St Neots. It has very limited public transport services to Cambridge. The village college is a middle school rather than full secondary school. It has a limited retail offering compared to the larger villages. It does perform the function of a Minor Rural Centre.

Papworth Everard currently has a population less than 3000 people, but existing planned development (Summersfield, Papworth West Central) will take the village well beyond that threshold over the next 5 years. However, it has no secondary school, and infrequent public transport. Whilst the new village centre (Pendril Court) provides a range of local services, it does not have the retail offering of other larger villages. It does however perform well against the employment criteria, with a large number of jobs in the area. Papworth lies between a number of smaller villages and the nearest Rural Centre, Cambourne, which is to the south east.

Conclusions regarding existing Minor Rural Centres

Cottenham in particular stands out, performing on a par with some of the existing Rural Centres. An option to explore through the Local Plan review will be whether it warrants a status higher than Minor Rural Centre.

Cottenham, Bar Hill, Linton, Melbourn and Gamlingay perform significantly better in the scoring process than the other existing Minor Rural Centres. They all perform a role in serving a wider rural hinterland of smaller villages, and warrant their status as the second tier of settlements, Minor Rural Centres.

Papworth Everard, Waterbeach and Willingham score significantly lower, primarily due to the lack of high quality public transport and the presence of a secondary school. The Local Plan review will need to consider whether they warrant continued status in the second tier, or should be reclassified.

Girton and Milton

Girton and Milton are unusual in that they have a population over 3000 people, but are not currently classified as Minor Rural Centres. Their location close to Cambridge means that they generally do not provide a focus for a wider rural hinterland. For this reason they have previously been classified as Group Villages.

Milton has a large Tesco Store on the edge of the village, but limited other retail and services compared to the other larger villages. It does not have a direct public transport service to Impington Village College. Public transport frequency does not meet the test, in particular there are no services at evenings / Sundays. It performs well against the employment criteria because it includes the Science Park within its catchment area.

Girton has good public transport services to Cambridge (although there is no evening service), but has no Village College and there is no direct public transport link to Impington Village College. Whilst it has a small supermarket its retail offering is limited compared with larger villages in the district.

Conclusions Regarding Girton and Milton

Girton and Milton compare favourably in terms of services and facilities with three of the Minor Rural Centres. An option for the Local Plan to explore is whether they should have a higher status than group village.

Villages between 2000 and 3000 Population

As detailed earlier, a review has been carried out of all the villages over 2000 population, in order to provide sensitivity testing and consider whether any warrant a higher status in the settlement hierarchy.

Bassingbourn has been assessed as a standalone settlement rather than as Bassingbourn–cum–Kneesworth, with an estimated population of 2,120 in 2010. Kneesworth has a population of 720, and in addition armed forces personnel on the Barracks amount to a further 1020 people. There is a clear gap between Kneesworth and Bassingbourn, with the centre of the two villages being around 1500 metres apart. Kneesworth has therefore been classified separately, as an Infill village. Bassingbourn has a secondary school and full time post office but a part time doctors' surgery and library. It has a limited range of shops and services. Its scale and level of service provision, and its location near to Royston, mean that it does not perform a Minor Rural Centre function, but it does have a better range of services than most Group villages.

Comberton has a Village College and a Doctors Surgery, but apart from that services and facilities are limited. It does not perform a Minor Rural Centre function, but it does have a better range of services than most Group villages.

Swavesey has a secondary school and a Doctors Surgery, but apart from that services and facilities are limited. It lies near Willingham Minor Rural Centre, and will be near Northstowe. It does not perform a Minor Rural Centre function, but it does have a better range of services than most Group villages.

Over has very little retail, and no supermarket. It has a doctors surgery, but no secondary school and a limited range of facilities with no post office. It is near to Willingham and Cottenham, and will be near to Northstowe.

Longstanton has very little retail or other services. It has a doctors surgery, and post office, but no secondary school and a limited range of facilities. It is near to Willingham, Cottenham, and Bar Hill, and will be near to Northstowe. The Guided Busway park and ride is nearby, but is over 1.5 km from the centre of the village.

Hardwick lies between Cambridge and Cambourne, has very little retail and services. It has no secondary school, doctors, library, and only a small local foodstore. It scores primarily due to being on a public transport corridor along St. Neots Road.

Teversham has limited services, facilities and public transport.

Conclusions Regarding Villages between 2000 and 3000 Population

Bassingbourn, Comberton and Swavesey have a distinctly different level of services from the other Group Villages, primarily due to the presence of a village college. They have a wider range of services than some existing Minor Rural Centres.

The Local Plan should consider whether they warrant an alternative status, as Minor Rural Centres, or a new category of Better Served Group Villages. As noted above, Girton and Milton could also fall into this category.

Longstanton, Over, Hardwick and Teversham do not have a village college, and have a limited offering in terms of services and facilities compared with larger villages. They do not merit a higher status on the basis of the scoring.

Impact of The Guided Bus

A key issue for consideration of settlement hierarchy is the completion of the Guided Busway between Cambridge and St.Ives. This provides a high frequency (10 minute) of service along the route. There are stops at Histon and Impington, Oakington, Longstanton Park and Ride, Swavesey, and Fen Drayton Lakes. A map illustrating accessibility to the Guided Busway has been included in appendix 7.

Fen Drayton is too small (population of 900), and too far from the stop at Fen Drayton lakes to warrant consideration for a higher status.

Oakington adjoins the busway, but has a population of only 1400, and limited services and facilities. It is also near to the site of the new town of Northstowe.

Longstanton and **Over** are reviewed above. Longstanton Park and Ride is around 1000m from both villages. In terms of access on foot this may limit its appeal, but the high level of public transport on offer makes it an attractive alternative for accessing Cambridge, particularly by cycle.

The Guided Busway stop is close to the northern edge of **Swavesey**, which could further emphasise the case for a higher status detailed above.

Conclusions Regarding Impact of The Guided Bus

The three larger villages of Oakington, Longstanton and Over lie relatively close to the Guided Busway. They are not generally in easy walking distance for much, or all, of the village, although they would be within cycling distance. They also do not perform well in terms of the level of services and facilities. It is therefore not considered that the villages warrant a higher status despite being near to the Guided Busway.

Chapter 4: Summary and Conclusions

Based on the assessment, the following categorisation of villages is proposed, and will be reflected in the Local Plan Issues and Options Report:

Rural Centres:

- Cambourne
- Great Shelford and Stapleford
- Histon and Impington
- Sawston
- Fulbourn (option for consultation – Continuation as Rural Centre, or downgrade to Rural Centre)
- Cottenham (option for consultation – Continuation as Minor Rural Centre, or upgrade to Rural Centre)

Minor Rural Centres

- Fulbourn (option for consultation – Continuation as Rural Centre, or downgrade to Rural Centre)
- Cottenham (option for consultation – Continuation as Minor Rural Centre, or upgrade to Rural Centre)
- Bar Hill
- Gamlingay
- Linton
- Melbourn
- Papworth Everard (option for consultation – Continuation as Minor Rural Centre, or downgrade to Better Served Group Village)
- Waterbeach (option for consultation – Continuation as Minor Rural Centre, or downgrade to Better Served Group Village)
- Willingham (option for consultation – Continuation as Minor Rural Centre, or downgrade to Better Served Group Village)

Better Served Group Villages (option for consultation – Continuation as Group Villages, new category 'Better Served Group Village')

- Bassingbourn
- Comberton
- Swavesey
- Girton
- Milton
- Papworth Everard (option for consultation – Continuation as Minor Rural Centre, or downgrade to Better Served Group Village)
- Waterbeach (option for consultation – Continuation as Minor Rural Centre, or downgrade to Better Served Group Village)
- Willingham (option for consultation – Continuation as Minor Rural Centre, or downgrade to Better Served Group Village)

The remainder of villages are categorised as either a Group or Infill village, depending on the presence of a Primary School.

A map illustrating the spatial distribution of centres based on the existing settlement hierarchy has been provided in appendix 8, and the alternative approach in appendix 9 (individual potential combinations have not been mapped).

It should be noted that further options regarding the scale of growth permitted at each level will be explored in the Local Plan Issues and Options Report.

Appendix 1 Core Strategy DPD Settlement Hierarchy

The District Council has adopted the Cambridge Sub-regional growth strategy in Policy ST/2 of the Council's adopted Core Strategy Development Plan Document (DPD) 2007.

'POLICY ST/2 Housing Provision

The District Council will make provision for 20,000 new homes in South Cambridgeshire during the period 1999 to 2016 in locations in the following order of preference:

- 1. On the edge of Cambridge**
- 2. At the new town of Northstowe**
- 3. In the rural areas in Rural Centres and other villages.**

The provision of affordable housing, including housing for Key Workers, will be sought as part of overall housing provision.'

The Core Strategy has amongst its objectives ones that support development within the district but in sustainable locations.

ST/a To provide an adequate and continuous supply of land for housing and employment, to meet strategic requirements, in sustainable locations.

ST/b To locate development where access to day-to-day needs for employment, shopping, education, recreation, and other services is available by public transport, walking and cycling thus reducing the need to travel, particularly by private car.

ST/e To protect the varied character of the villages of South Cambridgeshire by ensuring that the scale and location of development in each village is in keeping with its size, character and function and that the buildings and open spaces which create their character are maintained and where possible enhanced.

The adopted Core Strategy has policies to identify the rural settlement policy for the different levels of settlement from Rural Centres to Infill Villages within South Cambridgeshire (see Appendix D) and indicates the level of development that would be allowed within the village framework of each settlement.

Rural Centres - Policy ST/4 identifies 5 Rural Centres and the level of growth that will be permitted within the village frameworks of these villages.

- Cambourne
- Fulbourn
- Great Shelford and Stapleford
- Histon and Impington
- Sawston

Minor Rural Centres – Policy ST/5 identifies 8 Minor Rural Centres and the permitted levels of growth.

- Bar Hill
- Cottenham
- Gamlingay
- Linton
- Melbourn
- Papworth Everard
- Waterbeach
- Willingham

Group villages – Policy ST/6 identifies 37 Groups villages and the indicative number of houses that would be allowed in a new development within the village framework.

Balsham	Fen Drayton	Longstanton
Barrington	Fowlmere	Meldreth
Barton	Foxton	Milton
Bassingbourn	Girton	Oakington
Bourn	Great Abington	Orwell
Castle Camps	Great Wilbraham	Over
Comberton	Guilden Morden	Steeple Morden
Coton	Hardwick	Swavesey
Dry Drayton	Harston	Teversham
Duxford	Haslingfield	Thriplow
Elsworth	Hauxton	Whittlesford
Eltisley	Highfields Caldecote	
Fen Ditton	Little Abington	

Infill villages – Policy ST/7 identifies 55 Infill villages

Abington Pigotts	Heydon	Newton
Arrington	Hildersham	Pampisford
Babraham	Hinxton	Papworth St Agnes
Bartlow	Horningsea	Rampton
Boxworth	Horseheath	Shepreth
Carlton	Ickleton	Shingay-cum-Wendy
Caxton	Kingston	Shudy Camps
Childerley	Knapwell	Six Mile Bottom
Conington	Kneesworth	Stow-cum-Quy
Croxton	Landbeach	Tadlow
Croydon	Litlington	Toft
East Hatley	Little Chishill	Weston Colville
Grantchester	Little Eversden	Weston Green
Graveley	Little Gransden	West Wickham
Great Chishill	Little Shelford	West Wrattling
Great Eversden	Little Wilbraham	Whaddon
Harlton	Lolworth	Wimpole
Hatley St George	Longstowe	
Heathfield	Madingley	

Appendix 2: Detailed Results Table

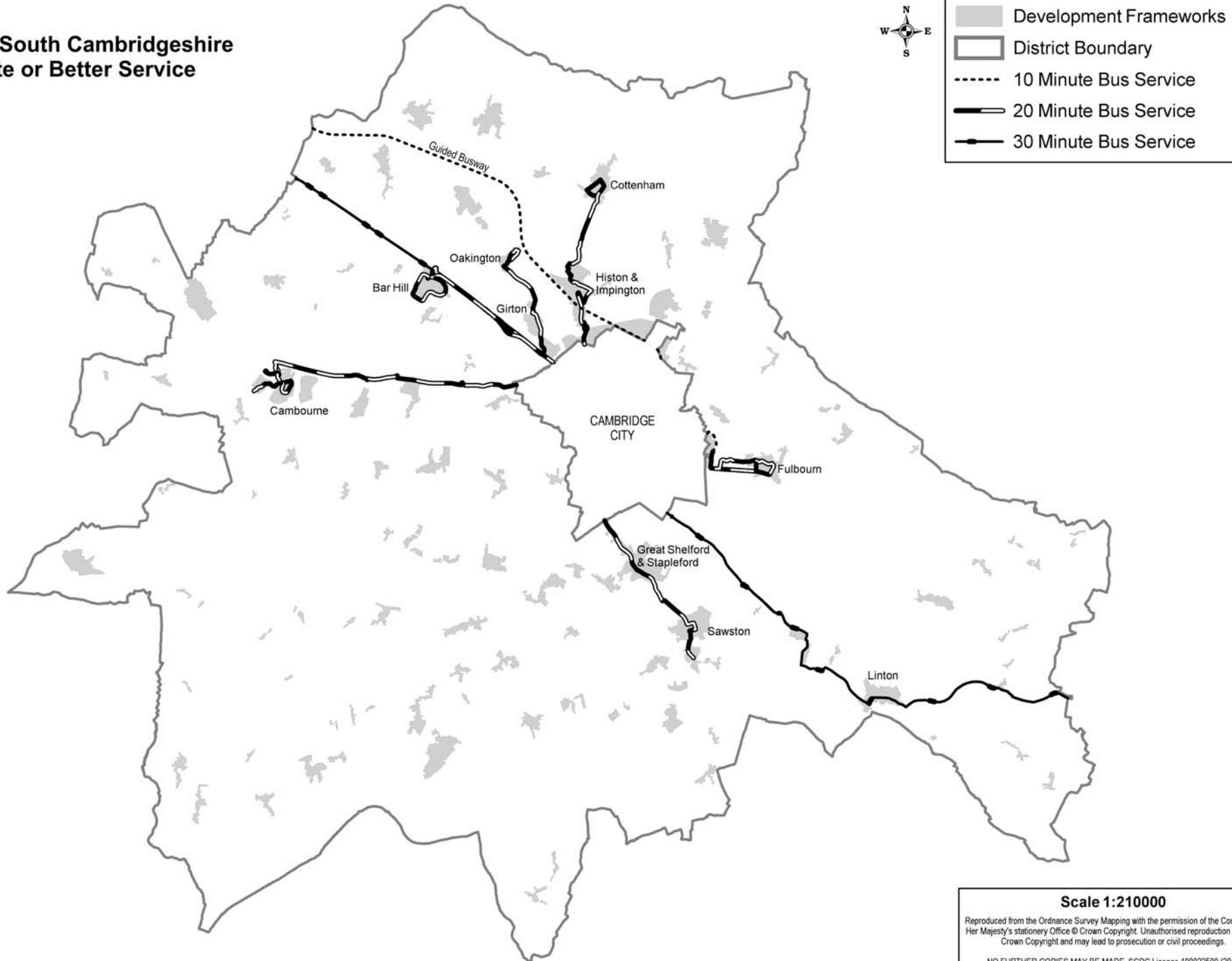
Settlement	Population	Transport		Secondary Education		Village Services & Facilities													Employment	SCORE	
	Mid-2010 Estimate	Public Transport Access to Cambridge (20 Minute Frequency)	Access to Guided Busway	Contains Secondary School	Direct Public Transport Access	ATM / Bank	Doctors		Library		Pharmacy	Post Office		Primary Sch.	Public House	Village Hall	Food Shopping over 1000m ² Net	Food Shopping 1000 to 300m ² Net	Range of other Shops & Services (From Village Facilities Study)		Workplace population: Employed Residents 2009 (WARD BASED)
							FT	PT	FT	PT		FT	PT								
Sawston	7150	✓		✓		✓	✓		✓		✓	✓		✓	✓	✓	✓		42	0.62	13
Histon & Impington	7700	✓	✓	✓		✓	✓		✓		✓			✓	✓	✓		✓	41	0.67	12
Cambourne	7060	✓		✓		✓	✓		✓		✓			✓	✓	✓			29	0.66	12
Great Shelford & Stapleford	5890	✓			✓	✓	✓		✓		✓			✓	✓	✓			34	0.63	10
Cottenham	6150	✓		✓		✓	✓		✓		✓			✓	✓	✓		✓	30	0.42	10
Fulbourn	3480	✓				✓	✓			✓	✓			✓	✓	✓		✓	23	1.23	8
Bar Hill	4080	✓				✓	✓			✓	✓			✓	✓	✓		✓	16	0.93	8
Linton	4470			✓		✓	✓			✓	✓			✓	✓	✓		✓	29	0.53	8
Melbourn	4630			✓		✓	✓			✓	✓			✓	✓	✓		✓	19	0.81	6
Gamlingay	3570			✓		✓	✓			✓	✓			✓	✓	✓		✓	16	0.34	5
Milton	4310					✓	✓				✓	✓		✓	✓	✓		✓	18	3.18	5
Swavesey	2610		✓	✓			✓				✓			✓	✓	✓			18	0.85	4
Bassingbourn	2130			✓		✓		✓		✓	✓			✓	✓	✓			6	0.41	4
Girton	4270	✓				✓	✓				✓			✓	✓	✓			13	0.4	4
Comberton	2360			✓			✓				✓			✓	✓	✓			12	0.27	4
Hardwick	2710	✓									✓			✓	✓				13	0.22	3
Papworth Everard	2770					✓	✓			✓	✓			✓		✓			16	1.11	3
Willingham	4040					✓	✓			✓	✓			✓	✓	✓		✓	17	0.26	3
Oakington	1410	✓	✓			✓					✓			✓	✓				13	0.42	3
Waterbeach	4610						✓			✓	✓			✓	✓	✓			12	0.8	2
Longstanton	2540		✓			✓		✓			✓			✓	✓	✓			7	0.56	2
Over	2840		✓				✓							✓	✓	✓			3	0.26	0
Teversham	2700													✓	✓				6	0.34	0

Note - Cambourne awarded a tick for secondary school due to planned development

Employment - ward-level data for calculating this ratio was extracted from the 2001 Census results, each ward can contain a number of villages (see report for further details)

Rural Centre (Existing) **Minor Rural Centre (Existing)** **Group Village (Option for Category Change)** **Group Village (tested selection*)** * Group villages tested with a population greater than 2000. Oakington tested due to proximity to guided busway. See document for more details.

**Appendix 3:
Bus Routes in South Cambridgeshire
with a 30 Minute or Better Service**



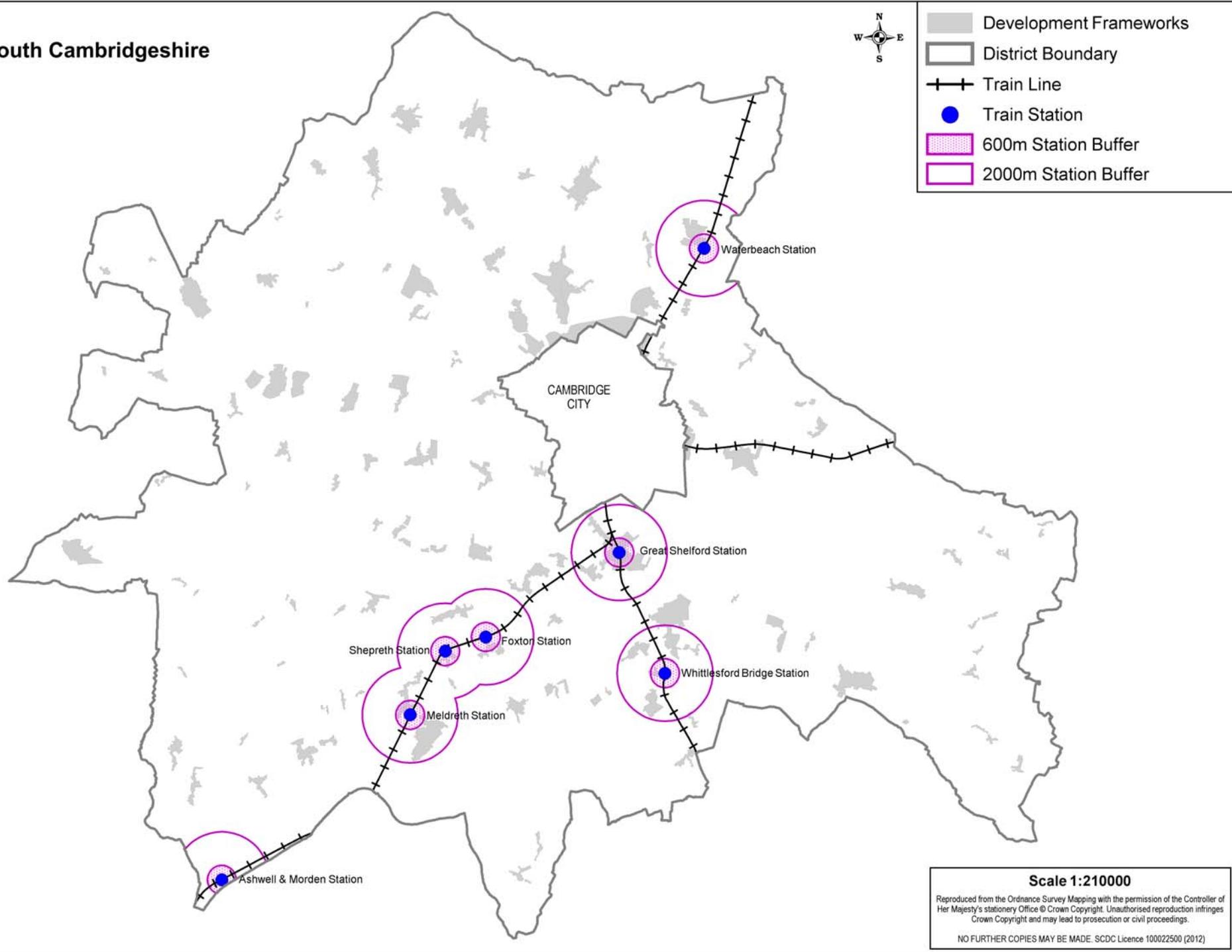
- Development Frameworks
- District Boundary
- 10 Minute Bus Service
- 20 Minute Bus Service
- 30 Minute Bus Service

Scale 1:210000

Reproduced from the Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings.

NO FURTHER COPIES MAY BE MADE. SCDC Licence 100022500 (2012)

Appendix 4: Rail Links in South Cambridgeshire



Scale 1:210000
Reproduced from the Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings.
NO FURTHER COPIES MAY BE MADE. SCDC Licence 10002500 (2012)

Appendix 5: Summary of Public Transport Services

BUS SERVICE TO CAMBRIDGE OR MARKET TOWN (best served). See *Services & Facilities Study* for more details.

TIMETABLES VALID AT 07/07/2011

20 Minute 30 Minute Hourly 2 Hours 5 or Fewer No Service

	Village	Destination	Key Service	Monday - Friday				Saturday				Sunday
				7:00 - 9:30	9:30 - 16:30	16:30 - 19:00	19:00 - 23:00	7:00 - 9:30	9:30 - 16:30	16:30 - 19:00	19:00 - 23:00	9:00 - 18:00
Rural Centre	Cambourne	to Cambridge from Cambridge	Citi 4	20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	Hourly
				20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	Hourly
	Fulbourn	to Cambridge from Cambridge	Citi 1	20 Minute	20 Minute	20 Minute	30 Minute	20 Minute	20 Minute	20 Minute	30 Minute	30 Minute
				20 Minute	20 Minute	20 Minute	30 Minute	20 Minute	20 Minute	20 Minute	30 Minute	30 Minute
	Great Shelford & Stapleford	to Cambridge from Cambridge	Citi 7	20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	30 Minute
20 Minute				20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	30 Minute	
Histon & Impington	to Cambridge from Cambridge	Citi 8	20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	30 Minute	
			20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	30 Minute	
Sawston	to Cambridge from Cambridge	Citi 7	20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	30 Minute	
			20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	30 Minute	

	Village	Destination	Key Service	Monday - Friday				Saturday				Sunday
				7:00 - 9:30	9:30 - 16:30	16:30 - 19:00	19:00 - 23:00	7:00 - 9:30	9:30 - 16:30	16:30 - 19:00	19:00 - 23:00	9:00 - 18:00
Minor Rural Centre	Bar Hill	to Cambridge from Cambridge	Citi 5	20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	Hourly
				20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	Hourly
	Cottenham	to Cambridge from Cambridge	Citi 8	20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	30 Minute
				20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	30 Minute
	Gamlingay	to St. Neots from St. Neots	28	No Service	2 Buses	No Service	No Service	No Service	No Service	1 Bus	No Service	No Service
				No Service	4 Buses	1 Bus	No Service	No Service	3 Buses	1 Bus	No Service	No Service
	Linton	to Cambridge from Cambridge to Haverhill from Haverhill	13/A/B/ X13	20 Minute	30 Minute	30 Min-Hourly	Hourly	30 Minute	30 Minute	30 Min-Hourly	Hourly	Hourly
				30 Minute	30 Minute	15-30 Minute	Hourly	30 Minute	30 Minute	30 Minute	Hourly	Hourly
				30 Minute	30 Minute	15-30 Minute	Hourly	2 Buses	30 Minute	30 Minute	Hourly	Hourly
				30 Minute	30 Minute	30 Min-Hourly	No Service	30 Minute	30 Minute	30 Min-Hourly	No Service	Hourly
Melbourn	to Cambridge from Cambridge to Royston from Royston	26	2 Buses	Hourly	2 Buses	No Service	3 Buses	Hourly	2 Buses	No Service	No Service	
			1 Bus	Hourly	Hourly	No Service	1 Bus	Hourly	Hourly	No Service	No Service	
			1 Bus	Hourly	2 Buses	1 Bus	1 Bus	Hourly	2 Buses	1 Bus	No Service	
			1 Bus	Hourly	No Service	No Service	1 Bus	Hourly	No Service	No Service	No Service	
Papworth Everard	to Cambridge from Cambridge to Huntingdon from Huntingdon	1 3	2 Buses	2 Hours	1 Bus	No Service	2 Buses	2 Hours	1 Bus	No Service	No Service	
			2 Buses	2 Hours	2 Buses	No Service	1 Bus	2 Hours	2 Buses	No Service	No Service	
			No Service	2 Buses	No Service	No Service	1 Bus	1 Bus	No Service	No Service	No Service	
							No Service	2 Hours	No Service	No Service		

	Village	Destination	Key Service	Monday - Friday				Saturday				Sunday
				7:00 - 9:30	9:30 - 16:30	16:30 - 19:00	19:00 - 23:00	7:00 - 9:30	9:30 - 16:30	16:30 - 19:00	19:00 - 23:00	9:00 - 18:00
Minor Rural Centre	Waterbeach	to Cambridge	9	30 Minute	Hourly	2 Buses	No Service	30 Minute	Hourly	2 Buses	No Service	No Service
		from Cambridge		Hourly	Hourly	30 Minute	No Service	Hourly	Hourly	30 Minute	No Service	No Service
		to Ely		Hourly	Hourly	30 Minute	No Service	Hourly	Hourly	30 Minute	No Service	No Service
		from Ely		30 Minute	Hourly	1 Bus	No Service	30 Minute	Hourly	1 Bus	No Service	No Service
	Willingham	to Cambridge	Citi 5	Hourly	Hourly	Hourly	No Service	Hourly	Hourly	Hourly	No Service	No Service
		from Cambridge		Hourly	Hourly	Hourly	No Service	Hourly	Hourly	Hourly	No Service	No Service

	Village	Destination	Key Service	Monday - Friday				Saturday				Sunday
				7:00 - 9:30	9:30 - 16:30	16:30 - 19:00	19:00 - 23:00	7:00 - 9:30	9:30 - 16:30	16:30 - 19:00	19:00 - 23:00	9:00 - 18:00
Group Villages	Bassingbourn	to Royston	127	1 Bus	2 Hours	No Service	No Service	1 Bus	2 Hours	No Service	No Service	No Service
		from Royston		1 Bus	3 Buses	2 Buses	No Service	1 Bus	3 Buses	2 Buses	No Service	No Service
	Comberton	to Cambridge	18 / 18A	3 Buses	Hourly	Hourly	No Service	3 Buses	Hourly	Hourly	No Service	No Service
		from Cambridge		2 Buses	Hourly	1 Bus	No Service	2 Buses	Hourly	1 Bus	No Service	No Service
	Girton	to Cambridge	Citi 6	20 Minute	20 Minute	20 Minute	No Service	20 Minute	20 Minute	20 Minute	No Service	Hourly
		from Cambridge		20 Minute	20 Minute	20 Minute	No Service	20 Minute	20 Minute	20 Minute	No Service	Hourly
	Hardwick	to Cambridge	Citi 4	20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	Hourly
		from Cambridge		20 Minute	20 Minute	20 Minute	Hourly	20 Minute	20 Minute	20 Minute	Hourly	Hourly
	Longstanton	to Cambridge	Citi 5	Hourly	Hourly	1 Bus	No Service	Hourly	Hourly	1 Bus	No Service	No Service
		from Cambridge		Hourly	Hourly	Hourly	No Service	Hourly	Hourly	Hourly	No Service	No Service
Milton	to Cambridge	9	30 Minute	30 Minute	Hourly	No Service	30 Minute	30 Minute	Hourly	No Service	No Service	
	from Cambridge		30 Minute	30 Minute	30 Minute	No Service	30 Minute	30 Minute	30 Minute	No Service	No Service	
Oakington	to Cambridge	Citi 6	20 Minute	20 Minute	20 Minute	No Service	20 Minute	20 Minute	20 Minute	No Service	Hourly	
	from Cambridge		20 Minute	20 Minute	20 Minute	No Service	20 Minute	20 Minute	20 Minute	No Service	Hourly	
Over	to Cambridge	Citi 5	Hourly	Hourly	1 Bus	No Service	Hourly	Hourly	1 Bus	No Service	No Service	
	from Cambridge		Hourly	Hourly	Hourly	No Service	Hourly	Hourly	Hourly	No Service	No Service	
Swavesey	to Cambridge	Citi 5	Hourly	Hourly	1 Bus	No Service	Hourly	Hourly	1 Bus	No Service	No Service	
	from Cambridge		2 Buses	Hourly	Hourly	No Service	2 Buses	Hourly	Hourly	No Service	No Service	
Teversham	to Cambridge	16 / 17	2 Buses	Hourly	2 Buses	No Service	2 Buses	Hourly	2 Buses	No Service	No Service	
	from Cambridge		1 Bus	Hourly	2 Buses	No Service	1 Bus	Hourly	2 Buses	No Service	No Service	

GUIDED BUSWAY SERVICE

TIMETABLES VALID AT Nov-11

ROUTE C - Somersham to & From St. Ives / Cambridge



Bus Stop	Destination	Monday - Friday				Saturday				Sunday
		7:00 - 9:30	9:30 - 16:30	16:30 - 19:00	19:00 - 23:00	7:00 - 9:30	9:30 - 16:30	16:30 - 19:00	19:00 - 23:00	9:00 - 18:00
Fen Drayton Lakes	to Cambridge	20 min-Hourly	Hourly	1 Bus	No Service	20 min-Hourly	Hourly	1 Bus	No Service	2 Hours
	to St. Ives	2 Buses	Hourly	Hourly	1 Bus	1 Bus	Hourly	Hourly	1 Bus	2 Hours
	(park & ride stop)	2 Buses	Hourly	Hourly	1 Bus	1 Bus	Hourly	Hourly	1 Bus	2 Hours
	from Cambridge	2 Buses	Hourly	Hourly	No Service	1 Bus	Hourly	Hourly	No Service	2 Hours
	from St. Ives	2 Buses	Hourly	2 Buses	No Service	2 Buses	Hourly	2 Buses	No Service	2 Hours
(park & ride stop)	20 min-Hourly	Hourly	1 Bus	No Service	20 min-Hourly	Hourly	1 Bus	No Service	2 Hours	
Swavesey	to Cambridge	20 min-Hourly	Hourly	1 Bus	No Service	20 min-Hourly	Hourly	1 Bus	No Service	2 Hours
	to St. Ives	2 Buses	Hourly	Hourly	1 Bus	1 Bus	Hourly	Hourly	1 Bus	2 Hours
	(park & ride stop)	2 Buses	Hourly	Hourly	1 Bus	1 Bus	Hourly	Hourly	1 Bus	2 Hours
	from Cambridge	2 Buses	Hourly	Hourly	No Service	1 Bus	Hourly	Hourly	No Service	2 Hours
	from St. Ives	2 Buses	Hourly	2 Buses	No Service	2 Buses	Hourly	2 Buses	No Service	2 Hours
(park & ride stop)	20 min-Hourly	Hourly	1 Bus	No Service	20 min-Hourly	Hourly	1 Bus	No Service	2 Hours	
Longstanton	to Cambridge	20 min-Hourly	Hourly	1 Bus	No Service	20 min-Hourly	Hourly	1 Bus	No Service	2 Hours
	to St. Ives	2 Buses	Hourly	Hourly	1 Bus	1 Bus	Hourly	Hourly	1 Bus	2 Hours
	(park & ride stop)	2 Buses	Hourly	Hourly	1 Bus	1 Bus	Hourly	Hourly	1 Bus	2 Hours
	from Cambridge	2 Buses	Hourly	Hourly	No Service	1 Bus	Hourly	Hourly	No Service	2 Hours
	from St. Ives	2 Buses	Hourly	2 Buses	No Service	2 Buses	Hourly	2 Buses	No Service	2 Hours
(park & ride stop)	20 min-Hourly	Hourly	1 Bus	No Service	20 min-Hourly	Hourly	1 Bus	No Service	2 Hours	
Oakington	to Cambridge	20 min-Hourly	Hourly	1 Bus	No Service	20 min-Hourly	Hourly	1 Bus	No Service	2 Hours
	to St. Ives	2 Buses	Hourly	Hourly	1 Bus	1 Bus	Hourly	Hourly	1 Bus	2 Hours
	(park & ride stop)	2 Buses	Hourly	Hourly	1 Bus	1 Bus	Hourly	Hourly	1 Bus	2 Hours
	from Cambridge	2 Buses	Hourly	Hourly	No Service	1 Bus	Hourly	Hourly	No Service	2 Hours
	from St. Ives	2 Buses	Hourly	2 Buses	No Service	2 Buses	Hourly	2 Buses	No Service	2 Hours
(park & ride stop)	20 min-Hourly	Hourly	1 Bus	No Service	20 min-Hourly	Hourly	1 Bus	No Service	2 Hours	
Histon & Impington	to Cambridge	20 min-Hourly	Hourly	1 Bus	No Service	20 min-Hourly	Hourly	1 Bus	No Service	2 Hours
	to St. Ives	2 Buses	Hourly	Hourly	1 Bus	1 Bus	Hourly	Hourly	1 Bus	2 Hours
	(park & ride stop)	2 Buses	Hourly	Hourly	1 Bus	1 Bus	Hourly	Hourly	1 Bus	2 Hours
	from Cambridge	2 Buses	Hourly	Hourly	No Service	1 Bus	Hourly	Hourly	No Service	2 Hours
	from St. Ives	2 Buses	Hourly	2 Buses	No Service	2 Buses	Hourly	2 Buses	No Service	2 Hours
(park & ride stop)	20 min-Hourly	Hourly	1 Bus	No Service	20 min-Hourly	Hourly	1 Bus	No Service	2 Hours	

TRAIN SERVICE

TIMETABLES VALID AT NOV-11

20 Minute
30 Minute
Hourly
2 Hours
5 or Fewer
No Service

Train Station	Destination	Monday - Friday				Saturday				Sunday
		7:00 - 9:30	9:30 - 16:30	16:30 - 19:00	19:00 - 23:00	7:00 - 9:30	9:30 - 16:30	16:30 - 19:00	19:00 - 23:00	9:00 - 18:00
Foxton	to Cambridge	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	2 Trains	Hourly	Hourly
	from Cambridge	30 Minute	Hourly	30 Minute	30 Minute	2 Trains	Hourly	Hourly	Hourly	Hourly
	to Royston	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	Hourly	Hourly	Hourly
	from Royston	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	Hourly	Hourly	Hourly
Great Shelford	to Cambridge	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	2 Trains	Hourly	Hourly
	to St. Ives	30 Minute	Hourly	30 Minute	30 Minute	2 Trains	Hourly	Hourly	Hourly	Hourly
	to Bishop Stortford	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	Hourly	Hourly	Hourly
	from Bishop Stortford	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	Hourly	Hourly	Hourly
Meldreth	to Cambridge	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	2 Trains	Hourly	Hourly
	from Cambridge	30 Minute	Hourly	30 Minute	30 Minute	2 Trains	Hourly	Hourly	Hourly	Hourly
	to Royston	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	Hourly	Hourly	Hourly
	from Royston	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	Hourly	Hourly	Hourly
Shepreth	to Cambridge	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	2 Trains	Hourly	Hourly
	from Cambridge	30 Minute	Hourly	30 Minute	30 Minute	2 Trains	Hourly	Hourly	Hourly	Hourly
	to Royston	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	Hourly	Hourly	Hourly
	from Royston	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	Hourly	Hourly	Hourly
Waterbeach	to Cambridge	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	2 Trains	Hourly	Hourly
	from Cambridge	30 Minute	Hourly	30 Minute	30 Minute	2 Trains	Hourly	Hourly	Hourly	Hourly
	to Ely	30 Minute	Hourly	30 Minute	30 Minute	2 Trains	Hourly	Hourly	Hourly	Hourly
	from Ely	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	1 Train	Hourly	Hourly
Whittlesford Bridge	to Cambridge	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	2 Trains	Hourly	Hourly
	to St. Ives	30 Minute	Hourly	30 Minute	30 Minute	2 Trains	Hourly	Hourly	Hourly	Hourly
	to Bishop Stortford	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	Hourly	Hourly	Hourly
	from Bishop Stortford	30 Minute	Hourly	30 Minute	30 Minute	Hourly	Hourly	Hourly	Hourly	Hourly

Appendix 6 – Floorspace of food retailers by village

Data from the Valuation Office Agency (2010), gross & net floor space figure.

Village	Total Gross Area of Food Retail Floor Space (sqm)	Total Net Area of Food Retail Floor Space (sqm)
Bar Hill	12000 *	9392 **
Cambourne	6100	2992 ***
Milton	6386	2452 **
Sawston	1779	1072 ***
Great Shelford & Stapleford	1701	1029
Histon & Impington	923	549
Willingham	671	536
Fulbourn	618	503
Cottenham	619	499
Melbourn	767	384
Linton	503	314
Gamlingay	503	304
Papworth Everard	363	283
Girton	288	273
Waterbeach	378	255
Bassingbourn	303	242
Comberton	269	179
Hardwick	184	135
Swavesey	144	93

* - Figure calculated through GIS measuring of Tesco building footprint.

** - Includes figure taken from Retail Study 2008

*** - Includes figure taken from North West Cambridge Retail Study 2011

Name	Village	Total Area sqm (Gross)	Total Area sqm (Net)	Use (for descriptive purposes only)	Full Address
Tesco Supermarket	Bar Hill	12000 (GIS Footprint)	9392	Superstore	Tesco Supermarket, 15-18 Viking Way, Bar Hill, Cambridge, CB23 8EL
SPAR	Bassingbourn	266	222	Supermarket	SPAR, 41-43 High Street, Bassingbourn, Royston, SG8 5LD
Lindsay's Bakery	Bassingbourn	37	20	Bakery	Lindsay's Bakery, 26 High Street, Bassingbourn, Royston, SG8 5NE
Morrisons	Cambourne	6100	2992 (NWC Retail Study 2011)	Superstore	Morrisons, Broad Street, Cambourne, Cambridge, CB23 6EY
SPAR / Comberton Post Office	Comberton	151	133	Local Supermarket and Post Office	SPAR / Comberton Post Office, 12 Barton Road, Comberton, Cambridge, CB23 7BP

Catlin and Sons	Comberton	117	46	Butchers	Catlin and Sons, 10 South Street, Comberton, Cambridge, CB23 7DZ
CO-OP	Cottenham	245	233	Supermarket	CO-OP, 273 High Street, Cottenham, Cambridge, CB24 8QP
One-Stop	Cottenham	100	76	Local Supermarket	One-Stop, 288 High Street, Cottenham, Cambridge, CB24 8TX
Shaun's Newsagent	Cottenham	88	75	Newsagent	Shaun's Newsagent, 145 High Street, Cottenham, Cambridge, CB24 8SD
Wards	Cottenham	47	47	Fruit and Veg.	Wards, 216a High Street, Cottenham, Cambridge, CB24 8RZ
Barkers Bakery	Cottenham	42	42	Bakery	Barkers Bakery, 234 High Street, Cottenham, Cambridge, CB24 8RZ
S.S. Gawthroup & Sons	Cottenham	98	26	Butchers	S.S. Gawthroup & Sons, 283-287 High Street, Cottenham, Cambridge, CB24 8QP
CO-OP Foodstore	Fulbourn	429	383	Supermarket	CO-OP Foodstore, 11 High Street, Fulbourn, Cambridge, CB21 5DH
Michael Beaumont	Fulbourn	66	61	Butchers	Michael Beaumont, 15 High Street, Fulbourn, Cambridge, CB21 5DH
R. Wombwell	Fulbourn	123	59	Fruit and Veg.	R. Wombwell, 3 Aphorpe Street, Fulbourn, Cambridge, CB21 5DH
Gamlingay CO-OP	Gamlingay	211	142	Supermarket	Gamlingay CO- OP, 32 Church Street, Gamlingay, Sandy, SG19 3JH
Londis Store	Gamlingay	81	72	Local Store	Londis Store, 1 The Cross, Mill Street, Gamlingay, Sandy, SG19 3JW
Knibbs of Gamlingay	Gamlingay	123	46	Butchers	Knibbs of Gamlingay, 36 Church Street, Gamlingay, Sandy, SG19 3JH
Lindsay's Bakery	Gamlingay	89	44	Bakery	Lindsay's Bakery, 7 Mill Street, Gamlingay, Sandy, SG19 3JW
CO-OP	Girton	178	173	Local Supermarket	CO-OP, 120 Girton Road, Girton, Cambridge, CB3 0LW

Girton Post Office	Girton	67	57	Local Store	Girton Post Office, Dodford Lane, Girton, Cambridge, CB3 0QE
The Times	Girton	43	43	Newsagent	The Times, 4 Thornton Way, Girton, Cambridge, CB3 0NJ
Tesco Express Supermarket	Great Shelford	497	238	Supermarket	Wollards Lane, Great Shelford, CB22 5LZ
CO-OP Local	Great Shelford	219	160	Supermarket	CO-OP Local, 76 High Street, Great Shelford, Cambridge, CB22 5EH
Shelford Delicatessen	Great Shelford	192	138	Delicatessen	Shelford Delicatessen, 8 Woollards Lane, Great Shelford, Cambridge, CB22 5LZ
Tony's	Great Shelford	121	112	Fruit and Veg.	Tony's, 49 Woollards Lane, Great Shelford, Cambridge, CB22 5LZ
McCall's	Great Shelford	216	111	Local Supermarket	McCall's, 46 Woollards Lane, Great Shelford, Cambridge, CB22 5LZ
KASH	Great Shelford	92	92	Local Store	KASH, 33 Hinton Way, Great Shelford, Cambridge, CB22 5AX
Barker Bros.	Great Shelford	207	63	Butchers	Barker Bros., 43 High Street, Great Shelford, Cambridge, CB22 5EH
Day's Bakery	Great Shelford	57	45	Bakery / Coffee Shop	Day's Bakery, 26 Woollards Lane, Great Shelford, Cambridge, CB22 5LZ
Hardwick Post Office & Stores	Hardwick	184	135	Local Supermarket	Hardwick Post Office & Stores, 99 Cambridge Road, Hardwick, Cambridge, CB23 7QG
Tesco Express Supermarket	Histon	397	240	Supermarket	Tesco Express Supermarket, 30 High Street, Histon, Cambridge, CB24 9JD
Barker's Bakery	Histon	113	85	Bakery	Barker's Bakery, 10 High Street, Histon, Cambridge, CB24 9JD
CO-OP	Histon	182	67	Local Supermarket	CO-OP, 1 Station Road, Histon, Cambridge, CB24 9LQ
Robinson's	Histon	69	23	Butchers	Robinson's, 1 Narrow Lane, Histon, Cambridge, CB24 9HD

Mace	Impington	92	73	Local Store	Mace, 1 Cambridge Road, Impington, Cambridge, CB24 9NU
Best One Store	Impington	70	60	Local Store	Best One Store, 157 Station Road, Impington, Cambridge, CB24 9NP
CO-OP	Linton	305	182	Supermarket	CO-OP, 104-106 High Street, Linton, Cambridge, CB21 4HT
Sweet Talk News	Linton	101	59	Newsagent	Sweet Talk News, 77 High Street, Linton, Cambridge, CB21 4HS
Hale and Jacobs	Linton	70	45	Newsagent	Hale and Jacobs, 10 Bartlow Road, Linton, Cambridge, CB21 4LY
North's Bakery	Linton	28	28	Bakery	North's Bakery, 41 High Street, Linton, Cambridge, CB21 4HS
CO-OP	Melbourn	226	174	Supermarket	CO-OP, 71 High Street, Melbourn, Royston, SG8 6DU
Spar	Melbourn	178	150	Local Supermarket	Spar, 49 High Street, Melbourn, Royston, SG8 6DZ
C.A. Leech and Son	Melbourn	363	60	Butchers	C.A. Leech and Son, 1 Station Road, Melbourn, Royston, SG8 6DX
Tesco Stores Ltd	Milton	6229	2327 (Retail Study 2008)	Superstore	Tesco Stores Ltd, Cambridge Road, Milton, Cambridge, CB24 6AY
One Stop Shop	Milton	137	107	Local Supermarket	One Stop Shop, 4 High Street, Milton, Cambridge, CB24 6AJ
The Roll Inn	Milton	20	18	Bakery & Sandwich Bar	The Roll Inn, 8a High Street, Milton, Cambridge, CB24 6AJ
Lower Pendril Court	Papworth Everard	363	283	Supermarket	Lower Pendril Court, Ermine Street North, Papworth Everard, Cambridge, CB23 3UY
Gravelles / Budgens	Sawston	1228	690 (NWC Retail Study 2011)	Supermarket	Gravelles / Budgens, 31 High Street, Sawston, Cambridge, CB22 3BG
Select & Save	Sawston	179	125	Local Supermarket	Select & Save, 52 High Street, Sawston, Cambridge, CB22 3BG
Londis	Sawston	130	105	Local Supermarket	Londis, 9 Falkner Road, Sawston, Cambridge, CB22 3JX

North's Bakery	Sawston	115	87	Bakery	North's Bakery, 67 High Street, Sawston, Cambridge, CB22 3BG
B. Searle & Sons	Sawston	89	34	Butchers	B. Searle & Sons, 58 High Street, Sawston, Cambridge, CB22 3BG
Greengrocers	Sawston	38	31	Fruit and Veg.	Greengrocers, 34 High Street, Sawston, Cambridge, CB22 3BG
SPAR	Stapleford	99	71	Local Store	SPAR, 67 London Road, Stapleford, Cambridge, CB22 5DG
Cost Cutters	Swavesey	100	60	Local Supermarket	Cost Cutters, 78 - 80 Middle Watch, Swavesey, Cambridge, CB24 4RW
Swavesey Newsagents	Swavesey	45	33	Local Store	Swavesey Newsagents, 3 Market Place, Swavesey, Cambridge, CB24 4QG
Dillons	Waterbeach	152	109	Local Supermarket	Dillons, 14 Green Side, Waterbeach, Cambridge, CB25 9HP
Waterbeach Village Stores	Waterbeach	113	75	Local Supermarket	Waterbeach Village Stores, 9 Chapel Street, Waterbeach, Cambridge, CB25 9HR
North's	Waterbeach	45	38	Bakery	North's, 17 High Street, Waterbeach, Cambridge, CB25 9JU
Phillip Bull	Waterbeach	67	33	Butchers	Phillip Bull, 13 High Street, Waterbeach, Cambridge, CB25 9JU
Whittlesford Village Store	Whittlesford	87	78	Local Store	Whittlesford Village Store, 1a High Street, Whittlesford, Cambridge, CB22 4LT

Appendix 7: Accessibility to Guided Busway

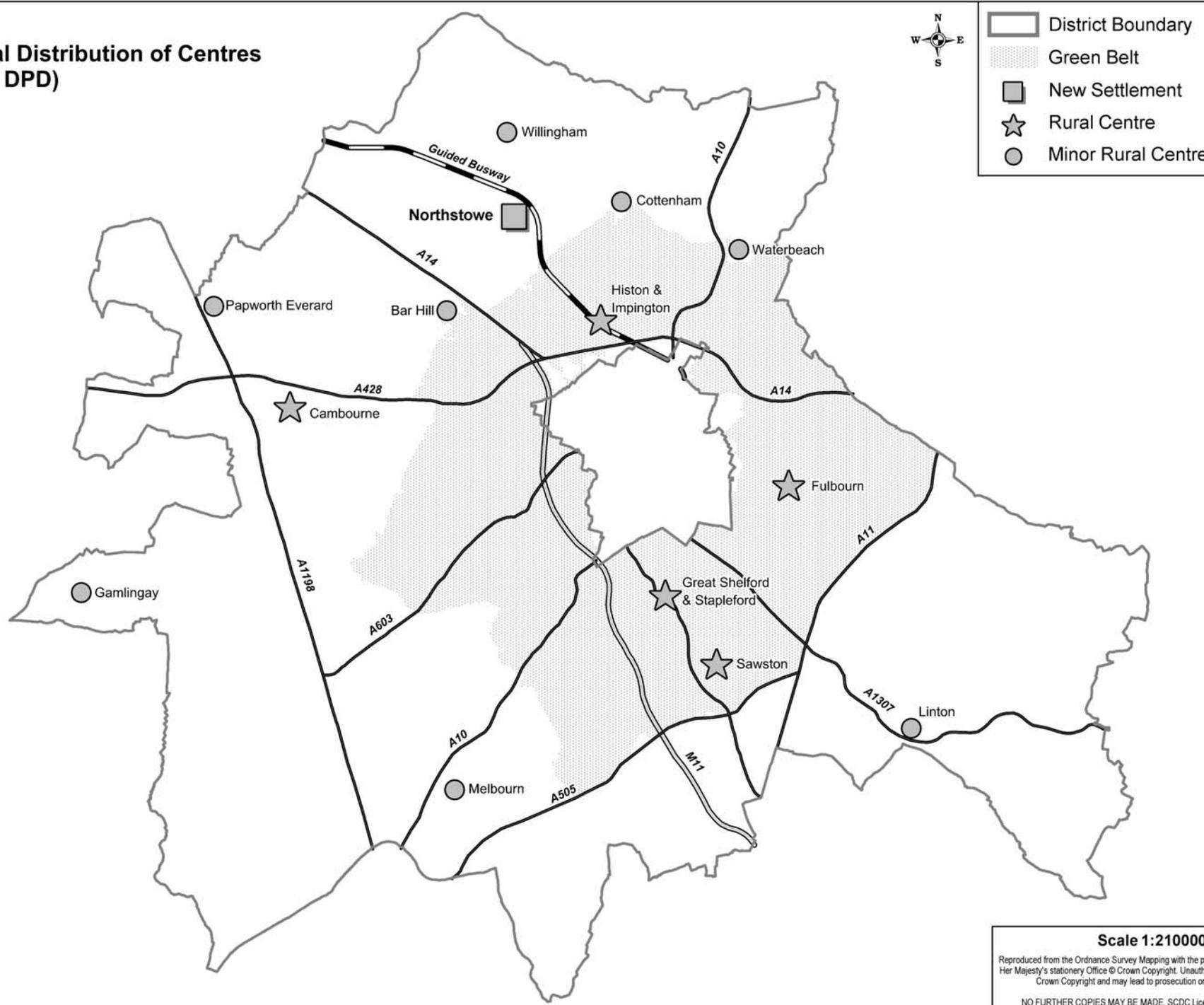


- Development Frameworks
- District Boundary
- Guided Busway
- Guided Busway Stops
- 600m Station Buffer
- 2000m Station Buffer



Scale 1:75000
 Reproduced from the Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings.
 NO FURTHER COPIES MAY BE MADE. SCDC Licence 100022500 (2012)

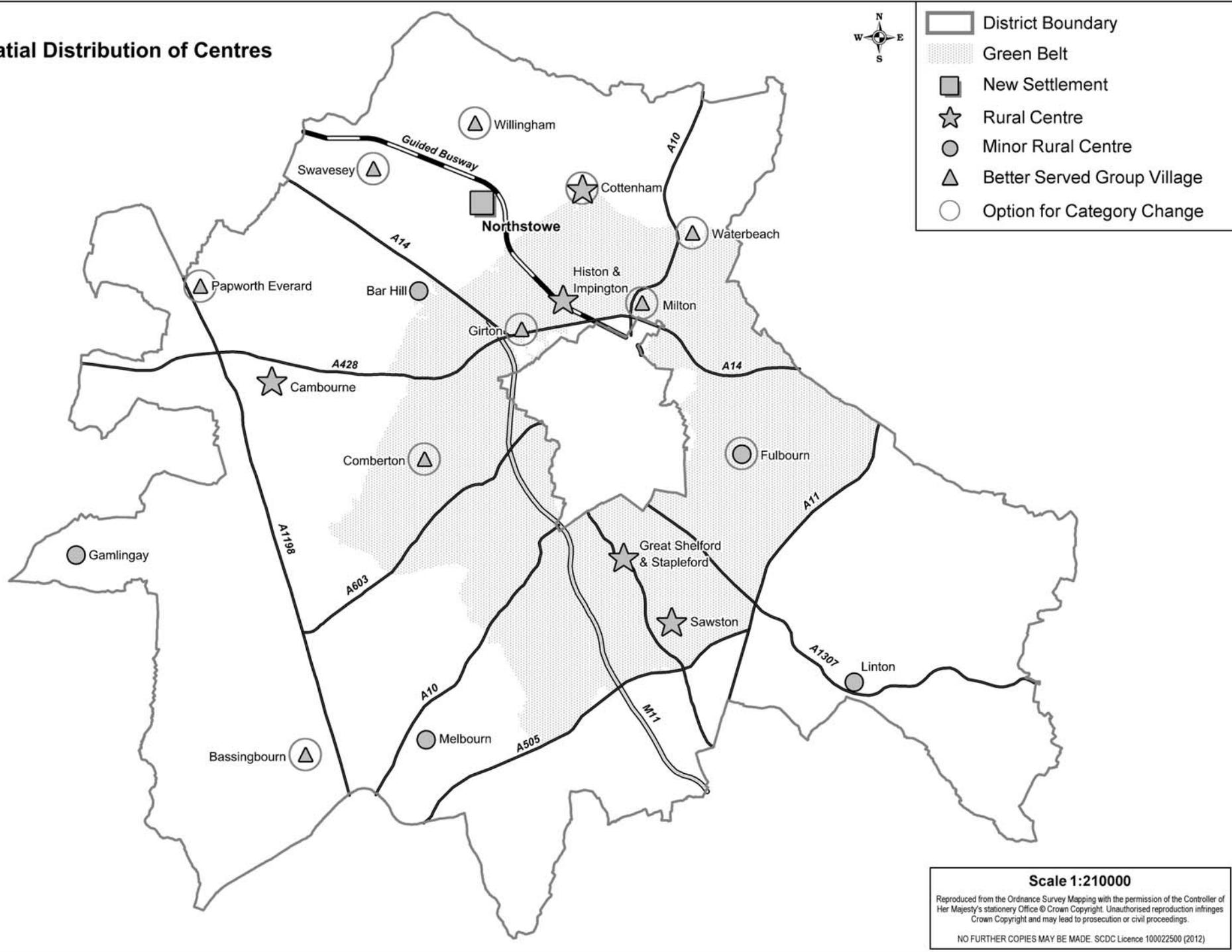
**Appendix 8:
Existing Spatial Distribution of Centres
(Core Strategy DPD)**



-  District Boundary
-  Green Belt
-  New Settlement
-  Rural Centre
-  Minor Rural Centre

Scale 1:210000
 Reproduced from the Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings.
 NO FURTHER COPIES MAY BE MADE. SCDC Licence 10002500 (2012)

Appendix 9: Alternative Spatial Distribution of Centres



Legend

- District Boundary
- Green Belt
- New Settlement
- Rural Centre
- Minor Rural Centre
- Better Served Group Village
- Option for Category Change



Scale 1:210000

Reproduced from the Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings.

NO FURTHER COPIES MAY BE MADE. SCDC Licence 10002500 (2012)