

GLEESON HOMES AND REGENERATION

BLYTHE STREET, WOMBWELL

TRANSPORT STATEMENT

WESTGATE CONSULTING (LEEDS) LIMITED
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GUISELEY
LEEDS
LS20 8HJ

Ref: Job No 49 v2

Date: SEP 2015

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1.0 INTRODUCTION AND BACKGROUND INFORMATION

- 1.1 Westgate Consulting (Leeds) has been commissioned by Gleeson Homes and Regeneration to prepare a Transport Statement in support of a detailed planning application to develop a plot of land located off Blythe Street, Wombwell for some 43 dwellings. The site, which was the former Highfield Grange Residential Care Home, has been cleared of any structures and the access points have been stopped up. Wombwell falls within the county of South Yorkshire and the site is within the ward of Barnsley East.
- 1.2 The development site is located approximately 1.0km south-west of Wombwell Centre and 6.5km south east of Barnsley Town Centre. The site is bounded by housing to the west and north, High View Primary Learning Centre to the south and by Colewell Close to the east.
- 1.3 Vehicular and pedestrian access to each of the houses is proposed by way of either a main spine road off Blythe Street, direct access onto Colewell Close or from six private drives, each one serving not more than 5 dwellings, as shown on the proposed Site Layout Plan at **Appendix TS1**. The access from Blythe Street will have a 5.5m wide carriageway with 2m wide footways to either side, and has been designed to accommodate the necessary refuse and emergency vehicle requirements.
- 1.4 This Transport Statement (TS) will demonstrate that the site is well served by existing pedestrian/cycle facilities and local public transport provision, that the site can be safely and appropriately accessed from Blythe Street, and that the traffic generated by the proposals will not have an adverse impact upon the surrounding transport network. It will be concluded therefore that there are no highways or transport reasons why planning permission for the proposals should not be granted

2.0 TRANSPORT POLICY CONSIDERATIONS

National Planning Policy Framework, March 2012

2.1 The National Planning Policy Framework (NPPF) sets out the Government's planning policies for England and how they are expected to be applied. At the heart of the NPPF is a presumption in favour of sustainable development which the document indicates should be seen as a 'golden thread' running through the decision making process.

2.2 Within the overarching roles that the planning system ought to play the NPPF indicates that there are a set of core land use planning principles which should underpin the decision making process. Specifically in relation to transport these principles include (at paragraph 17):

- Actively managing patterns of growth to make the fullest possible use of public transport, walking and cycling, and focussing significant development in locations which are or can be made sustainable.

2.3 Paragraph 32 of NPPF states that:-

All developments that generate significant amounts of movement should be supported by a Transport Statement or Transport Assessment. Plans and decisions should take account of whether:

- the opportunities for sustainable transport modes have been taken up depending on the nature and location of the site, to reduce the need for major transport infrastructure;
- safe and suitable access to the site can be achieved for all people; and
- Improvements can be undertaken within the transport network that cost effectively limit the significant impacts of the development. Development should only be prevented or refused on transport grounds where the residual cumulative impacts of development are severe.

2.4 The NPPF indicates that plans should protect and exploit opportunities for the use of sustainable transport modes for the movement of goods or people. Therefore, developments should be located and designed where practical to, inter alia:

"give priority to pedestrian and cycle movements, and have access to high quality public transport facilities;

Consider the needs of people with disabilities by all modes of transport."

South Yorkshire's third Local Transport Plan (LTP3) 2011-2016

2.5 The Transport Act 2000 requires all local transport authorities in England, outside London, to prepare Local Transport Plans. The relevant local policy documentation in the context of this Transport Assessment is South Yorkshire Local Travel Plan (LTP3).. The document sets out a clear set of investment priorities and complementary activities to support economic growth in South Yorkshire, while also acknowledging the need for sustainable travel patterns and addressing the economic and social impacts of deprivation within communities.

2.6 The LTP3 sets out a number of transport related strategic objectives for South Yorkshire in order to support growth, which are:

- Supporting flourishing economies by delivering reliable and efficient transport networks and services;
- Reducing the impact of transport on the natural and built environment and tackling climate change;
- Improving transport safety and security and promoting healthier travel;
- Promoting greater equality of opportunity for all by improving peoples access to all necessary services; and
- Ensuring transport helps improve quality of life for all.

3.0 THE LOCAL HIGHWAY NETWORK AND ITS CURRENT USAGE

- 3.1 The application site, a former residential care home is located some 1.0km south-west of Wombwell Town Centre. The site is undeveloped and fenced off, and includes two points of access onto Blythe Street and Colewell Close, both of which have been closed off.
- 3.2 The development site is located approximately 6.5km south of Barnsley Town Centre. It is bounded by housing to the west and north, High View Primary is to the south, Colewell Close to the east and land that is used as a green open space to the south east.
- 3.3 Access to the majority of the proposed number of houses will be achieved from Blythe Street with a number being served from Colewell Close which forms an extension to Blythe Street. Blythe Street is a residential road that provides a link to Main Street and Cemetery Road to the east, and other residential streets such as John Street, Bartholomew Street, Myrtle Road and Victoria Road. Main Street provides a link to Barnsley Road to the north which in turn links with A633 and Wombwell Town centre.
- 3.4 In the vicinity of the site, Blythe Street has a carriageway typically 6.0m wide with a 3.2m wide footway on its southern side and a grass verge on its northern side. The road is lit and is subject to a 30mph speed limit. Between its junctions with Bartholomew Street and Main Street, Blythe Street is one way (west to east) with the complimentary access route from the east being achieved by way of Main Street and Frederick Street.
- 3.5 A633 forms part of the primary route network connecting Wombwell Town Centre with the settlement of Stairfoot, the outskirts of Barnsley and wider the highway network, including A628 and M1. Within Wombwell, Barnsley Road also provides access to retail and commercial premises and the public transport network, details of which are provided below.
- 3.6 Barnsley Road is a bus route used by services nos. 22, 67 and 203, details of which are outlined in **Appendix TS2**. Bus stops are located on both sides of the road for northbound and southbound services and are within 250m walking

distance from the proposed development. Some with the stops have shelters.

- 3.6 The 22 route is a service operated by First Bus and Stagecoach, and provides links to Barnsley Interchange Kendray, Stairfoot, Wombwell, Brampton, Wath upon Dearne, Manvers, Swinton, Warren Vale, Rawmarsh, Parkgate and Rotherham. The 22 service also operates a '22M' that follows the same route however it continues beyond Rotherham and terminates at Sheffield Meadowhall. The 22 and '22M' services run at a frequency of one bus every 30 minutes.
- 3.7 Service 67, also operated by Stagecoach, runs from Barnsley Interchange to Wombwell and provides access to local areas such as Worsbrough, Birdwell, Hoyland and Hemingfield. The service runs at a frequency of one per hour Monday to Sunday and public holidays.
- 3.8 Bus service 203 runs between Barnsley Interchange to the west and Doncaster Interchange in the east and stops at Kendray, Stairfoot, Broomhill, Middlecliffe, Billingley, Goldthorpe, Highgate, Thurnscoe, Hooton Pagnell, Brodsworth, Pickburn, Highfields and Cusworth. The 203 service runs at a frequency of one service every 60 minutes during the mornings Monday to Saturday with no evening services. There is no Sunday service.

4.0 ACCESS TO THE DEVELOPMENT SITE BY SUSTAINABLE FORMS OF TRANSPORT

- 4.1 Current national planning policy set out in NPPF places significant emphasis on the availability and use of alternative means of access to the private car to developments.

Accessibility on foot

- 4.2 As regards walking to local facilities, the institution of Highways and Transportation (IHT) Guidelines for Providing for Journeys on Foot sets out the following suggested acceptable walking distance to and from the development for commuting and other journeys.

IHT Recommended Walking Distance

		Trip Purpose	
		Commuting/School	Other Journeys
Desirable Distance	Maximum	500 metres	400 metres
Acceptable Distance	Maximum	1,000 metres	800 metres
Preferred Distance	Maximum	2,000 metres	1200 metres

Table 4.1

- 4.3 Furthermore 'Better Places to Live – A Companion Guide to PPG13' states that residents can access comfortable on foot facilities within an 800m walking distance. Also PPG13 advises that "...walking is the most important mode of travel at local levels and offers greatest potential to replace short car journeys, particularly under 2km".

- 4.4 The proposed development will link to a number of convenient pedestrian routes to the surrounding residential, commercial and retail areas that will encourage walking trips. The plan at **Appendix TS3** shows the walking catchment area within 2km of the site in which following facilities are located:

- Bus Stops
- Supermarket
- Schools
- Sports clubs
- Public Houses

- Post Office
- Local Convenience Store

Accessibility by Cycle

- 4.5 Cycling has clear potential to substitute for short car trips, particularly those under 5km to form part of a longer journey by public transport. The plan at **Appendix TS4** shows those locations within 5.0km of the site such as Wombwell and Barnsley Town Centre are accessible by cycle together with the surrounding settlements of Swaithe, Darfield and Brampton.

Accessibility by Bus

- 4.6 The Institution of Highways and Transportation publication, Guidelines for Planning for Public Transport in Developments advises that the maximum walking distance to a bus stop should not exceed 400m. As outlined in paragraph 3.6, bus stops are located on both sides of the carriageway at Barnsley Road with the walking distance to these stops being within an acceptable walking distance of the site.

Accessibility by Rail

- 4.7 The nearest train station to the site is Wombwell Rail Station located off Hough Lane, some 1.6km north from the proposed development. The station can be accessed by residents via walking, the local bus network or cycling as there are cycle storage facilities available at the station. The station is managed by Northern Rail and operates almost hourly services on the Penistone Line between Sheffield and Huddersfield, also stopping at stations including Lockwood, Berry Brow, Honley, Brockholes, Stocks Moor, Shepley, Denby Dale, Penistone, Barnsley and Meadowhall. Wombwell Railway Station also serves as a stop on the Sheffield to Leeds Railway Line with hourly services to Sheffield Meadowhall, Chapeltown, Elsecar, Barnsley, Darton, Wakefield Kirkgate, Normanton, Castleford and Woodlesford.

Travel Patterns and Key Destinations

- 4.8 The surrounding area has a wide range of services and facilities which can be accessed by future residents of the site. Those local to the site are plotted on

the Pedestrian Accessibility Plan attached at **Appendix TS4** and are summarised below:

- Wombwell Centre – has a range of employment locations including offices, retail and leisure businesses and other jobs, a range of shops including Supermarkets, Convenience Store, Bank's, Post Office, Pharmacy, Public Houses and a number of takeaway food outlets.
- Employment – There are number of employment areas in the local area near to the site including retail parks and industrial estates. Aldham Industrial Park, located at Mitchell Road, approximately 1.0km north-west of the Blythe Street site and has a variety of business such as motor servicing, PVC manufacturers, Brewery and window glaziers to name a few. Another employment area local to the site is Mitchell Enterprise Centre, located off Bradbury Balk Lane, some 850m north of the proposed development and is businesses such as a printers, construction, scaffolding, logistics, a turbine manufacturers and a coach travel firm.. Wombwell Town Centre is 1.0km east of the site has a number of retail employment opportunities.
- Education Provision – There are both primary and secondary schools in the local area. High View Primary Learning Centre on Newsome Avenue, is about 850m south of the site and is for children aged between 3 and 11 years old. King's Oak Children's Centre & Primary Learning Centre can be found off Bonfield Close, some 950m south east of the site and is a mixed school for children and young adults aged 3 and 11 years old. Netherwood School located at Netherwood Road, some 1.6km north of the Blythe Street development and is a school for mixed children aged 11 to 16 years old.
- Health Facilities – The nearest Doctors surgery is Summer Lane Centre, located on West Street some 450m south of the site. The nearest hospital is Mount Vernon Hospital, is located off Mount Vernon Road, some 6.0km north-west of the site.
- Food & Retail shopping –There is a very good range of existing supermarkets, convenience stores and shops within Wombwell Centre and the local area such as the Premier Stores located on Barnsley Road, some

600m north the proposed Blythe Street development. Wombwell Town Centre has a Tesco Supermarket, a Wilko store and many other food and retail shopping

- Leisure and Recreation – Wombwell Recreation Ground, off Station Road some 1.2km east of the proposed development is a facility for people to learn and train at athletics and football. Located off Roy Kilner Road, some 1.1km west of the site is a park with a playground, and is popular with the local community. Pirates Cove, a children's soft-play activity centre, is located on Mitchell Road, some 500m west of the site. Also located at Mitchell Road is The Combat Academy, a facility for people of all ages to learn and train at martial arts. Wombwell Cricket Club, located off Windmill Road, some 1.3km south of the site is a local sports club and competes in the South Yorkshire Division.

Summary

- 4.9 The site is situated in an accessible location, with various retail outlets, employment locations, recreation facilities, health care facilities and schools within a reasonable walking distance.
- 4.10 Overall, it is concluded that a range of key facilities and services including employment, retail, health and education uses, are readily accessible from the site and it is therefore considered that the location of the site is consistent with national and local policy objectives.
-

5.0 THE PROPOSED DEVELOPMENT

- 5.1 The planning application by Gleeson Homes & Regeneration seeks full planning permission to build 43 houses on a plot of land located off Blythe Street, Wombwell, as shown on the plan at **Appendix TS1**. The development will comprise a mix of detached and semi-detached properties as follows:

7no 2 bedroom houses
32no 3 bedroom houses
4no 4 bedroom houses

- 5.2 All Gleeson Homes and Regeneration developments focus solely on building low cost homes for people on low incomes in areas of industrial decline and social and economic deprivation. The company builds a range of affordable homes for sale to people who would otherwise be unable to afford a new home, thereby helping them onto the property ladder. Gleeson funds all of its own projects, allowing regeneration to take place without reliance on Government investment.

- 5.3 Vehicular and pedestrian access to each of the houses is proposed by way of either a main spine road off Blythe Street, direct access onto Colewell Close or from six private drives, each one serving not more than 5 dwellings, as shown on the proposed Site Layout Plan at **Appendix TS1**. The spine road will be built to adoptable standards and will comprise a 5.5m wide carriageway and 2m wide footways to either side. The simple priority junction onto Blythe Street will have 6m kerbed radii and, consistent with the current speed limit on Blythe Street, visibility splays of 2.4m x 43m in both directions will be available to emerging drivers.

- 5.4 The proposed site layout has been designed to accommodate the necessary refuse and emergency vehicle requirements.

- 5.5 The parking provision for the residential units will be provided in accordance with standards set out in the Authority's Supplementary Planning Document "Parking", March 2012, as summarised in the following table 5.1

Table 5.1: Proposed Car Parking Provision

		No. Units (43 Total)	Parking Standard
Dwelling	2-bed	7	1 spaces / unit
	3-bed	32	2 spaces / unit
	4-bed	4	2 spaces / unit

Source: RW Sketch Layout 2 (Appendix TS1)

- 5.6 It is considered that the proposed level of parking provides an appropriate balance between the need to promote sustainable modes of transport, meeting residents' demands and minimising on-street parking.

6.0 TRIP GENERATION AND MODAL SPLIT

- 6.1 Traffic generation rates are normally determined by reference to the TRICS database which is based upon the results of traffic surveys undertaken at numerous residential developments throughout the country. However, the sites cover the full range of house builders, most of who do not specialise in low cost privately owned houses.
- 6.2 As noted at paragraph 5.2 above, all Gleeson developments focus solely on building low cost homes for people on low incomes, and therefore Gleeson have long considered that the use of the TRICS database could lead to an over estimation of the traffic generation of their developments and the resulting off-site traffic impact.
- 6.3 Traffic generation surveys have therefore been undertaken at nine of their developments throughout the north of England. In total, the number of occupied houses surveyed was 532 and the developments included the full range of Gleeson house types comprising 2, 3 and 4 bedroom properties, as shown on the table at **Appendix TS5**
- 6.4 The survey results are included at **Appendix TS6** and show that the average peak hour generation rates were as follows

Time Period	Arrival	Departure	Total
A.M Peak	.19	.39	.58
P.M Peak	.38	.26	.64

- 6.5 Based upon these survey results, the average peak hour vehicular trip generation rates and the resultant peak hour trips forecast to be generated by the proposals are as follows:

Time Period	Direction	Trip Rate	Trips
AM Peak Hour	Arrival	0.19	8
	Departure	0.39	17
PM Peak Hour	Arrival	0.38	16
	Departure	0.26	11

- 6.6 It can be seen from the above that the development is likely to generate some 25 two way trips during the morning peak period and some 27 two way trips during the evening peak period. These flows equate to about one extra trip on the local highway network every 2 minutes. It can be concluded that the traffic likely to be generated by the proposed development will not be noticeable and will not have an adverse impact on the local and surrounding transport network.

7.0 SUMMARY AND CONCLUSIONS

- 7.1 Westgate Consulting (Leeds) has been commissioned by Gleeson Homes and Regeneration to prepare a Transport Statement in support of a detailed planning application to develop a plot of land located off Blythe Street, Wombwell for some 43 dwellings. The site, which was the former Highfield Grange Residential Care Home, has been cleared of any structures and the access points have been stopped up. Wombwell falls within the county of South Yorkshire and the site is within the ward of Barnsley East.
- 7.2 The development site is located approximately 1.0km south-west of Wombwell Centre and 6.5km south east of Barnsley Town Centre. The site is bounded by housing to the west and north, High View Primary Learning Centre to the south and by Colewell Close to the east.
- 7.3 Vehicular and pedestrian access to each of the houses is proposed by way of either a main spine road off Blythe Street, direct access onto Colewell Close or from six private drives, each one serving not more than 5 dwellings. The access from Blythe Street will have a 5.5m wide carriageway with 2m wide footways to either side, and has been designed to accommodate the necessary refuse and emergency vehicle requirements.
- 7.4 This Transport Statement (TS) has demonstrated that the site is well served by existing pedestrian/cycle facilities and local public transport provision, that the site can be safely and appropriately accessed from Blythe Street, and that the traffic generated by the proposals will not have an adverse impact upon the surrounding transport network. It can be concluded therefore that there are no highways or transport reasons why planning permission for the proposals should not be granted

Appendix TS 1

PROVISIONAL LAYOUT DRAWING,
SUBJECT TO PLANNING APPROVAL

HOUSE TYPE

code	type
201	2 bed semi det.
301	3 bed semi det.
302	3 bed semi det.
304	3 bed detached
307	3 bed detached
308	3 bed semi det.
310	3 bed detached
311	3 bed semi det.
401	4 bed detached
404	4 bed detached

TOTAL

Existing embankment 2-3.0m to be re-graded

HURFIELD COURT

BEYNE STREET

COLEWELL CLOSE

0m 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m

HOUSE TYPE		
code	type	no
201	2 bed semi det/terr	8
301	3 bed semi det	6
302	3 bed semi det	7
304	3 bed detached	3
307	3 bed detached	6
309	3 bed semi det	4
310	3 bed detached	2
311	3 bed semi det	2
401	4 bed detached	4
404	4 bed detached	2
TOTAL		43

-  Boundary was to be removed?
-  Boundary was to be removed & a new boundary on the Portland 56257899.
-  Areas of non-tree planted or trees
-  New shrubs/ ground cover plants
-  Grasses to be planted
-  Flowering plant, across path to 1 for principle entrance. Grass needed for 12 for entrance 5/1.
-  Private drives
-  L.P.C.s high screen wall
-  S.W. bound vertical screen wall 100' x 22m high in 4 areas. 24m, 75, 25m, 100m. 100m posts at 12775m can.
-  Plant shelter fence, post 1 m
-  House type code reference no.
-  Post number
-  Garages location.
-  Parking bays

Richard Ward Design 

Chartered Architectural Technologist
Architectural Design & Development

Richard S. Ward
M.C.I.A.T.
Telephone 01604 410943

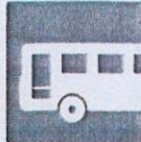
Z. Burman
Winton Park
Northampton

**BLYTHE STREET
WOMBWELL**

planning layout
GLEESON
HOMES & REGENERATION

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Appendix TS 2



Bus service(s)

22 22M 22X X22

Valid from: 25 April 2015

Areas served

Barnsley
Wombwell (22, 22M, 22X)
Wath Upon Dearne (22, 22M, 22X)
Thorpe Hesley (X22)
Manvers (22, 22M, 22X)
Rawmarsh (22, 22M, 22X)
Rotherham
Meadowhall (22M)

Places on the route

  Barnsley Interchange
Dearne Valley College
Ventura House
    Meadowhall Interchange

What's changed

Service 22X - Minor changes will be made to the times of journeys on Mondays to Saturdays.

Operator(s)

First 

 **Stagecoach**

Some journeys operated
with financial support from
South Yorkshire Passenger
Transport Executive



How can I get more information?



TravelSouthYorkshire



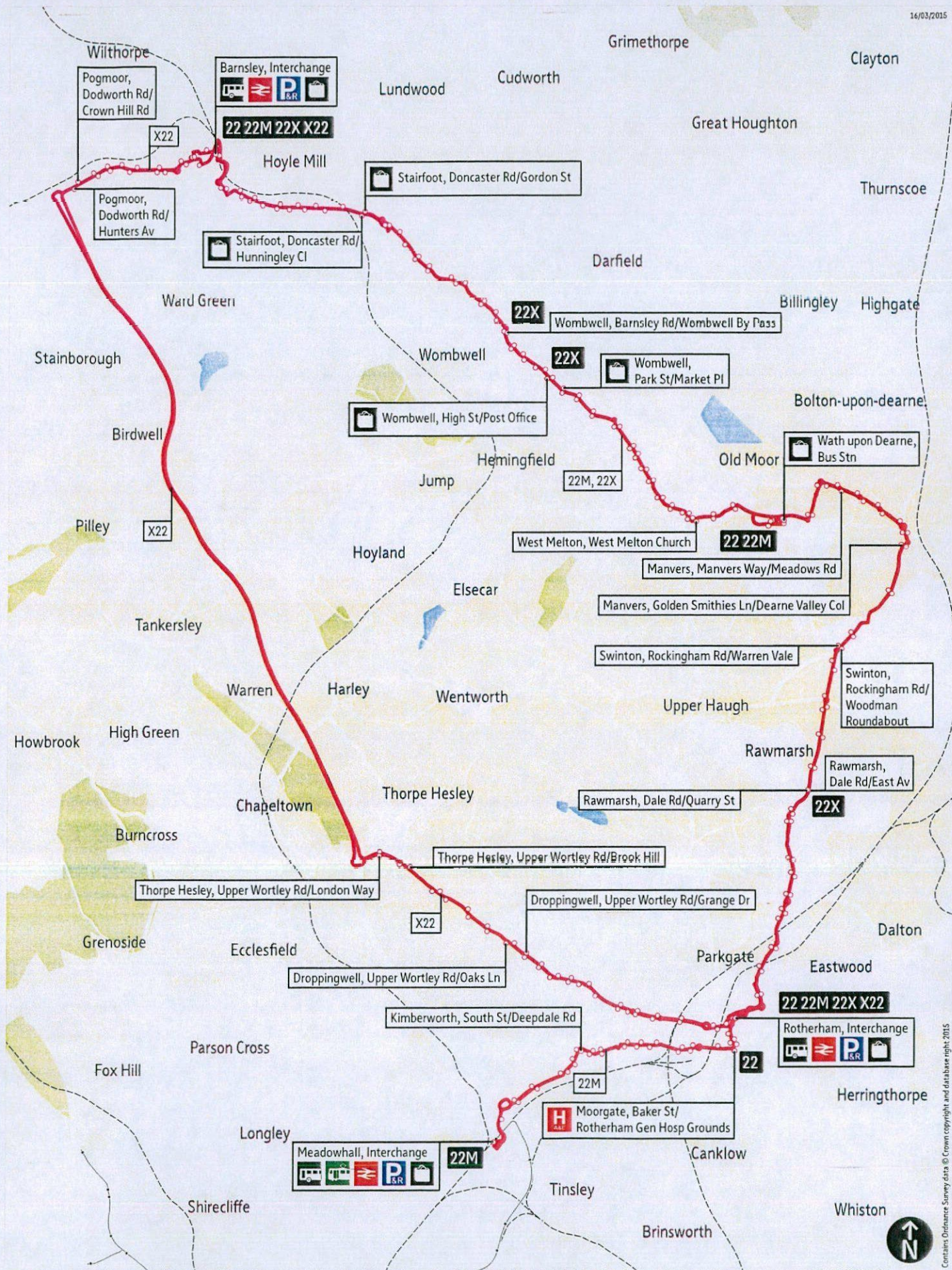
@TSYalerts



01709 51 51 51

Bus route map for services 22, 22M, 22X and X22

16/03/2015



This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. SYPT 100030252 2015

= Terminus point
 = Public transport
 = Shopping area
 = Bus route & stops
 = Rail line & station
 = Tram route & stop

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Stopping points for service 22

Barnsley, Interchange ▶ Sheffield Road ▶ Doncaster Road ▶ Kendray ▶ Stairfoot ▶ Wombwell Lane ▶
 Wombwell ▶ Barnsley Road ▶ High Street ▶ Park Street ▶ Brampton Road ▶ **Brampton** ▶
 Knollbeck Lane ▶ **Brampton Bierlow** ▶ **West Melton** ▶ Brampton Road ▶ Melton High Street ▶
Wath Upon Dearne ▶ Montgomery Road ▶ Station Road ▶ **Manvers** ▶ Manvers Way ▶
 Golden Smithies Lane ▶ **Swinton** ▶ Rockingham Road ▶ **Warren Vale** ▶ **Rawmarsh** ▶ Dale Road ▶
 Blyth Avenue ▶ High Street ▶ **Parkgate** ▶ Rawmarsh Hill ▶ Broad Street ▶ Rotherham Road ▶
 Rawmarsh Road ▶ St Anns Road ▶ **Rotherham, Interchange**

Moorgate, Moorgate Road ▶ **Rotherham** ▶ Moorgate Street ▶ Corporation Street ▶
Rotherham Interchange ▶ St Anns Road ▶ **Parkgate** ▶ Rawmarsh Road ▶ Rotherham Road ▶
 Broad Street ▶ Rawmarsh Hill ▶ **Rawmarsh** ▶ High Street ▶ Blyth Avenue ▶ Dale Road ▶ **Warren Vale** ▶
Swinton ▶ Rockingham Road ▶ Golden Smithies Lane ▶ **Manvers** ▶ Manvers Way ▶ **Wath Upon Dearne** ▶
 Station Road ▶ Montgomery Road ▶ Church Street ▶ **West Melton** ▶ Melton High Street ▶
 Brampton Road ▶ **Brampton Bierlow** ▶ Knollbeck Lane ▶ **Brampton** ▶ **Wombwell** ▶ Brampton Road ▶
 Park Street ▶ High Street ▶ Barnsley Road ▶ Wombwell Lane ▶ **Stairfoot** ▶ Wombwell Lane ▶
 Doncaster Road ▶ **Kendray** ▶ Sheffield Road ▶ Schwabish Gmund Way ▶ **Barnsley, Interchange**

Stopping points for service 22M

Barnsley, Interchange ▶ Sheffield Road ▶ Doncaster Road ▶ Kendray ▶ Stairfoot ▶ Wombwell Lane ▶
 Wombwell ▶ Barnsley Road ▶ High Street ▶ Park Street ▶ Brampton Road ▶ **Brampton** ▶
 Knollbeck Lane ▶ **Brampton Bierlow** ▶ **West Melton** ▶ Brampton Road ▶ Melton High Street ▶
Wath Upon Dearne ▶ Montgomery Road ▶ Station Road ▶ **Manvers** ▶ Manvers Way ▶
 Golden Smithies Lane ▶ **Swinton** ▶ Rockingham Road ▶ **Warren Vale** ▶ **Rawmarsh** ▶ Dale Road ▶
 Blyth Avenue ▶ High Street ▶ **Parkgate** ▶ Rawmarsh Hill ▶ Broad Street ▶ Rotherham Road ▶
 Rawmarsh Road ▶ St Anns Road ▶ **Rotherham Interchange** ▶ Corporation Street ▶ Main Street ▶
Masbrough ▶ Masbrough Street ▶ Ferham Road ▶ **Holmes** ▶ **Kimberworth** ▶ Pitt Street ▶
 Deepdale Road ▶ South Street ▶ Meadow Bank Road ▶ Meadowhall Road ▶ **Meadowhall, Interchange**

Meadowhall, Interchange ▶ Meadow Bank Road ▶ **Kimberworth** ▶ South Street ▶ Deepdale Road ▶
 Pitt Street ▶ **Holmes** ▶ Ferham Road ▶ **Masbrough** ▶ Masbrough Street ▶ Main Street ▶
 Corporation Street ▶ **Rotherham Interchange** ▶ St Anns Road ▶ **Parkgate** ▶ Rawmarsh Road ▶
 Rotherham Road ▶ Broad Street ▶ Rawmarsh Hill ▶ **Rawmarsh** ▶ High Street ▶ Blyth Avenue ▶
 Dale Road ▶ **Warren Vale** ▶ **Swinton** ▶ Rockingham Road ▶ Golden Smithies Lane ▶ **Manvers** ▶
 Manvers Way ▶ **Wath Upon Dearne** ▶ Station Road ▶ Montgomery Road ▶ Church Street ▶
West Melton ▶ Melton High Street ▶ Brampton Road ▶ **Brampton Bierlow** ▶ Knollbeck Lane ▶
Brampton ▶ **Wombwell** ▶ Brampton Road ▶ Park Street ▶ High Street ▶ Barnsley Road ▶
 Wombwell Lane ▶ **Stairfoot** ▶ Wombwell Lane ▶ Doncaster Road ▶ **Kendray** ▶ Sheffield Road ▶
 Schwabish Gmund Way ▶ **Barnsley, Interchange**

.22, 22M ▶ Monday to Friday

Barnsley Centre ▶ Meadowhall

Service number:	22	22M	22M	22	22	22M	22	22M	22	22M	22	22M	22
Barnsley, Interchange	0600	0630	-	0700	-	0725	0740	0800	0815	0830	0845	0900	0920
Stairfoot, Doncaster Rd/Gordon St	0608	0638	-	0709	-	0734	0749	0809	0824	0839	0854	0909	0929
Wombwell, Park St/Market Pl	0616	0646	-	0719	-	0744	0759	0819	0834	0849	0904	0919	0939
Wath upon Dearne, Bus Stn	a. 0630	0700	-	0733	-	0758	0813	0834	0849	0904	0918	0933	0953
Wath upon Dearne, Bus Stn	d. 0631	0702	0720	0735	0750	0800	0815	0836	0851	0906	0920	0935	0955
Manvers, Dearne Valley Col	0638	0709	0727	0742	0757	0809	0824	0845	0900	0913	0927	0942	1002
Rawmarsh, Dale Rd/East Av	0645	0716	0734	0749	0804	0818	0833	0854	0907	0920	0934	0949	1009
Rotherham, Interchange	a. 0656	0729	0747	0802	0819	0833	0848	0909	0920	0933	0947	1002	1022
Rotherham, Interchange	d. -	-	0752	-	0823	0837	-	0912	-	0942	-	1012	-
Moorgate, Baker St/Rotherham Gen Hosp	-	-	-	-	0834	-	-	-	-	-	-	-	-
Kimberworth, South St/Deepdale Rd	-	-	0803	-	-	0848	-	0923	-	0953	-	1023	-
Meadowhall, Interchange	-	-	0809	-	-	0854	-	0929	-	0959	-	1029	-

Service number:	22M	22	22M	22	22M	22	22M	22	22M	22	22M	22	22M
Barnsley, Interchange	0935	0950	1005	1020	1035	1050	1105	1120	1135	1150	1205	1220	1235
Stairfoot, Doncaster Rd/Gordon St	0944	0959	1014	1029	1044	1059	1114	1129	1144	1159	1214	1229	1244
Wombwell, Park St/Market Pl	0954	1009	1024	1039	1054	1109	1124	1139	1154	1209	1224	1239	1254
Wath upon Dearne, Bus Stn	a. 1008	1023	1038	1053	1108	1123	1138	1153	1208	1223	1238	1253	1308
Wath upon Dearne, Bus Stn	d. 1010	1025	1040	1055	1110	1125	1140	1155	1210	1225	1240	1255	1310
Manvers, Dearne Valley Col	1017	1032	1047	1102	1117	1132	1147	1202	1217	1232	1247	1302	1317
Rawmarsh, Dale Rd/East Av	1024	1039	1054	1109	1124	1139	1154	1209	1224	1239	1254	1309	1324
Rotherham, Interchange	a. 1037	1052	1107	1122	1137	1152	1207	1222	1237	1252	1307	1322	1337
Rotherham, Interchange	d. 1042	-	1112	-	1142	-	1212	-	1242	-	1312	-	1342
Moorgate, Baker St/Rotherham Gen Hosp	-	-	-	-	-	-	-	-	-	-	-	-	-
Kimberworth, South St/Deepdale Rd	1053	-	1123	-	1153	-	1223	-	1253	-	1323	-	1353
Meadowhall, Interchange	1059	-	1129	-	1159	-	1229	-	1259	-	1329	-	1359

Service number:	22	22M	22M	22	22M	22	22	22M	22	22	22M	22	22M
Barnsley, Interchange	1250	1305	1320	1335	1350	1405	1420	1435	1448	1503	1518	1535	1550
Stairfoot, Doncaster Rd/Gordon St	1259	1314	1329	1344	1359	1414	1429	1444	1457	1512	1527	1545	1600
Wombwell, Park St/Market Pl	1309	1324	1339	1354	1409	1424	1439	1454	1507	1522	1537	1555	1610
Wath upon Dearne, Bus Stn	a. 1323	1338	1353	1408	1423	1438	1453	1508	1521	1536	1552	1610	1625
Wath upon Dearne, Bus Stn	d. 1325	1340	1355	1410	1425	1440	1455	1510	1523	1538	1554	1612	1627
Manvers, Dearne Valley Col	1332	1347	1402	1417	1432	1447	1502	1517	1530	1546	1602	1620	1635
Rawmarsh, Dale Rd/East Av	1339	1354	1409	1424	1439	1454	1509	1524	1541	1557	1613	1631	1646
Rotherham, Interchange	a. 1352	1407	1422	1437	1452	1507	1522	1537	1554	1610	1626	1644	1659
Rotherham, Interchange	d. -	1412	1427	-	1457	-	-	1542	-	-	1627	-	1702
Moorgate, Baker St/Rotherham Gen Hosp	-	-	-	-	-	-	-	-	-	-	-	-	-
Kimberworth, South St/Deepdale Rd	-	1423	1438	-	1508	-	-	1553	-	-	1638	-	1713
Meadowhall, Interchange	-	1429	1444	-	1514	-	-	1559	-	-	1644	-	1719

Service number:	22M	22	22M	22	22M	22	22M	22	22M	22	22	22
Barnsley, Interchange	1605	1620	1640	1700	1720	1740	1800	1835	1905	1935	2035	2135
Stairfoot, Doncaster Rd/Gordon St	1615	1630	1650	1710	1730	1749	1809	1843	1913	1943	2043	2143
Wombwell, Park St/Market Pl	1625	1640	1700	1720	1740	1759	1819	1851	1921	1951	2051	2151
Wath upon Dearne, Bus Stn	a. 1640	1655	1715	1735	1754	1813	1833	1905	1935	2005	2105	2205
Wath upon Dearne, Bus Stn	d. 1642	1657	1717	1737	1756	1815	1834	1906	1936	2006	2106	2206
Manvers, Dearne Valley Col	1650	1705	1725	1744	1803	1822	1841	1913	1943	2013	2113	2213
Rawmarsh, Dale Rd/East Av	1701	1716	1736	1751	1810	1829	1848	1920	1950	2020	2120	2220
Rotherham, Interchange	a. 1714	1729	1749	1804	1823	1842	1859	1931	2001	2031	2131	2231
Rotherham, Interchange	d. 1717	-	1757	-	1827	-	1902	-	2002	-	-	-
Moorgate, Baker St/Rotherham Gen Hosp	-	-	-	-	-	-	-	-	-	-	-	-
Kimberworth, South St/Deepdale Rd	1728	-	1808	-	1838	-	1912	-	2012	-	-	-
Meadowhall, Interchange	1734	-	1814	-	1843	-	1917	-	2017	-	-	-

22, 22M ▶ Monday to Friday								Meadowhall ▶ Barnsley Centre							
Service number:	22	22	22	22M	22	22	22	22M	22	22	22M	22	22		
Meadowhall, Interchange	-	-	-	0630	-	-	-	0730	-	-	0815	-	-	-	-
Kimberworth, South St/Deepdale Rd	-	-	-	0635	-	-	-	0736	-	-	0821	-	-	-	-
Rotherham, Interchange	a.	-	-	0645	-	-	-	0747	-	-	0832	-	-	-	-
Rotherham, Interchange	d.	0530	0600	0630	0650	0707	0722	0737	0752	0807	0822	0837	0857	0912	
Moorgate, Moorgate Rd/Oakwood Rd West	-	-	-	-	-	-	-	-	-	-	-	-	0843	-	-
Rawmarsh, Dale Rd/Quarry St	0541	0611	0641	0701	0719	0734	0749	0804	0819	0834	0849	0909	0924		
Manvers, Dearne Valley Col	0548	0618	0648	0708	0726	0741	0756	0812	0827	0842	0857	0916	0931		
Wath upon Dearne, Bus Stn	a.	0555	0625	0655	0715	0733	0748	0803	0820	0835	0850	0905	0923	0938	
Wath upon Dearne, Bus Stn	d.	0556	0626	0656	0717	0735	-	0804	0821	0836	0851	0907	0925	0940	
Wombwell, High St/Post Office	0610	0640	0710	0731	0749	-	0818	0835	0850	0905	0921	0939	0954		
Stairfoot, Doncaster Rd/Hunningley Cl	0618	0648	0719	0740	0758	-	0828	0845	0900	0914	0930	0948	1003		
Barnsley, Interchange	0627	0657	0729	0750	0808	-	0838	0855	0910	0924	0940	0958	1013		
Service number:	22M	22	22M	22	22M	22	22M	22	22M	22	22M	22	22M		
Meadowhall, Interchange	0905	-	0935	-	1005	-	1035	-	1105	-	1135	-	1205		
Kimberworth, South St/Deepdale Rd	0911	-	0941	-	1011	-	1041	-	1111	-	1141	-	1211		
Rotherham, Interchange	a.	0922	-	0952	-	1022	-	1052	-	1122	-	1152	-	1222	
Rotherham, Interchange	d.	0927	0942	0957	1012	1027	1042	1057	1112	1127	1142	1157	1212	1227	
Moorgate, Moorgate Rd/Oakwood Rd West	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rawmarsh, Dale Rd/Quarry St	0939	0954	1009	1024	1039	1054	1109	1124	1139	1154	1209	1224	1239		
Manvers, Dearne Valley Col	0946	1001	1016	1031	1046	1101	1116	1131	1146	1201	1216	1231	1246		
Wath upon Dearne, Bus Stn	a.	0953	1008	1023	1038	1053	1108	1123	1138	1153	1208	1223	1238	1253	
Wath upon Dearne, Bus Stn	d.	0955	1010	1025	1040	1055	1110	1125	1140	1155	1210	1225	1240	1255	
Wombwell, High St/Post Office	1009	1024	1039	1054	1109	1124	1139	1154	1209	1224	1239	1254	1309		
Stairfoot, Doncaster Rd/Hunningley Cl	1018	1033	1048	1103	1118	1133	1148	1203	1218	1233	1248	1303	1318		
Barnsley, Interchange	1028	1043	1058	1113	1128	1143	1158	1213	1228	1243	1258	1313	1328		
Service number:	22	22M	22	22M	22	22M	22	22M	22	22M	22	22M	22	22	22M
Meadowhall, Interchange	-	1235	-	1305	-	1335	-	1405	-	1435	-	1505	-	1520	
Kimberworth, South St/Deepdale Rd	-	1241	-	1311	-	1341	-	1411	-	1441	-	1511	-	1526	
Rotherham, Interchange	a.	-	1252	-	1322	-	1352	-	1422	-	1452	-	1522	1537	
Rotherham, Interchange	d.	1242	1257	1312	1327	1342	1357	1412	1427	1442	1457	1512	1527	1542	
Moorgate, Moorgate Rd/Oakwood Rd West	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rawmarsh, Dale Rd/Quarry St	1254	1309	1324	1339	1354	1409	1424	1439	1454	1509	1524	1539	1554		
Manvers, Dearne Valley Col	1301	1316	1331	1346	1401	1416	1431	1446	1501	1516	1531	1546	1602		
Wath upon Dearne, Bus Stn	a.	1308	1323	1338	1353	1408	1423	1438	1453	1508	1523	1538	1553	1609	
Wath upon Dearne, Bus Stn	d.	1310	1325	1340	1355	1410	1425	1440	1455	1510	1525	1540	1555	1611	
Wombwell, High St/Post Office	1324	1339	1354	1409	1424	1439	1454	1509	1524	1539	1554	1609	1625		
Stairfoot, Doncaster Rd/Hunningley Cl	1333	1348	1403	1418	1433	1448	1503	1518	1533	1548	1604	1619	1635		
Barnsley, Interchange	1343	1358	1413	1428	1443	1458	1513	1528	1543	1558	1614	1629	1645		
Service number:	22	22M	22	22	22M	22	22	22M	22M	22M	22M				
Meadowhall, Interchange	-	1550	-	-	1650	-	-	1740	1810	1920	2020				
Kimberworth, South St/Deepdale Rd	-	1556	-	-	1656	-	-	1746	1816	1925	2025				
Rotherham, Interchange	a.	-	1607	-	1707	-	-	1757	1827	1935	2035				
Rotherham, Interchange	d.	1600	1615	1630	1650	1710	1725	1740	1800	1830	1935	2035			
Moorgate, Moorgate Rd/Oakwood Rd West	-	-	1617	-	-	-	-	-	-	-	-				
Rawmarsh, Dale Rd/Quarry St	1615	1630	1645	1705	1725	1740	1755	1812	1841	1946	2046				
Manvers, Dearne Valley Col	1623	1638	1653	1713	1733	1748	1803	1819	1848	1953	2053				
Wath upon Dearne, Bus Stn	a.	1630	1645	1700	1720	1740	1755	1810	1826	1855	2000	2100			
Wath upon Dearne, Bus Stn	d.	1632	1647	1702	1722	1742	1757	-	1828	1856	2001	2101			
Wombwell, High St/Post Office	1646	1701	1716	1736	1756	1811	-	1842	1910	2015	2115				
Stairfoot, Doncaster Rd/Hunningley Cl	1656	1711	1726	1746	1806	1820	-	1850	1918	2023	2123				
Barnsley, Interchange	1706	1721	1736	1756	1816	1830	-	1859	1927	2032	2132				

22, 22M	Saturday												Barnsley Centre	Meadowhall
Service number:	22	22	22	22M	22M	22	22M	22	22M	22	22M	22		22M
Barnsley, Interchange	0630	0700	0730	0800	0830	0850	0905	0920	0935	0950				05
Stairfoot, Doncaster Rd/Gordon St	0638	0708	0739	0809	0839	0859	0914	0929	0944	0959				14
Wombwell, Park St/Market Pl	0646	0716	0749	0819	0849	0909	0924	0939	0954	1009				24
Wath upon Dearne, Bus Stn	a. 0700	0730	0803	0833	0903	0923	0938	0953	1008	1023	then at			38
Wath upon Dearne, Bus Stn	d. 0701	0731	0805	0835	0905	0925	0940	0955	1010	1025	these			40
Manvers, Dearne Valley Col	0708	0738	0812	0842	0912	0932	0947	1002	1017	1032	mins past			47
Rawmarsh, Dale Rd/East Av	0715	0745	0819	0849	0919	0939	0954	1009	1024	1039	the hour			54
Rotherham, Interchange	a. 0726	0756	0832	0902	0932	0952	1007	1022	1037	1052				07
Rotherham, Interchange	d. 0726	0756	0832	0907	0937	0952	1012	1022	1042	1052				12
Kimberworth, South St/Deepdale Rd	-	-	-	0918	0948	-	1023	-	1053	-				23
Meadowhall, Interchange	-	-	-	0924	0954	-	1029	-	1059	-				29

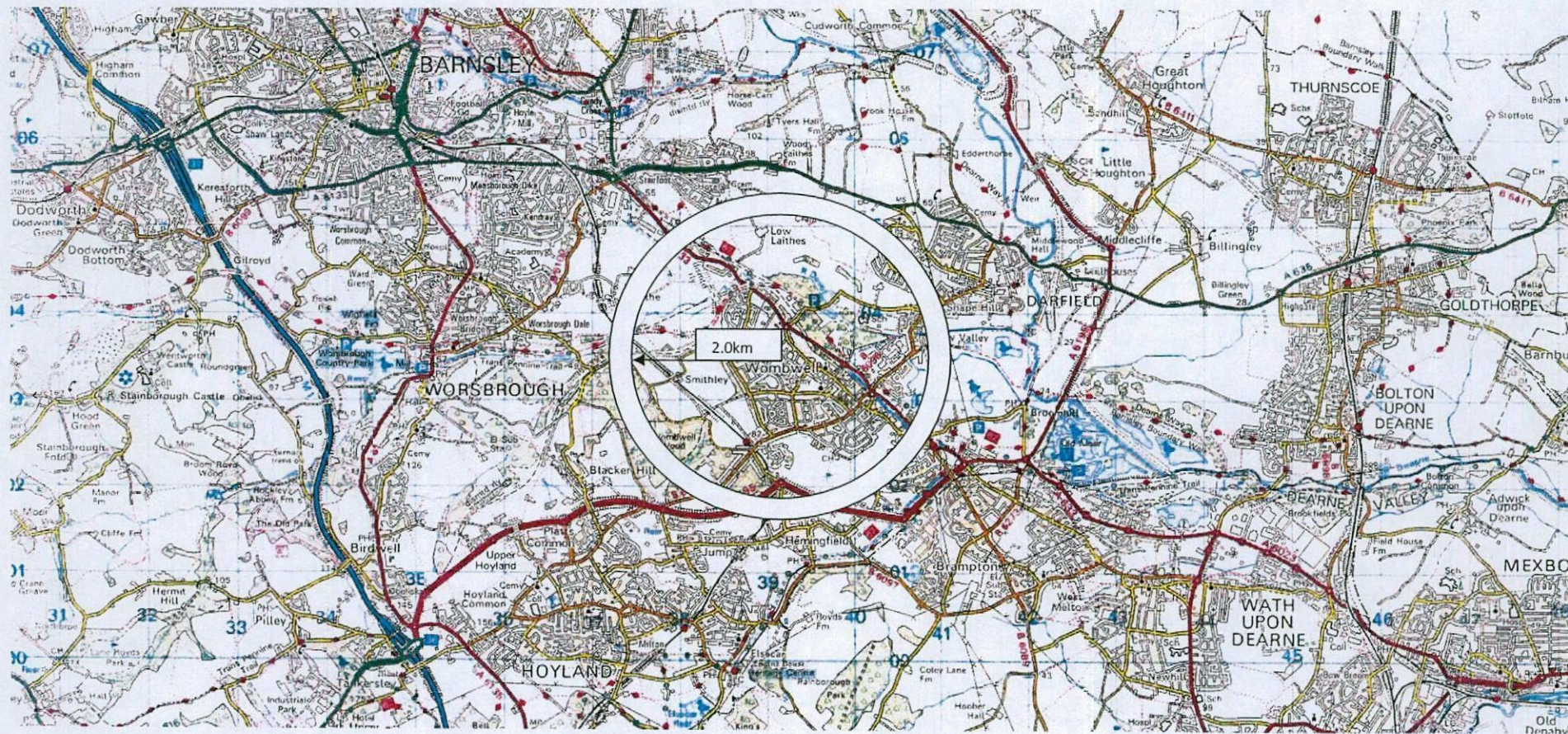
Service number:	22	22M	22		22	22	22M	22	22	22M	22	22M	22
Barnsley, Interchange	20	35	50		1450	1505	1520	1535	1550	1605	1620	1635	1650
Stairfoot, Doncaster Rd/Gordon St	29	44	59		1459	1514	1529	1544	1559	1614	1629	1644	1659
Wombwell, Park St/Market Pl	39	54	09		1509	1524	1539	1554	1609	1624	1639	1654	1709
Wath upon Dearne, Bus Stn	a. 53	08	23	until	1523	1538	1553	1608	1623	1638	1653	1708	1723
Wath upon Dearne, Bus Stn	d. 55	10	25		1525	1540	1555	1610	1625	1640	1655	1710	1725
Manvers, Dearne Valley Col	02	17	32		1532	1547	1602	1617	1632	1647	1702	1717	1732
Rawmarsh, Dale Rd/East Av	09	24	39		1539	1554	1609	1624	1639	1654	1709	1724	1739
Rotherham, Interchange	a. 22	37	52		1552	1607	1622	1637	1652	1707	1722	1737	1752
Rotherham, Interchange	d. 22	42	52		1552	1607	1627	1637	1652	1712	1722	1742	1752
Kimberworth, South St/Deepdale Rd	-	53	-		-	-	1638	-	-	1723	-	1753	-
Meadowhall, Interchange	-	59	-		-	-	1644	-	-	1729	-	1759	-

Service number:	22	22M	22	22M	22	22M	22	22	22
Barnsley, Interchange	1705	1720	1740	1800	1835	1905	1935	2035	2135
Stairfoot, Doncaster Rd/Gordon St	1714	1729	1749	1809	1843	1913	1943	2043	2143
Wombwell, Park St/Market Pl	1724	1739	1759	1819	1851	1921	1951	2051	2151
Wath upon Dearne, Bus Stn	a. 1738	1753	1813	1833	1905	1935	2005	2105	2205
Wath upon Dearne, Bus Stn	d. 1740	1755	1815	1834	1906	1936	2006	2106	2206
Manvers, Dearne Valley Col	1747	1802	1822	1841	1913	1943	2013	2113	2213
Rawmarsh, Dale Rd/East Av	1754	1809	1829	1848	1920	1950	2020	2120	2220
Rotherham, Interchange	a. 1807	1822	1842	1859	1931	2001	2031	2131	2231
Rotherham, Interchange	d. 1807	1827	1842	1902	1931	2002	2031	2131	2231
Kimberworth, South St/Deepdale Rd	-	1838	-	1912	-	2012	-	-	-
Meadowhall, Interchange	-	1843	-	1917	-	2017	-	-	-

22, 22M	Saturday												Meadowhall	Barnsley Centre
Service number:	22	22	22	22	22	22M	22	22	22M	22	22M	22	22M	
Meadowhall, Interchange	-	-	-	-	-	0740	-	-	0835	-	0905	-	0935	
Kimberworth, South St/Deepdale Rd	-	-	-	-	-	0745	-	-	0841	-	0911	-	0941	
Rotherham, Interchange	a. -	-	-	-	-	0755	-	-	0852	-	0922	-	0952	
Rotherham, Interchange	d. 0530	0600	0630	0700	0730	0800	0820	0842	0857	0912	0927	0942	0957	
Rawmarsh, Dale Rd/Quarry St	0541	0611	0641	0711	0741	0811	0831	0854	0909	0924	0939	0954	1009	
Manvers, Dearne Valley Col	0548	0618	0648	0718	0748	0818	0838	0901	0916	0931	0946	1001	1016	
Wath upon Dearne, Bus Stn	a. 0555	0625	0655	0725	0755	0825	0845	0908	0923	0938	0953	1008	1023	
Wath upon Dearne, Bus Stn	d. 0556	0626	0656	0726	0756	0826	0847	0910	0925	0940	0955	1010	1025	
Wombwell, High St/Post Office	0610	0640	0710	0740	0810	0840	0901	0924	0939	0954	1009	1024	1039	
Stairfoot, Doncaster Rd/Hunningley Cl	0618	0648	0718	0748	0818	0849	0910	0933	0948	1003	1018	1033	1048	
Barnsley, Interchange	0627	0657	0727	0757	0827	0859	0920	0943	0958	1013	1028	1043	1058	

Appendix TS 3

2 Kilometre Walking Accessibility Plan



Appendix TS 4

Appendix TS 5

Site	Street	No. Houses	No Houses Occupied	Date of Survey
North Huyton	Montreal Gardens	116	116	23/09/2014
Dodworth	Moorland Walk	33	33	23/09/2014
Doe Lea	East Street	192	192	23/09/2014
Bradford	Gaisby Lane	45	44	23/09/2014
Sunderland	Mulberry Avenue	76	48	23/09/2014
Newton Aycliffe	Backhouse Walk	19	19	23/09/2014
Middlesborough	Daisy Lane	16	16	23/09/2014
South Shields	Gerald Street	26	26	23/09/2014
Langold	Cemetery Road	92	38	23/09/2014
	Total	615	532	

Appendix TS 6