BARRATT HOMES LIMITED

PROPOSED
RESIDENTIAL DEVELOPMENT
FORMER S R GENT,
DODWORTH ROAD, BARNSLEY
TRANSPORT ASSESSMENT

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Report prepared by Martin Whitaker Date September 2008

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1. INTRODUCTION

1.1 Sanderson Associates (Consulting Engineers) Limited has been appointed by Barratt Homes Ltd of Sheffield to produce a Transport Assessment in support of a planning application for the redevelopment of the former S R Gent site for a residential use. The site is located to the south of the A628, Dodworth Road, west of the Barnsley town centre.

1.2 A document indicating the scope of the Transport Assessment was submitted to Barnsley Metropolitan Borough Council's Highway Department after which a draft Transport Assessment was produced and submitted to the Council for comment.

1.3 This Assessment considers in detail:

- the local highway network
- road accident statistics
- the likely traffic movements from the present authorised use of the site
- the likely traffic movements from the development proposal
- the net impact of the development on the local highway network
- the accessibility of the site in relation to sustainable transport

1.4 For the purposes of this study the site has been visited, measurements have been taken as well as observations made of existing traffic and

pedestrian movements together with a peak period traffic and vehicle speed surveys.

1.5 Sanderson Associates and Barratt Homes Ltd are aware that a planning application has been submitted by Barnsley MBC for the development of an Advanced Learning Centre (ALC) located on land to the immediate south east of this site. This Transport Assessment deals however solely with the Barratt Homes Ltd proposal and it is understood from discussions with the Council's highway officers that the ALC will be the subject of a separate Transport Assessment.

1.6 Sanderson Associates and Barratt Homes Ltd are also aware of a potential highway improvement scheme for the Dodworth Road area known as the "Penny Pie Link". The scheme is not however approved by the Council and as no firm commitment exists the Council's highway officer advises that for the purpose of this report this draft improvement scheme should be ignored.

1.7 From discussions with the Council's highway officer it is also understood that no adverse concerns have been raised to the draft version of this Transport Assessment. **It should be noted that the draft Transport Assessment related to a significantly higher level of development (36 apartments and 164 houses) than now proposed (17 apartments and**

149 houses). The draft Assessment included a Picady model of the junctions operation with development traffic, which was considered to be acceptable by the Council's highway officer. Given that there is a substantial reduction in the number of units now proposed it is not considered necessary to repeat that exercise in this TA.

2. EXISTING SITUATION

2.1 The Site and Surrounds

2.1.1 The SR Gent site is located on land to the south of the A628 Dodworth Road, approximately 1.5 km west of Barnsley Town Centre. The site has an area of 10.8 acres (4.37 hectares) of which 10.3 acres (4.17 hectares) is available for development.

2.1.2 The site, which is now cleared, was previously occupied by industrial development which included two large factories with associated warehousing split up into four units. The Council is aware of the reasons for the very recent demolition of the buildings, these being related to health and safety issues and problems with unauthorised access.

2.1.3 An operational 6 pump petrol filling station with car wash is currently situated on the front of the site, which takes direct access and egress onto the A628 Dodworth Road.

2.1.4 The site is bounded by the A628 Dodworth Road to the north, established residential developments to the east and west, and large playing fields to the south.

2.1.5 The site is currently accessed via a simple priority junction onto the A628 Dodworth Road, positioned to the western boundary of the site frontage. A

ghost island is provided with Dodsworth Road for vehicles turning right into the site. It is understood that this access has accommodated large service vehicles and a reasonable level of traffic on a day to day basis to the former factories.

2.1.6 As previously mentioned the petrol filling station located along the site frontage has two established access points which operate independently to the main site entrance.

2.1.7 The Dodworth Road/Broadway/Pogmoor Road four arm signalised junction is located approximately 200m to the west of the site, with junction 37 of the M1 located a further 500m to the west. The Town End roundabout is located some 1.2km east of the site.

2.1.8 Two bus shelters are located immediately west of the site along the A628 Dodworth Road. Further discussion on the details of existing sustainable transport facilities are set out in Section 5 of this report.

2.1.9 The general location of the site is illustrated in Figure 1.

2.2 Highway Network

2.2.1 The A628 Dodworth Road runs west to east from junction 37 of the M1 for approximately 1.9km where it meets the Dodworth Road/Summer

Lane/Shambles Street/Peel Street/West Way/Racecommon Road six arm roundabout (Town End Roundabout) at the edge of Barnsley town centre. The A628 Dodworth Road is approximately 9.7m wide along the frontage of the site with a 3.0m right turn ghost island and is lit to main road. There are wide standard footways on both sides of Dodworth Road with a landscaped verge to its northern flank in the vicinity of the recreation ground located opposite the development site.

2.2.2 The A628 Dodworth Road is subject to a 40 mph speed limit from junction 37 of the M1 to the four arm signalised junction of Dodworth Road/Broadway/Pogmoor Road from which point the speed limit is reduced to 30mph past the site.

2.2.3 Traffic Regulation Orders preventing parking, waiting and loading between the hours of 08:00 - 09:30 hrs and 16:30 – 18:00 hrs are located to both sides of the A628 Dodworth Road in the vicinity of the site.

2.3 Personal Injury Accident Data

2.3.1 Barnsley Metropolitan Borough Council has been requested to supply information on all recorded personal injury accidents that have occurred in the past 5 years within the vicinity of the site.

2.3.2 Within the study area a total of fifteen slight accidents have been recorded over a 5 year period.

2.3.3 A brief summary of the recorded accidents is detailed below with full details of the accidents and an accident location plan diagram contained at Appendix A at the rear of this report.

Site frontage

2.3.4 A total of four accidents have occurred in the immediate vicinity of the site, all of which were classified as slight. No serious or fatal accidents have been recorded.

Dodworth Road/Broadway/Pogmoor Road signals

2.3.5 A total of five slight accidents occurred at this signalised junction which is typical of what may be expected to an interchange of this type.

Dodworth Road

2.3.6 The remaining six accidents occurred on the A628 Dodworth Road, approximately between the junctions of St Hilda Avenue and Grosvenor Drive. Precise details being as indicated on the accident plan, Appendix A.

2.3.7 No significant clusters or trends were identified within the study area.

2.4 Vehicle Speed Survey

2.4.1 A vehicle speed survey in accordance with the Departmental Advice Note TA 22/81 'Vehicle Speed Measurements on All Purpose Roads' was undertaken along A628 Dodworth Road on Monday 22nd January 2007 when the road surface was dry.

2.4.2 Full details of the speed survey are contained within Appendix B at the rear of this report with a summary tabulated below:

Ta

Dodworth Road, Barnsley	Travelling East 100 Readings	Travelling West 105 Readings
Mean Speed	32.32 mph 52.01 kph	31.49 mph 50.68 kph
85th Percentile Speed	35.99 mph 57.92 kph	34.95 mph 56.25 kph
85th Percentile Speed wet weather speed	**33.51 mph** **53.93 kph**	**32.46 mph** **52.24 kph**

2.4.3 With reference to the 'Design Manual for Roads and Bridge' TD9/93 Volume 6 which provides guidance on the recommended visibility to be achieved at junctions on primary routes, the desirable minimum major road distance ('Y') should be 90m to the west and 90m to the east.

2.4.4 Only vehicles travelling in free flowing conditions were recorded In accordance with TA22/81 'Vehicle Speed Measurements on All Purpose Roads', however it must be noted that the majority of vehicles travelling westbound (towards the nearby signals) in peak periods were travelling

significantly slower than in free flowing conditions due to vehicles slowing down on the approach to queuing occurring along the frontage of the site.

2.5 Existing Traffic Conditions

2.5.1 Fully classified traffic surveys were carried out along the frontage of the site and at the nearby residential development on Grosvenor Drive and Branksome Avenue between the hours of 0700 – 0930 hrs and 1600 – 1830 hrs.

2.5.2 The morning and evening peak hours for the through flow along Dodworth Road were identified as being 07:15 - 08:15hrs and 16:00 – 17:00 hrs respectively and 08:15 – 09:15 hrs and 17:00 - 18:00 hrs for the residential development. The peak hour traffic flows are as shown in Figure 2.

2.5.3 The differing peak hours for the residential traffic and through flow along Dodworth Road have been combined to replicate a “worse case scenario”.

2.5.4 All junction assessments have been carried out at the year of submission (2007) and a design year of 2012 (5 years growth) in accordance with ‘Guidance on Transport Assessment’ March 2007. Growth rates from the computer program Tempro 5 will be applied to the existing traffic data to

growth this to the design year of 2012 (2007- 2012 - 1.060 i.e. 6%). The Tempro output is contained within Appendix E at the rear of this report.

3. PROPOSED DEVELOPMENT

3.1 Development Proposals

3.1.1 The proposed development consists of the erection of a residential development totalling 166 dwellings, comprising of the following:

- 17 Apartments
- 149 houses of a variety of types

3.1.2 The proposed housing density understood to be in line with current guidance set out in PPS3: Housing.

3.1.3 The existing petrol filling station along the site frontage will be demolished.

3.2 Access

3.2.1 The proposed access will be located in a similar position to the existing access and the existing 3.0 wide right turn ghost island on Dodsworth Road will be adjusted to suit.

3.2.2 The priority junction will comprise of a 5.5m carriageway with 10m kerb radii and 2.0m footways to either side. The egress will flare to 8.0m to improve capacity and reduce delay. An analysis of the operation this junction is contained within section 4.6 of this report.

3.2.3 As previously mentioned, with reference to the 'Design Manual for Roads and Bridge' TD9/93 Volume 6 which provides guidance on the recommended visibility to be achieved at junctions on primary routes, the desirable minimum major road distance ('Y') should be 90m to the west and 90m to the east.

3.2.4 The Department for Transport document 'Manual for Streets' suggests that 'X' distances in excess of 2.4m can be dangerous and should only be provided where capacity is an issue. Visibility splays of 2.4m x 90m can be achieved in both directions in accordance with 85th percentile wet weather speed recordings. Visibility splays of 4.5m x 90m can be achieved to the east (critical direction) and 4.5m x 70m to the west. Given that capacity is not an issue (see section 4.5) it is considered that visibility splays of 2.4m x 90m are adequate, however for completeness splays set back by an 'X' distance of 4.5m have been provided.

3.2.5 The Highways and Traffic Department of the Council have suggested that vehicles travelling westbound along Dodworth Road wishing to turn right onto Pogmoor road were observed to utilise the right turn ghost island into the site to avoid queuing traffic travelling straight ahead at the signals towards Junction 37 of the M1. To combat this issue our client is willing to fund a traffic splitter/pedestrian island to prevent vehicles overtaking and thus prevent the abuse of the right turn ghost island. The addition of this

island will also assist pedestrian movements to and from the recreational ground located to the north of the site, however it must be noted that the abuse of this ghost island will most likely have been as a result of the closure of the S R Gent site, therefore the traffic associated with its redevelopment is likely alleviate this misuse.

3.2.6 If deemed necessary, the precise location of the island will be identified and agreed with the Local Highways and Traffic Department and could be dealt with by an appropriately worded planning condition.

3.2.7 Details of the proposed access arrangement are illustrated on Barratt's Planning Layout submitted with this application.

4. TRAFFIC IMPACT ASSESSMENT

4.1 Existing Traffic Generation

4.1.1 As mentioned previously until very recently the site was occupied by two large industrial units with a gross floor area of 18,947m² with a significant level of external space available for service parking and servicing. The six pump petrol filling station with car washing facilities is still fully operational on the Dodworth Road frontage.

4.1.2 To give an indication of the potential level of traffic that could have been generated by the industrial units the TRICS 2007(a) database has been interrogated. These trips rates have been agreed previously with the Council in a draft of this TA. The land use category Employment – Industrial Units has been assumed. The full TRICS data is contained at Appendix B with the 85th percentile peak hour trip rates and subsequent generated traffic tabulated below.

Weekday Assessment Period	Trip Rate per 100m² Industrial Unit		Trips for 18,947m² Industrial Unit		Total Trips
	Arrivals	Departures	Arrivals	Departures	
0800-0900	0.923	0.197	175	37	212
1700-1800	0.126	1.186	24	225	249

4.1.3 Whilst it is not unreasonable to assume that a redevelopment of industrial floor space to the previous existing level would be acceptable to the LPA for comparison purposes and to ensure a very robust approach this

assessment assumes that only 60% of the previous gross floor area would be redeveloped. By applying this reduction two way traffic generation flows in the order of 127 trips in the AM peak and 149 in the PM peak would therefore be expected.

4.1.4 The TRICS database has once again been utilised for the existing petrol filling station in order to predict the level of traffic associated with its use in peak hour periods. The full TRICS data is also contained at Appendix B with the 85th percentile peak hour trip rates and subsequent generated traffic tabulated below.

Weekday Assessment Period	Trip Rate per bay		Trips for 6 petrol filling bays		Total Trips
	Arrivals	Departures	Arrivals	Departures	
0800-0900	10.250	10.000	62	60	122
1700-1800	10.250	10.667	62	64	124

4.1.5 Similarly it is acknowledged that a proportion of the above trips will be 'pass by'. For the purposes of this assessment it has been assumed that only 50% of the total trips are pass by, therefore again reducing the two way generation flows to 61 in the AM peak and 62 in the PM peak.

4.1.6 Utilising the reduced rates allowing for a potential industrial redevelopment and 'pass by' trips, the site could generate in the region of 188 two way trips in the morning peak hour and 211 two way trips in the pm peak hour.

4.2 Proposed Traffic Generation

4.2.1 The TRICS 2007(a) database has again been interrogated in order to obtain relevant trip rates for the proposed residential dwellings. These trips rates have again been agreed previously with the Council in a draft of the TA. The land use category Residential – Houses Privately Owned has been utilised.

4.2.2 The full TRICS data is contained at Appendix B with the 85th percentile peak hour trip rates and subsequent generated traffic tabulated below.

Houses Privately Owned

Weekday Assessment Period	Trip Rate per Residential Dwelling		Trips for 149 Residential Dwellings		Total Trips
	Arrivals	Departures	Arrivals	Departures	
0800-0900	0.235	0.600	35	89	124
1700-1800	0.519	0.307	77	46	123

4.2.3 A trip generation rate of 0.8 peak hour trips per dwelling is widely used to predict the effect a residential development would have on the highway network. As can be seen from the trip rates detailed above, the two way value of 0.8 is exceeded in both the AM and PM peak periods and is therefore considered to be very robust.

4.2.4 For further comparative purposes a traffic survey was undertaken at the nearby residential estate on Grosvenor Drive and Branksome Avenue picking up all turning movements at its junction with Dodworth Road to enable a suitable trip rate and traffic distribution to be calculated.

4.2.5 The residential estate is occupied by 88 dwellings varying in house type between semi detached, detached and bungalows. The results of the survey are summarised below:

Weekday Assessment Period	Traffic Generation from 88 Dwellings		Calculated trip rates		Two way trip rate
	Arrivals	Departures	Arrivals	Departures	
0815-0915	23	33	0.26	0.38	0.64
1700-1800	39	24	0.45	0.27	0.72

4.2.6 As can be seen from the above table, the traffic generation associated with this nearby residential estate is much lower than the TRICS database suggests and the value of 0.8. When utilising the surveyed trip rates the subsequent generated traffic is in the order of 32 two way trips (23% reduction) and 17 (12% reduction) two way trips lower than those utilised for assessment purposes.

4.2.7 To summarise the trip rates utilised for assessment purposes for the residential dwellings are higher than the value of 0.8 and the actual generation of the nearby residential development, and are therefore considered to be very robust.

4.2.8 When interrogating the TRICS database for the proposed apartments, two way 85th percentile trip rates of 0.230 and 0.274 are calculated. It is acknowledged that these trip rates are low and have not been used for

assessment purposes, although they are indicative of eleven sites surveyed across the United Kingdom.

4.2.9 A two way trip rate of 0.4 is also widely considered to represent the effect of an apartment unit and has therefore been utilised within our assessment works. The outbound/inbound traffic has been split on the basis of 80%/20% in the morning and reversed in the evening.

4.2.10 The trip rates utilised within this report are considered to represent an absolute worse case scenario. On this basis, actual traffic generation is likely to be less than those quoted.

Flats Privately Owned

Weekday Assessment Period	Trip Rate per Residential Flat		Trips for 17 Residential Flats		Total Trips
	Arrivals	Departures	Arrivals	Departures	
0800-0900	0.320	0.08	5	1	6
1700-1800	0.08	0.320	1	5	6

4.2.11 The proposed traffic generation distributed onto Dodworth Road is illustrated in Figure 5.

4.3 Comparative Traffic Generation

4.3.1 As can be seen from the above tables, using worst case 85th percentile traffic predictions, the proposed development could generate a net decrease of traffic in the region of 204 two way trips (61% reduction) in the

AM peak and 244 two way trips (65% reduction) in the PM peak when compared to the possible part reoccupation of the industrial buildings and petrol filling station even when removing pass by trips.

4.3.2 On this basis it is considered that no off site junction assessment is necessary given the significant reduction in traffic generation and vehicle type.

4.3.3 In relation to the comparison of traffic it should finally be noted that the predicted levels of residential traffic do not include any discounts for the effects of peak hour spreading or for changes from car usage to more modes of sustainable transport.

4.4 Traffic Distribution

4.4.1 The existing through flow past the site suggests that traffic flows are generally balanced in either direction. The turning proportions surveyed at the residential estate suggest a slight bias towards Barnsley Town Centre for departing vehicles but is also balanced for arrivals. The proposed generated traffic flows have been assigned on the surrounding highway network using existing turning proportions as surveyed at the nearby residential development as illustrated on Figure 4 as this represents a worse case scenario given that a bias towards a right turning vehicle will have a worse effect on junction capacity and delay. The proposed

generated traffic flows distributed on the highway network illustrated on Figure 5.

4.5 Junction Modelling

4.5.1 As mentioned previously PICADY v5.1 assessments of the junction's operation incorporating the proposed development traffic have been carried out in the draft Transport Assessment. Both the 2007 (year of application) and 2012 (base design year) were modelled and **it should be noted that the draft Transport Assessment related to a significantly higher level of development (36 apartments and 164 houses) than now proposed (17 apartments and 149 houses).** The results of the Picady model were considered and confirmed to be acceptable by the Council's highway officer. Given that there is a substantial reduction in the number of units now proposed it is not considered necessary to repeat that exercise in this TA.

4.5.2 For reference however the previous results for the **higher number** of dwellings is as indicated below:

Assessment Scenario	Max Ratio of Flow to Capacity (RFC)	Max Queue (veh)
Base 2007 + Development AM Peak	0.319	0.46
Base 2007 + Development PM Peak	0.346	0.52
Base 2012 + Development AM Peak	0.212	0.26
Base 2012 + Development PM Peak	0.235	0.30

4.5.3 From the table above it can be seen that in the application year of 2007 and design year of 2012 allowing for the additional traffic generated by the **originally higher level of development** the proposed site access will operate well within capacity in both the AM and PM peak hours.

5. SUSTAINABLE TRANSPORT

5.1 Bus Services

5.1.1 Two bus shelters with seating facilities are positioned immediately west of the site along the A628 Dodworth Road. Further bus stops are located along Pogmoor Road and Broadway some 350 m from the site.

5.1.2 A summary of the available services along Dodworth Road can be found below:

20 – Barnsley – Penistone – Millhouse Green – Holmfirth – Huddersfield

Monday – Saturday daytime	60 mins
Evenings	60 mins
Sundays	120 mins

21 – Barnsley – Penistone – Cubley

Monday – Saturday Daytime	60 mins
Evenings	No Service
Sundays	No Service

22 – Barnsley – Penistone – Cubley

Monday – Saturday Daytime	60 mins
Evenings	60 mins
Sundays	120 mins

23 – Barnsley – Stockbridge – Penistone - Barnsley

Monday – Saturday Daytime	120 mins
Evenings	No Service
Sundays	120 mins

24 – Barnsley – Stockbridge – Penistone – Barnsley

Monday – Saturday Daytime	120 mins
Evenings	No Service
Sundays	No Service

24A – Barnsley – Stockbridge – Penistone – Barnsley

Monday – Saturday Daytime	No Service
Evenings	No Service
Sundays	120 mins

X2 – Sheffield – Dinnington – Laughton- en-le-Morthen

Monday – Saturday Daytime	Peak Hour Service
Evenings	No Service
Sundays	No Service

5.1.3 A summary of the available services along Broadway can be found below:

43 – Barnsley – Pogmoor – Kingstone - Barnsley

Monday – Saturday Daytime	30 mins
Evenings	60 mins
Sundays	60 mins

44 – Barnsley – Kingstone – Pogmoor – Barnsley

Monday – Saturday Daytime	30 mins
Evenings	60 mins
Sundays	60 mins

5.1.4 A summary of the available services along Pogmoor Road can be found below:

14 – Barnsley – Dodworth – Gilroyd (circle)

Monday – Saturday Daytime	30 mins
Evenings	60 mins
Sundays	60 mins

43 – Barnsley – Pogmoor – Kingstone - Barnsley

Monday – Saturday Daytime	30 mins
Evenings	60 mins
Sundays	60 mins

44 – Barnsley – Kingstone – Pogmoor – Barnsley

Monday – Saturday Daytime	30 mins
Evenings	60 mins
Sundays	60 mins

J1 – Carlton – Redbrook – Dodworth

Monday – Saturday Daytime	60 mins
Evenings	No Service
Sundays	No Service

5.1.5 Frequent services extend into Barnsley town centre. From the town centre further frequent services to Dewsbury, Doncaster, Huddersfield, Leeds, Sheffield and Wakefield are all accessible.

5.2 Train Services

5.2.1 Barnsley Railway Station is located some 2200 m from the proposed site. Barnsley Railway Station is located on both the Hallam and Penistone Lines. The Railway Station has two platforms and is linked to the bus station. A summary of services can be found below:

Hallam Line

Leeds - Castleford - Wakefield Kirkgate - **Barnsley** – Sheffield

Monday – Saturday Daytime	60 mins
Late Evening	60 mins
Sunday	120 mins

Leeds - Wakefield Kirkgate - **Barnsley** - Sheffield (fast service)

Monday – Saturday Daytime	60 mins
Late Evening	no service
Sunday	120 mins

Penistone Line

Huddersfield - Honley - Denby Dale - **Barnsley** – Sheffield

Monday – Saturday Daytime	60 mins
Late Evening	60 mins
Sunday	120 mins

5.2.2 The Barnsley Interchange is currently under construction and is scheduled for completion in spring 2007. The new interchange will comprise of 22 bus stands, 2 coach stands, drop off facilities on the railway side (Interchange Way), taxi rank and improved car parking for rail users.

5.3 Walking

5.3.1 The Institution of Highways and Transportation publication 'Providing for Journeys on Foot' contains a range of desirable, acceptable and preferred maximum walking distances for a variety of types of journeys.

5.3.2 For commuting journeys the range of walking distances is from 500 - 2000m. There are existing bus shelters immediately west of the site and therefore these are very accessible for residents travelling by bus. The Barnsley Railway Station is approximately 2.20km from the site which is just outside this threshold, however it may be feasible for potential residents to commute to the nearby railway station or to the town centre by foot, however it is conceded that travelling by cycle or public transport maybe more realistic.

5.3.3 Adequate footways and street lighting are provided on A628 Dodworth Road with signalised crossing facilities located at the nearby signalised junction, opposite Crown Hill Road, near Alma Street and on all arms of the Town End roundabout. Connections through the site to assist accessibility are to be provided as part of the development.

5.3.4 Barnsley Town Centre is located within some 1.6km of the proposed site, which fall outside the preferred maximum walking distances as detailed

with 'Providing for Journeys on Foot', however this distance equates to only a short bus or cycle journey.

5.3.5 Local amenities are easily accessible from the site including a post office, newsagents, pharmacy, health clinic and veterinary surgery. Extensive amenities are located within Barnsley town centre.

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5.3.6 The Kingstone School, Rockley Mount School, Holgate Secondary School are all located well within the acceptable walking distances as set out in 'Providing Journeys on Foot'.

5.4 Cycling

5.4.1 Cycling has the potential to substitute short trips, particularly those under 5km. Barnsley town centre is located some 2km from the site. This would equate to a cycle journey of approximately 3 minutes at an average cycle speed of 12m/s.

5.4.2 Secure cycle parking facilities will be provided on site for the proposed apartments. Cycles can be stored within either the garage or curtilege of each individual dwelling.

5.5 Encouraging changes in modes of transport

5.5.1 As part of the sales particulars new owners will be provided with an Information Pack which details the local services that are both within

walking and cycling distances. In addition the Pack will contain details of the availability of local bus services with connections to local railway stations.

5.5.2 The Pack will also include information on the benefits of walking and cycling in relation to general health and mobility.

5.5.3 During pre-submission discussions with the Council into means of encouraging the use of sustainable transport it has been agreed that a Travel Plan for the development will be required. The provision of the Travel Plan will be addressed by a specific planning condition.

6. CONCLUSIONS

6.1 The proposed development consists of the erection of a residential development to the south of the A628 Dodworth Road on the former S R Gent site.

6.2 No significant clusters or trends were identified within the study area and based on the level of development proposed it is considered that there will be no detrimental affect on highway safety.

6.3 As can be seen from the tables in Section 4, the proposed development could generate a net **decrease** in traffic of approximately 204 two way trips (61% reduction) in the AM peak and 244 two way trips (65% reduction) in the PM peak, when compared to a partial rebuild of the industrial units and the traffic generated by the petrol filling station. This assessment is particularly robust in that 85th percentile trip rates are used, only a partial rebuild of the factories are modelled, 'pass by' trips to the filling station are significantly discounted and there is no discount for peak hour spreading or changes to sustainable modes of travel.

6.4 The proposed site access has been examined by computer modelling and **even with the higher level of development set out in the draft TA** will operate within capacity at the application year of 2007 and design year of 2012 with the proposed development traffic.

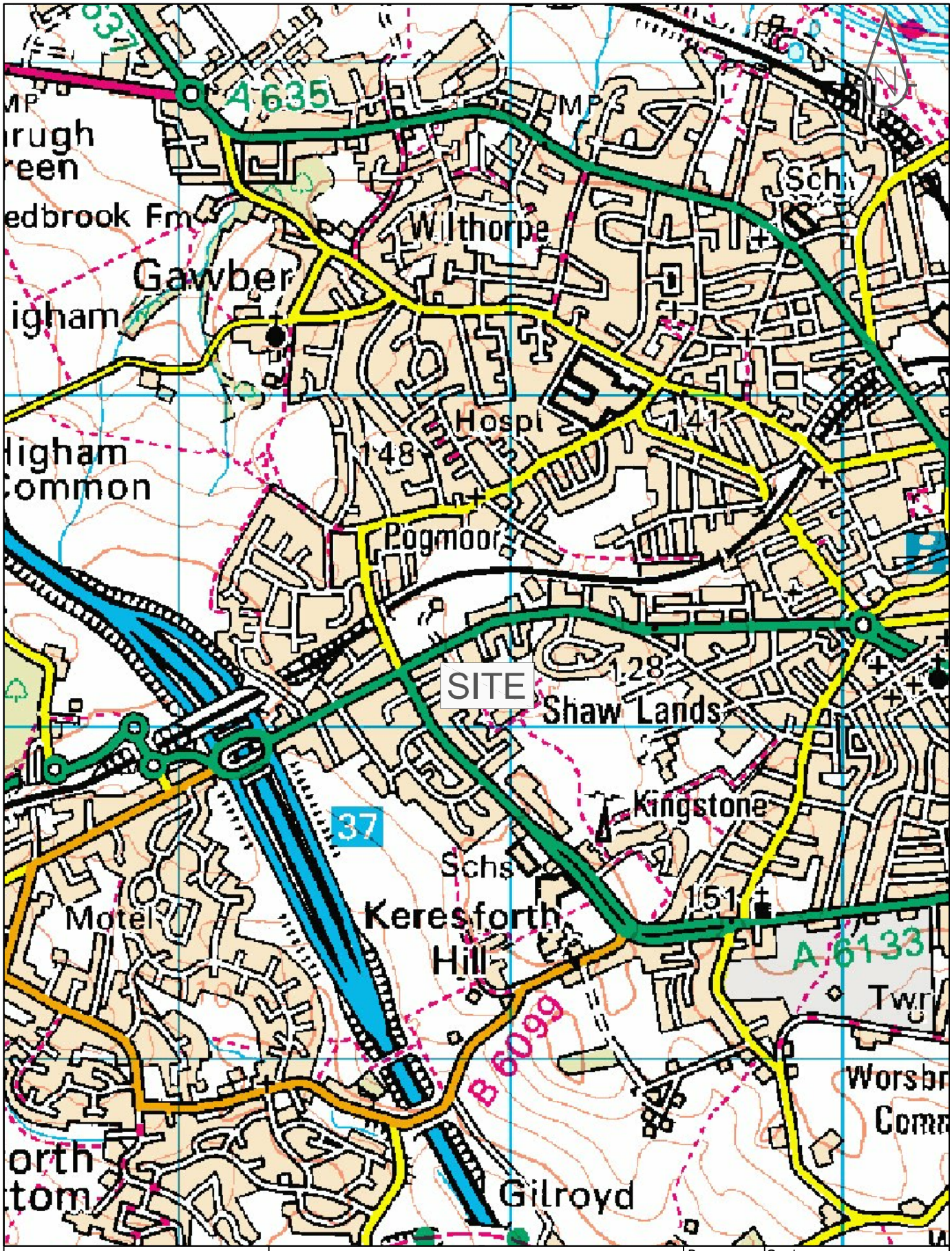
6.5 In addition it is considered that the predicted trip generations are an absolute worst case demand given the comparisons to nearby residential development and good public transport provision. Actual trip generations are likely to be considerably lower than those used for assessment purposes.

6.6 The site is currently very well served by public transport. The close proximity of bus services and direct pedestrian links will enhance the likelihood of the new occupants of the units being supportive of sustainable modes of transport, and will reduce traffic generation and car parking demand.

6.7 In addition it is a requirement of the Council that if approved the provision of a Travel Plan will be a condition of the development.

6.8 The Council has already indicated that it has raised no adverse highway concerns to the draft Transport Assessment and Sanderson Associates requests that the Council confirms the findings of this final report.

FIGURES

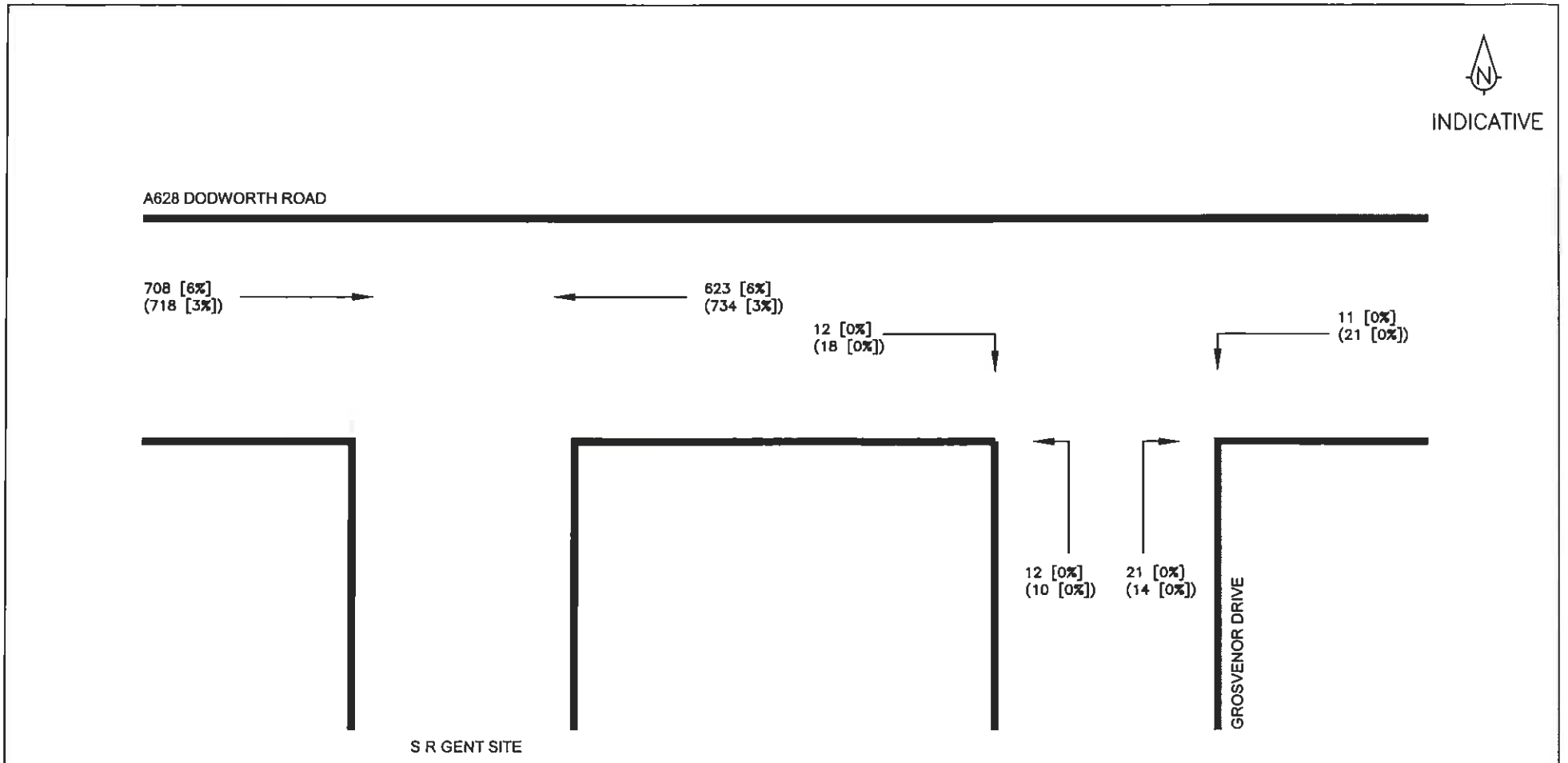


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FORMER S R GENTS, DODWORTH ROAD, BARNSLEY

SITE LOCATION PLAN

Drawn	Scale	
MEW	NTS	
Checked	Date	
	JUNE 07	
Approved	Drawing Number	Rev
	FIGURE 01	

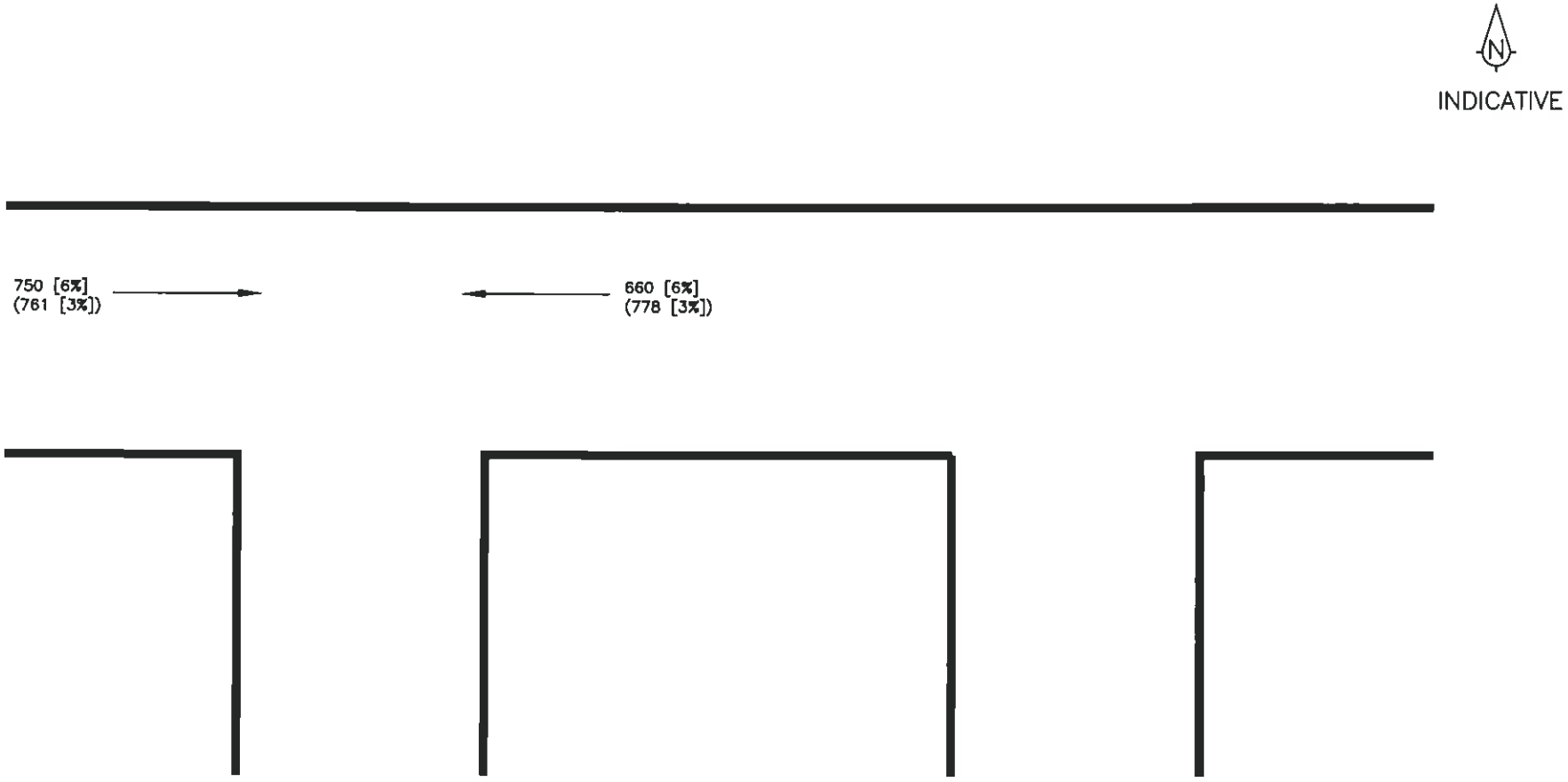


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FORMER S R GENTS, DODWORTH RD
BARNSLEY

EXISTING 2007 TRAFFIC SURVEY

Drawn	Scale
MEW	NTS
Checked	Date
	JUNE 2007
Approved	Drawing Number / Rev
	FIGURE 02



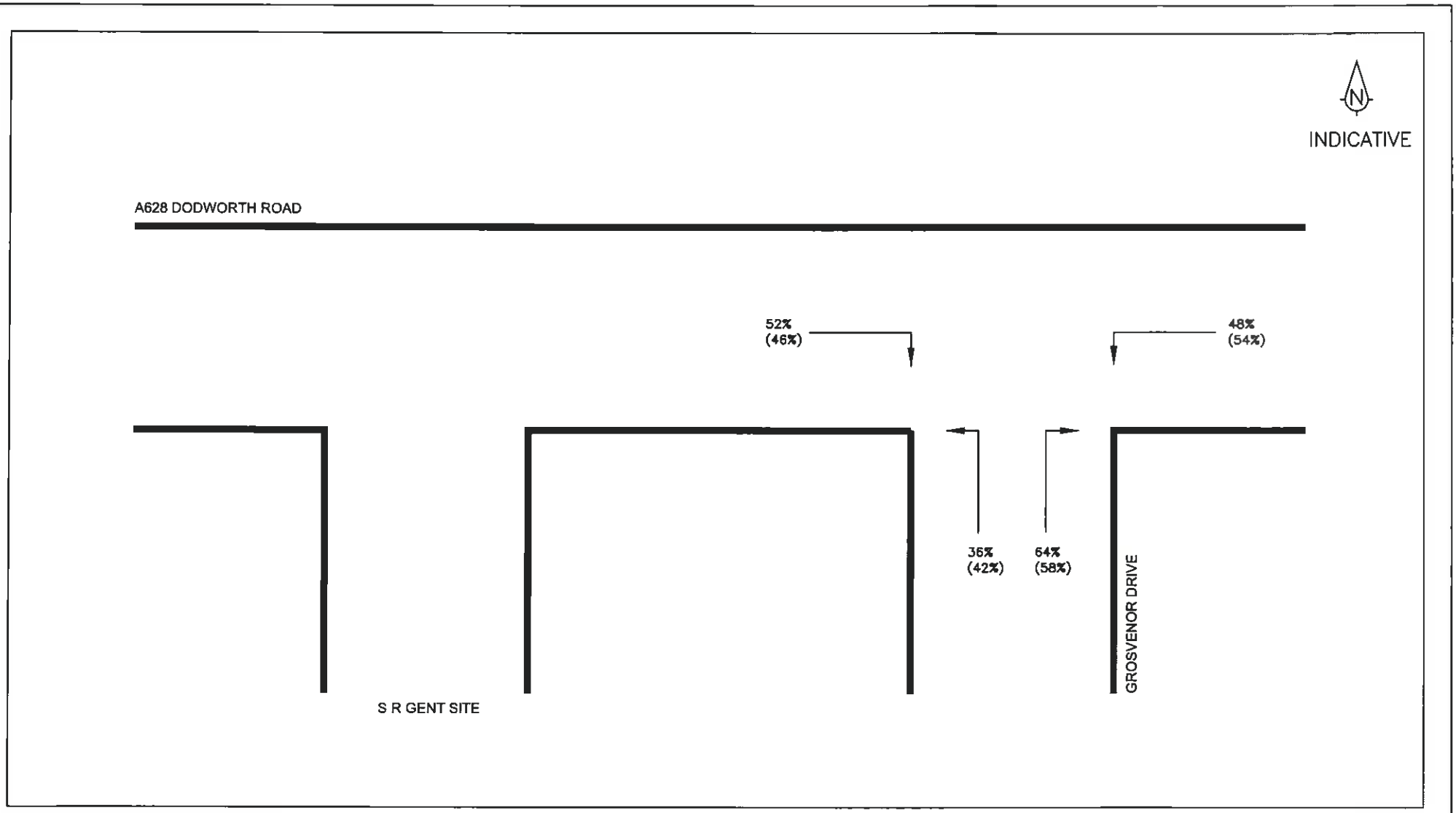
TWO WAY FLOW
AM PEAK HOUR 07:15 - 08:15 [HGV %]
PM PEAK HOUR (16:00-17:00 [HGV %])

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FORMER S R GENTS, DODWORTH RD
BARNSLEY

BASE 2012 TRAFFIC FLOWS

Drawn	Scale
MEW	NTS
Checked	Date
	JUNE 2007
Approved	Drawing Number / Rev
	FIGURE 03

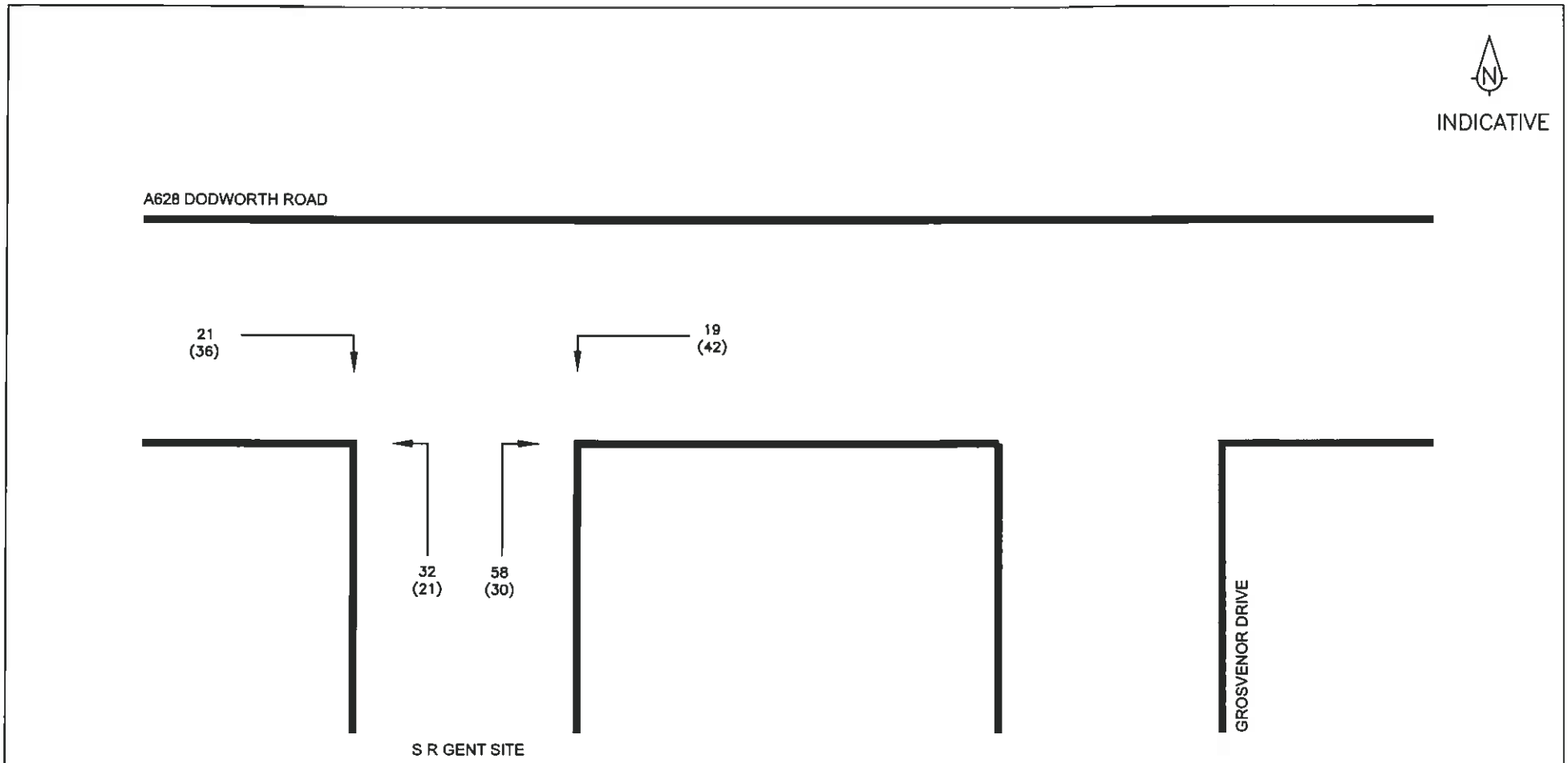


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FORMER S R GENTS, DODWORTH RD
BARNSLEY

PROPOSED TURNING PROPORTIONS

Drawn	Scale
MEW	NTS
Checked	Date
	MAY 2007
Approved	Drawing Number / Rev
	FIGURE 04

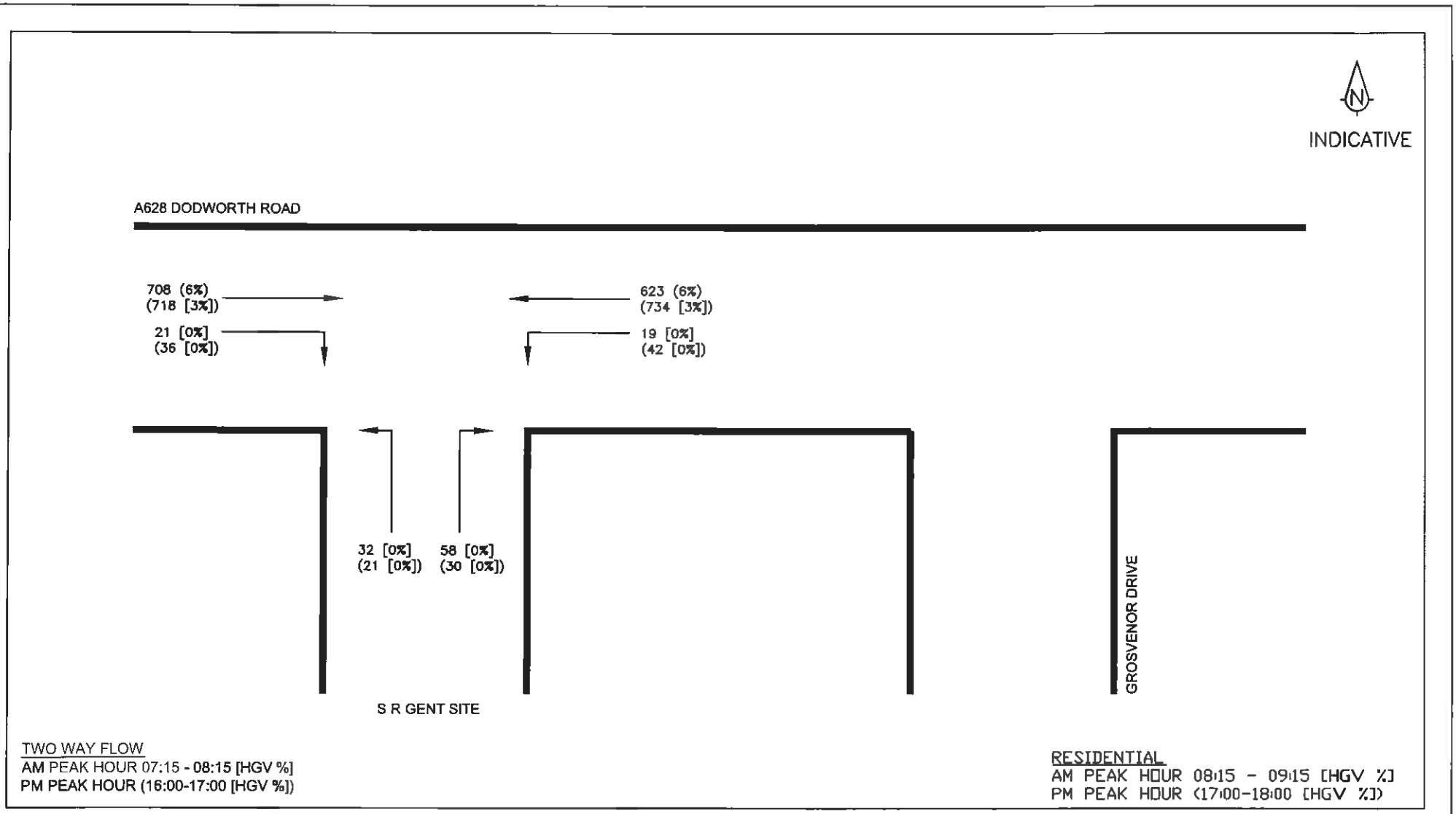


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FORMER S R GENTS, DODWORTH RD
BARNSLEY

PROPOSED TRAFFIC GENERATION

Drawn	Scale
AB	NTS
Checked	Date
RIG	SEPT 08
Approved	Drawing Number / Rev
RIG	FIGURE 05 / A

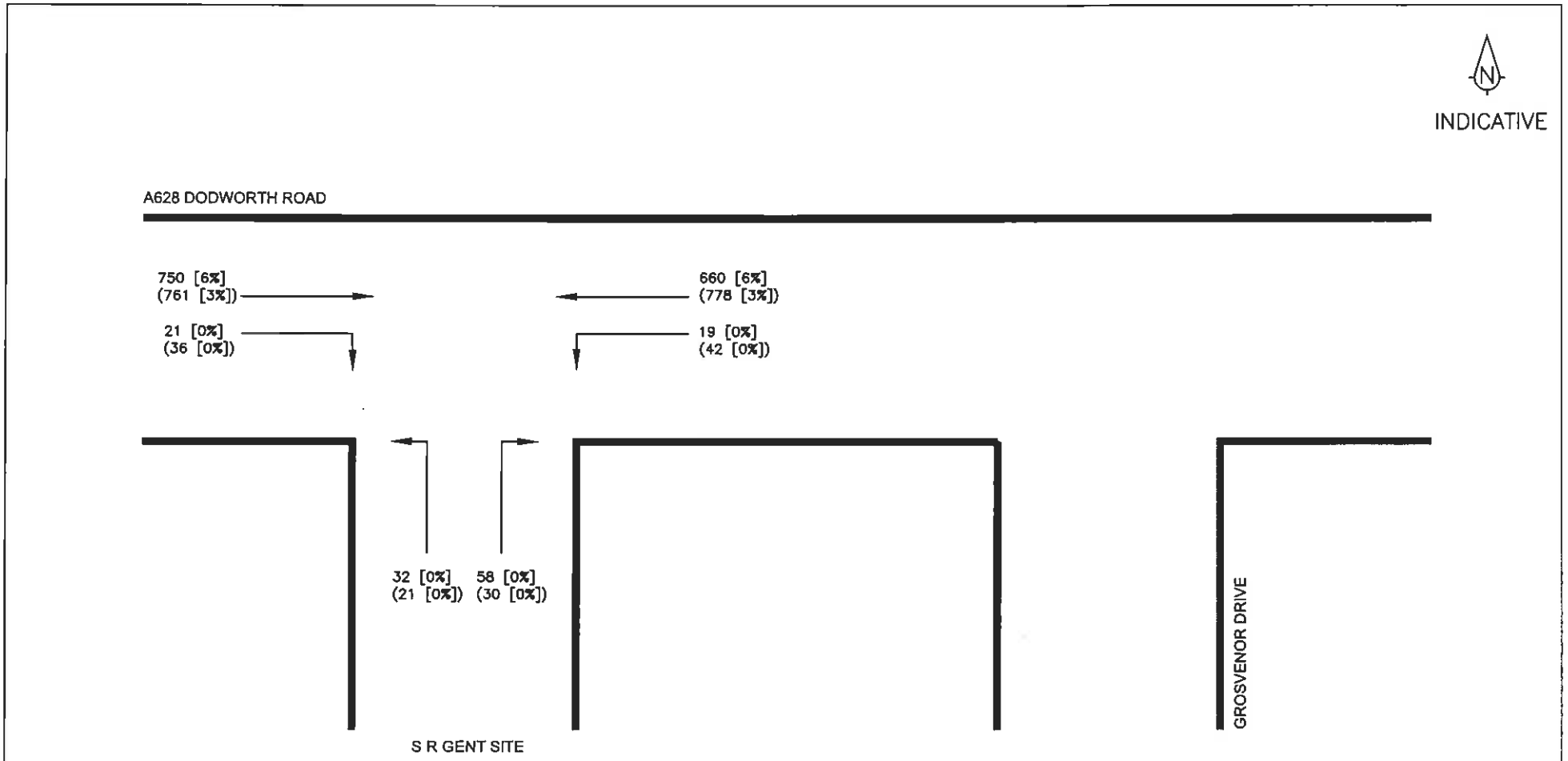


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FORMER S R GENTS, DODWORTH RD
BARNSLEY

BASE 2007 + PROPOSED TRAFFIC GENERATION

Drawn	Scale
AB	NTS
Checked	Date
RIG	SEPT 08
Approved	Drawing Number	Rev
RIG	FIGURE 06	A



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FORMER S R GENTS, DODWORTH RD
BARNSLEY

BASE 2012 + PROPOSED TRAFFIC GENERATION

Drawn	Scale
AB	NTS
Checked	Date
RIG	SEPT 08
Approved	Drawing Number	Rev
RIG	FIGURE 07	A

APPENDICES

APPENDIX A

PERSONAL INJURY ACCIDENT DATA



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S R GENT, DODWORTH ROAD, BARNSLEY

PERSONAL INJURY PLOT DIAGRAM

rev	amendment	date	chkd

Drawn MEW	Scale 1:2000	
Checked	Date JUNE 2007	
Approved	Drawing Number APP A	Rev

Dodworth Road 2002 to 2006 inclusive

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00504-05	Slight	Thursday	14/04/2005	12:50	432195/405918		

Location: M1 JCT 37 DODWORTH 500 MTS FROM EXIT SLIP RD **1st Rd:** M1 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
70 MPH	Dual c'way	NotJCT	Light/no lights	Rain	Wet	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	N S	On main	Not at	Yes	Bollard	O/s rebound	Cent barr	Female	35	-
2	Goods > 7.5t	Art	Going ahead	N S	On main	Not at	No	None	None		Male	57	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	35	Slight	No	Not ped	Not ped	Not ped	

Description: V1 TV M1 SB AT JCT 37 DRIVER LOSES CONTROL & COLL WITH CENTRAL BARRIER, TV ACROSS ALL 3 LNS & COLL WITH BARRIER UNDER BRIDGE, REBOUNDS ACROSS MWAY & IS STRUCK BY V2 PUSHING IT BACK ACROSS 3 LNS & BACK INTO CENTRAL BARRIER

User Information: **Contributory Factors:** 406 409 410 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 01705	Slight	Tuesday	07/12/2004	16:44	432200/405920		

Location: M1 SBC BARNSLEY **1st Rd:** M1 **2nd Rd:** 0000

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
70 MPH	Dual c'way	NotJCT	Light/no lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	13.00	No	Chg rt lane	P P	Busway	Not at	No	None	None	Male	45	-
2	Car	No	O/T mov veh	P P	Busway	Not at	No	None	None	Male	35	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	35	Slight	No	Not ped	Not ped	Not ped	

Description: V1 MOVES FROM LN 1 INTO LN2 MAKING CONTACT WITH V2 WHICH WAS O/T V1

User Information: **Contributory Factors:** 026 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01346-06	Slight	Friday	06/10/2006	07:40	432202/405961		

Location: JUNCTION 37 M1 SLIPROAD BARNSLEY AT JCT DODWORTH ROAD ROUNDA **1st Rd:** M1 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Rain	Wet	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Pedal Cycle	No	Lt hand ben	E W	On main	Mid junction	No	None	None	Male	48	N
2	Car	No	Lt hand ben	S N	On main	Mid junction	No	None	None	Male	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	48	Slight	No	Not ped	Not ped	Not ped	

Description: VEH2 ENTRS JCT 37 SLPRD OF M1 & APPCHS DODWORTH RD VEH1 TRVL ARND RNDBT AS VEH2 ENTS RND BT IT CLPS RR OF VEH1

User Information: **Contributory Factors:** 405 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00492	Serious	Sunday	22/06/2003	11:20	432220/405960		

Location: DODWORTH RD POGMOOR S/B SLIP RD OFF JCT 37 M1 **1st Rd:** A628 **2nd Rd:**

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	M/c 125-500cc	No	Rt hand ben	P P	Busway	Junt appr	No	None	Nearside	Other	Male	24	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	24	Serious	No	Not ped	Not ped	Not ped	

Description: V1 TV AROUND R/ABOUT WHEN VEH LEFT C/WAY, TRAVELLED UP EMBANKMENT & COLL WITH HEDGE & TREE. RIDER THROWN FROM VEH & SUSTAINS SERIOUS INJ

User Information: **Contributory Factors:** 003 023 024 043

Dodworth Road 2002 to 2006 inclusive

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00091	Slight	Tuesday	05/02/2002	15:46	432260/405920		

Location: DODWORTH RDBT DODWORTH BARNSLEY RD **1st Rd:** A628 **2nd Rd:**

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	E SW	Busway	Junt cleared	No	None	None	Male	43	-
2	Car	No	Rt hand ben	SE W	Busway	Junt cleared	No	None	None	Male	21	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Female	21	Slight	No	Not ped	Not ped	Not ped	

Description: V2 ON RDBT, V1 EMERGING FROM SLIP RD INTO PATH OF V2.

User Information: **Contributory Factors:** 038 026 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01427-06	Slight	Friday	27/10/2006	17:30	432276/405932		

Location: DODWORTH RD ROUNDABOUT BARNSLEY J/W M1 JCT 37 **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Dark/lights lit	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	On main	Ent r'about	No	None	None	Male	20	N
2	Car	No	Stop	P P	On main	Junt appr	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	20	Slight	No	Not ped	Not ped	Not ped	

Description: V1 STATIONARY WAITING TO ENTER R/ABOUT WHEN V2 COLL WITH REAR OF V1

User Information: **Contributory Factors:** 405 408 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00611-05	Slight	Tuesday	03/05/2005	13:00	432276/405936		

Location: BARNSLEY RD DODWORTH AT ROUNDABOUT J/W M1 **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/no lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Stop	P P	On main	Junt appr	No	None	None	Female	0	N
2	Car	No	Waiting	P P	On main	Junt appr	No	None	None	Female	46	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Female	46	Slight	No	Not ped	Not ped	Not ped	

Description: V2 WAITING TO ENTER R/ABOUT J/W M1 WAS STRUCK BY V1 TV SAME DIRC

User Information: **Contributory Factors:** 405 406 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 01453	Slight	Wednesday	27/10/2004	14:19	432384/405998		

Location: DODWORTH RD BARNSLEY HUNTER AVE **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	P P	Busway	Not at	No	None	None	Female	27	-
2	Car	No	Going ahead	P P	Busway	Not at	No	None	None	Male	33	N
3	13.00	No	Going ahead	P P	Busway	Not at	No	None	None	Male	53	N
4	Car	No	Going ahead	P P	Busway	Not at	No	None	None	Male	51	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	27	Slight	No	Not ped	Not ped	Not ped	

Description: VEH'S TR IN SAME DIREC, V1 COLL WITH REAR OF V2 PUSHING IT INTO V3 PUSHING IT INTO V4.

User Information: **Contributory Factors:** 023 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00146-06	Slight	Tuesday	31/01/2006	15:00	432405/406011		

Location: DODWORTH RD BARNSLEY AT J/W HUNTERS AVE **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Dual c'way	T/Stag Give	Light/with lights	Fine	Dry	None	Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in	Left cway	Hit obj off	Sex	Age	B
2	Car	No	Going ahead	W E	On main	Mid junction	No	None		None	Untra.	0	N
1	Goods < 3.5t	No	Wt turn rt	W E	On main	Junt appr	Yes	None	Offside	Other	Male	47	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	47	Slight	No	Not ped	Not ped	Not ped	

Description: V1 IN INSIDE LN AND MOVES TO RGT IN ORDER TO MAKE LEFT TURN BUT V2 TR IN OPP DIRECTION COLL WITH O/S OF V1.

User Information: **Contributory Factors:** 406 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00337	Slight	Wednesday	01/05/2002	16:10	432410/406010		

Location: DODWORTH RD DODWORTH HUNTERS AVE **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Single c'way	T/Stag Give	Light/with lights	Fine	Dry	None	Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in	Left cway	Hit obj off	Sex	Age	B
1	Goods3.5-7.5	No	Right turn	SW E	Busway	Junt appr	No	None		None	Female	38	-
2	Car	No	Going ahead	SW NE	Busway	Junt appr	Yes	None		None	Female	27	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	38	Slight	No	Not ped	Not ped	Not ped	
2	2	Drv/Rider	Female	27	Slight	No	Not ped	Not ped	Not ped	

Description: BOTH VEH'S TR TOE TOWN, V1 IN N/S LN, V2 IN O/S LN, V1 ATTEMPTS TO TN RGT ACC PATH OF V2 AND COLL OCC.

User Information: **Contributory Factors:** 022 026 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00232-05	Slight	Thursday	17/02/2005	18:50	432469/406046		

Location: DODWORTH RD BARNSLEY O/S NO. 287 **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Dark/lights lit	Fine	Dry	None	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in	Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	SW NE	On main	Not at	No	None		None	Male	42	N
2	Pedal Cycle	No	Going ahead	P P	Footway	Not at	No	None		None	Male	17	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	17	Slight	No	Not ped	Not ped	Not ped	

Description: V1 TV MIDDLE LN DODWORTH RD FROM M1 TW BARNSLEY. TF ON N/S TV TW BSLY QUEUING, TF FLOWING FREELY IN OPP DIRC. PEDCYC(V2) TRIED TO CROSS RD FROM N/S OF V1. ON CLEARING STATIONARY TF HE RODE DIRECTLY INTO PATH OF V1WHICH WAS JUST CLEARING PED XING ON GREE

User Information: **Contributory Factors:** 0 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01066-06	Slight	Friday	18/08/2006	08:55	432475/406055		

Location: DODWORTH RD BARNSLEY 100 MTS FROM J/W POGMOOR RD **1st Rd:** A628 **2nd Rd:**

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Rain	Wet	None	Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in	Left cway	Hit obj off	Sex	Age	B
1	Car	No	Stop	W E	On main	Not at	No	None		None	Female	46	N
2	Car	No	Stop	W E	On main	Not at	No	None		None	Male	41	N
3	Car	No	Stop	W E	On main	Not at	No	None		None	Female	34	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	46	Slight	No	Not ped	Not ped	Not ped	

Description: V3 & V1 STATIONARY IN ROW OF TRAFFIC. V2 COLL WITH V1 PUSHING V1 INTO V3.

User Information: **Contributory Factors:** 103 406 707 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00732-05	Slight	Tuesday	31/05/2005	14:40	432478/406046		

Location: DODWORTH RD BARNSLEY 80 MTS FROM WHITEHILL AVE **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Single c'way	NotJCT	Light/with lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Stop	E E	On main	Not at	No	None	None	Female	31	N
2	Car	No	Going ahead	E E	On main	Not at	No	None	None	Male	42	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Passenger	Female	33	Slight	Front	Not ped	Not ped	Not ped	

Description: V1 SLOWED TO ALLOW VEH TO REVERSE FROM DRIVEWAY, V2 FOLLOWING FAILED TO REACT IN TIME AND COLL WITH REAR OF V1.

User Information: **Contributory Factors:** 406 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00853	Slight	Wednesday	30/10/2002	15:00	432510/406070		

Location: DODWORTH RD BARNSLEY WHITE HILL AVENUE **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Single c'way	NotJCT	Dark/lights lit	Fine	Dry	Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	SW NE	Busway	Not at	No	None	None	Male	44	-
2	Car	No	Going ahead	SW NE	Busway	Not at	No	None	None	Male	55	-
3	Goods3.5-7.5	No	Going ahead	SW NE	Busway	Not at	No	None	None	Male	36	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Passenger	Female	50	Slight	No	Not ped	Not ped	Not ped	

Description: ALL 3 VEH'S TR IN SLOW TR APPROACHING TF LGTS, V1 STOPS, V2 SLOWS BUT V3 FOLL FAILS TO REACT IN TIME AND COLL WITH REAR OF V2 PUSHING IT INTO V1.

User Information: **Contributory Factors:** 028 042 059 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00402	Slight	Saturday	20/04/2002	13:05	432670/406170		

Location: POGMOOR RD DODWORTH DODWORTH RD **1st Rd:** C785 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	X-Rds ATS	Light/with lights	Fine	Dry	Ped Phase	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Wt turn rt	NW SE	Busway	Junt appr	No	None	None	Female	47	-
2	Car	No	Going ahead	NW SE	Busway	Junt appr	No	None	None	Male	38	+

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	47	Slight	No	Not ped	Not ped	Not ped	
2	1	Passenger	Male	0	Slight	No	Not ped	Not ped	Not ped	

Description: V1 STATIONARY AT RED ATS WAITING TO TURN R V2 COLL REAR V1

User Information: **Contributory Factors:** 054 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00484-06	Slight	Tuesday	11/04/2006	09:00	432674/406152		

Location: DODWORTH RD BARNSLEY AT J/W BROADWAY **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Dual c'way	X-Rds ATS	Light/with lights	Fine	Dry	Ped Phase	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	M/c > 500cc	No	Waiting	W E	On main	Mid junction	No	None	None	Male	22	N
2	Car	No	Waiting	W E	On main	Mid junction	No	None	None	Female	31	N
3	Car	No	Going ahead	W E	On main	Mid junction	No	None	None	Female	27	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Female	31	Slight	No	Not ped	Not ped	Not ped	

Description: V3 COLL WITH V2 PUSHING IT INTO V1.

User Information: **Contributory Factors:** 405 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00565	Slight	Friday	18/07/2003	18:40	432680/406160		

Location: DODWORTH RD BARNSLEY BROADWAY **1st Rd:** A628 **2nd Rd:** A6133

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	Multi ATS	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	P P	Busway	Junt cleared	No	None	None	Female	35	-
2	Car	No	Going ahead	P P	Busway	Junt cleared	No	None	None	Female	30	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	35	Slight	No	Not ped	Not ped	Not ped	
2	2	Drv/Rider	Female	30	Slight	No	Not ped	Not ped	Not ped	
3	2	Drv/Rider	Female	30	Slight	No	Not ped	Not ped	Not ped	

Description: V1 TV DODWORTH RD TW BARNSLEY THROUGH GREEN ATS V2 TV FROM BROADWAY & COLL V1. DRIVER OF V1 SAW PED XING LIGHTS WERE AT GREEN & CONTINUED THROUGH JCT

User Information: **Contributory Factors:** 021 027 029 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00683	Slight	Thursday	05/09/2002	14:30	432690/406130		

Location: BROADWAY POGMOOR HAREWOOD AVE **1st Rd:** A6133 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Fine	Dry	None None	ATS out	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	SE NW	Busway	Not at	No	None	None	Male	32	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Female	82	Slight	No	Stand	Offside	In c'way	

Description: V1 TV NTH ALONG BROADWAY WHEN PARTIALLY SIGHTED ELDERLY LADY WALKED INTO SIDE OF V1

User Information: **Contributory Factors:** 083 081 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00676	Slight	Friday	06/09/2002	02:40	432700/406160		

Location: DODWORTH RD DODWORTH POGMOOR RD **1st Rd:** A628 **2nd Rd:** C785

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	X-Rds ATS	Dark/lights lit	Fine	Dry	None Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	NE SW	Busway	Junt appr	No	None	None	Male	0	-
2	Car	No	Waiting	NE SW	Busway	Junt appr	No	None	None	Male	54	-
3	Car	No	Going ahead	NE SW	Busway	Junt appr	Yes	None	None	Male	35	+

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	54	Slight	No	Not ped	Not ped	Not ped	
2	2	Passenger	Male	20	Slight	No	Not ped	Not ped	Not ped	
3	2	Passenger	Male	21	Slight	No	Not ped	Not ped	Not ped	
4	2	Passenger	Female	21	Slight	No	Not ped	Not ped	Not ped	

Description: VEH3 COLL REAR OF STAT VEH2 PUSHING IT INTO REAR OF VEH1 STAT AT RED ATS WHEN TW M1

User Information: **Contributory Factors:** 054 059 024 041

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00986	Slight	Friday	19/12/2003	11:15	432773/406206		

Location: DODWORTH RD BARNSLEY BROADWAY TRAFFIC LIGHTS **1st Rd:** A628 **2nd Rd:** B6133

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	P P	Busway	Not at	No	None	None	Male	43	-
2	Car	No	Going ahead	P P	Busway	Not at	No	None	None	Male	43	-
3	Car	No	Going ahead	P P	Busway	Not at	No	None	None	Male	49	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	43	Slight	No	Not ped	Not ped	Not ped	
2	3	Drv/Rider	Male	49	Slight	No	Not ped	Not ped	Not ped	

Description: ALL 3 VEHS TV UP A628 IN HEAVY TF.V1 BEGINS TO SLOW BUT IS STRUCK FROM BEHIND BY V2, WHICH IN TURN PUSHES V1 INTO V3

User Information: **Contributory Factors:** 028 000 000 000

Dodworth Road 2002 to 2006 inclusive

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00528	Slight	Friday	04/07/2003	17:25	432800/406220		

Location: DODWORTH RD BARNSLEY BROADWAY/POGMOOR RD **1st Rd:** A628 **2nd Rd:** A6133

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	Priv Give	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	M/c 125-500cc	No	Going ahead	P P	Busway	Junt cleared	No	None	None	Male	40	N
2	Car	No	Right turn	P P	Bus ln	Junt cleared	No	None	None	Female	43	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	40	Slight	No	Not ped	Not ped	Not ped	

Description: V1 TV A628 TW BROADWAY ATS V1 COMMENCES TO O/T LINE OF STATIONARY VEHS IN FRONT. V2 EMERGES FROM WORKS ENTRANCE TO N/S OF V1 IN ORDER TO TURN R. FRONT N.S OF V2 COLL WITH N/S OF V1

User Information: **Contributory Factors:** 026 028 012 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 00834	Slight	Friday	18/06/2004	20:50	432807/406229		

Location: DODWORTH ROAD BARNSLEY SR GENTS ENTRANCE **1st Rd:** A628 **2nd Rd:** PRIVA

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	SW NE	Busway	Junt appr	No	None	None	Female	27	N
2	M/c 50-125cc	No	Right turn	P P	Busway	Junt appr	No	None	None	Male	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	0	Slight	No	Not ped	Not ped	Not ped	

Description: VEH1 TRVL ON DODWTH RD PRLL WTH JCT FOR SR GENTS ON OF/SD WHN RD ON MTR CYC NEGLGTLY PLLS OUT & COLL OCCRS

User Information: **Contributory Factors:** 024 026 030 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00375	Slight	Wednesday	08/05/2002	17:19	432840/406240		

Location: DODWORTH RD BARNSLEY POGMOOR RD/BROADWAY **1st Rd:** A628 **2nd Rd:** A6133

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Right turn	SE NE	Bus ln	Not at	No	None	None	Male	48	-
2	M/c 125-500cc	No	O/T sta veh	NE SW	Busway	Not at	No	None	None	Male	23	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	23	Slight	No	Not ped	Not ped	Not ped	

Description: V1 TV OUT OF GARAGE FORECOURT ON DODWORTH RD INTENDING TO TURN R TO BSLY V2 TV DODWORTH RD PASSING STATIONARY TF V1 EMERGES ONTO RD & COLL V2

User Information: **Contributory Factors:** 012 026 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 00027	Slight	Thursday	08/01/2004	08:50	433000/406311		

Location: DODWORTH RD BARNSLEY HILDA ST **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Light/with lights	Rain	Wet	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	W E	Busway	Junt appr	Yes	None	None	Male	17	N
2	Car	No	Right turn	W E	Busway	Junt appr	No	None	None	Male	31	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	31	Slight	No	Not ped	Not ped	Not ped	

Description: BOTH VEH'S TR IN SAME DIREC, V2 BRAKED AND INDICATED TO TN RGT, V1 FOLLOWING FAILED TO REACT IN TIME AND COLL WITH REAR OF V2.

User Information: **Contributory Factors:** 002 026 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01737-06	Slight	Thursday	21/12/2006	14:15	433059/406324		

Location: DODWORTH RD BARNSLEY **1st Rd:** A628 **2nd Rd:**

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Fine	Wet	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Stop	E W	On main	Not at	No	None	None	Male	54	-
2	Car	No	Start	N W	On main	Not at	No	None	None	Female	19	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Female	19	Slight	No	Not ped	Not ped	Not ped	

Description: V1 FLASHED FOR VEH ON RGT TO PULL OUT BUT V2 THOUGHT IT WAS FOR HER AND PULLED INTO PATH OF V1 AND COLL OCC.

User Information: **Contributory Factors:** 406 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 01851	Slight	Wednesday	15/12/2004	13:05	433110/406320		

Location: DODWORTH RD BARNSLEY O/S POLAR FORD **1st Rd:** A628 **2nd Rd:** 0000

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Fine	Wet	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Wt turn rt	P P	Busway	Not at	No	None	None	Female	28	N
2	13.00	No	Going ahead	P P	Busway	Not at	No	None	None	Male	40	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	28	Slight	No	Not ped	Not ped	Not ped	

Description: BOTH VEH'S TR IN SAME DIRECTION, V1 SLOWED DOWN BUT V2 FAILED TO REACT IN TIME AND COLL WITH REAR OF V1.

User Information: **Contributory Factors:** 002 011 028 042

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00855	Slight	Thursday	06/11/2003	15:25	433186/406320		

Location: GROSVENOR DR BARNSLEY DODWORTH RD **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Dark/no lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Left turn	P P	Bus ln	Junt cleared	No	None	None	Male	62	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Male	13	Slight	No	Stand	Nearside	In c'way	

Description: PED CROSSED RD WHILST VEH WAS TURNING LEFT AND COLL OCC.

User Information: **Contributory Factors:** 081 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01159-05	Slight	Tuesday	23/08/2005	17:40	433188/406324		

Location: DODWORTH RD BARNSLEY AT J/W GROSVENOR DRIVE **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Light/with lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	N E	On main	Mid junction	No	None	None	Male	50	N
2	M/c > 500cc	No	O/T mov veh	E W	On main	Junt appr	No	None	None	Male	20	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	20	Slight	No	Not ped	Not ped	Not ped	

Description: V1 EMERGING FROM DRIVE IN BETWEEN STATIONARY TF, V2 OVERTAKING STATIONARY TF COLL WITH V1.

User Information: **Contributory Factors:** 406 701 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00475	Slight	Friday	13/06/2003	20:43	433210/406320		

Location: DODWORTH RD BARNSLEY MAY TERR **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	Other Give	Dark/lights lit	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Wt turn rt	P P	Busway	Junt appr	No	None	None	Male	25	N
2	Car	No	Waiting	P P	Busway	Junt appr	No	None	None	Male	22	+

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	25	Slight	No	Not ped	Not ped	Not ped	

Description: V1 WAITING TO TN RGT, V2 FOLLOW FAILED TO REACT IN TIME AND COLL WITH REAR OF V1. V2 THEN LEFT THE SCENE.

User Information: **Contributory Factors:** 054 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00415	Slight	Friday	24/05/2002	13:00	433340/406280		

Location: DODWORTH RD BARNSLEY SHAW LN **1st Rd:** A628 **2nd Rd:**

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	W E	Busway	Not at	No	None	None	Male	53	-
2	Car	No	Going ahead	E W	Busway	Not at	No	None	None	Male	39	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	53	Slight	No	Not ped	Not ped	Not ped	
2	2	Drv/Rider	Male	39	Slight	No	Not ped	Not ped	Not ped	

Description: DRIVER OF V1 HAS COUGHING FIT AND DRIFTS INTO PATH OF V2 AND COLL OCC.

User Information: **Contributory Factors:** 052 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01233-06	Slight	Wednesday	20/09/2006	15:25	433351/406289		

Location: DODWORTH ROAD BARNSLEY 20 METS J/W ROSEDALE GARDENS **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Goods < 3.5t	No	O/T on N/S	P P	On main	Junt cleared	No	None	None	Male	35	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Male	12	Slight	No	North	Near Masked	In c'way	

Description: V1 MOVING ROUND BUS FROM WHICH CAS1 ALIGHTED. V1 COLLS WITH CAS1.

User Information: **Contributory Factors:** 802 701 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00890-06	Slight	Wednesday	12/07/2006	15:45	433398/406274		

Location: DODWORTH RD BARNSLEY 10 FROM MTS SHAW LN **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	Other Give	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	On main	Leav main	No	None	None	Female	53	N
2	Car	No	Waiting	P P	On main	Junt cleared	No	None	None	Male	18	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	53	Slight	No	Not ped	Not ped	Not ped	
2	1	Passenger	Female	19	Slight	Front	Not ped	Not ped	Not ped	
3	1	Passenger	Female	11	Slight	Rear	Not ped	Not ped	Not ped	
4	1	Passenger	Female	0	Slight	Rear	Not ped	Not ped	Not ped	
5	1	Passenger	Male	10	Slight	Rear	Not ped	Not ped	Not ped	
6	2	Passenger	Male	17	Slight	Front	Not ped	Not ped	Not ped	

Description: BOTH VEH'S TR IN SAME DIRECTION, V1 BRAAKES BEHIND ANOTHER VEH BUT V2 FAILS TO REACT IN TIME AND COLL WITH REAR OF V1.

User Information: **Contributory Factors:** 406 306 308 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00856	Slight	Friday	31/10/2003	18:41	433402/406281		

Location: DODWORTH RD BARNSLEY WESTBOURNE TERR **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Dark/lights lit	Rain	Wet	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Goods > 7.5t	No	Left turn	P P	Busway	Junt appr	No	None	None	Male	59	-
2	M/c 50-125cc	No	Going ahead	P P	Busway	Junt appr	No	None Nearside	None	Male	17	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	17	Slight	No	Not ped	Not ped	Not ped	

Description: BOTH VEH'S TR IN SAME DIREC, V1 STATES INDICATED TO TN LEFT BUT HAD TO SWING OUT INTO MIDDLE OF RD AND AS HE DID V2 WAS UNDERTAKING AND COLL OCC. V2 STATES V1 WAS NOT INDICATING AND AS HE WAS IN CENT

User Information: **Contributory Factors:** 026 028 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 00240	Slight	Saturday	14/02/2004	20:11	433407/406281		

Location: DODWORTH ROAD BARNSLEY SHAW LANE/WESTBOURNE TERRACE **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Dark/lights lit	Rain	Wet	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	SE W	Bus ln	Junt cleared	Yes	None	None	Untra.	0	N
2	Car	No	Going ahead	W E	Busway	Junt appr	No	None	None	Male	38	-
3	Car	No	Parked	P P	Cyc ln	Leave r'abou	No	None	None	Male	38	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	38	Slight	No	Not ped	Not ped	Not ped	
2	2	Passenger	Female	36	Slight	No	Not ped	Not ped	Not ped	
3	2	Passenger	Female	38	Slight	No	Not ped	Not ped	Not ped	
4	2	Passenger	Male	42	Slight	No	Not ped	Not ped	Not ped	

Description: VEH1 APPCHNG JCT WTH DODWRTH RD FROM SHAW LN AT SPD & W/O STPNG GOES STGHT AHEAD AT JCT XING OVR CNTR LN MRKNGS & COLLS HEADON WTH VEH2 WHO WAS TRVL ON DODWORTH RD TWDS TWN CTR

User Information: **Contributory Factors:** 024 037 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00613	Slight	Sunday	11/08/2002	13:45	433410/406280		

Location: DODWORTH ROAD BARNSLEY SHAW LANE **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Wt turn rt	W E	Busway	Junt appr	No	None	None	Male	33	N
2	Car	No	Waiting	W E	Busway	Junt appr	Yes	None	None	Male	23	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Passenger	Female	38	Slight	No	Not ped	Not ped	Not ped	
2	1	Passenger	Female	19	Slight	No	Not ped	Not ped	Not ped	
3	1	Passenger	Female	14	Slight	No	Not ped	Not ped	Not ped	

Description: VEH1 RVL DWN DODWORTH RD TWDS BARNSLEY VEH2 TRVL BHD VEH1 VEH1 STPS TO TRN RT VEH2 FLS TO BRK & COLL OCCRS

User Information: **Contributory Factors:** 023 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00041	Slight	Tuesday	14/01/2003	12:10	433410/406280		

Location: DODWORTH RD BARNSLEY SHAW LN **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	S N	Busway	Junt appr	No	None	None	Male	22	N
2	Car	No	Right turn	E W	Busway	Junt appr	Yes	None Offside	None	Female	38	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Female	38	Slight	No	Not ped	Not ped	Not ped	

Description: V1 APP JCT AND SAW V2 APPROACHING BUT THOUGHT HE HAD TIME TO MOVE ONTO MAIN CARR SO PULLED OUT BUT V2 THEN COLL WITH V1.

User Information: **Contributory Factors:** 023 025 000 000

Dodworth Road 2002 to 2006 inclusive

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 01288	Slight	Thursday	23/09/2004	21:45	433420/406279		

Location: DODWORTH ROAD BARNSLEY SHAW ST **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	Other Give	Dark/lights lit	Rain	Wet	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	M/c 50-125cc	No	Going ahead	W E	Busway	Leave r'abou	Over	None	None	Male	21	N
2	Car	No	Start	E W	Busway	Leave r'abou	No	None	None	Female	18	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	21	Slight	No	Not ped	Not ped	Not ped	

Description: VEH1 TRVL ON DODWRTH RD TWDS TWN CNTR VEH2 IS ON SM SD RD FCNG IN OPP DRCTN AS STS OFF & PLLS AWAY TWDS DODWRTH BTH VEHS COLL HEAD ON

User Information: **Contributory Factors:** 002 026 028 061

	210	B-00620-05	Slight	Tuesday	10/05/2005	21:20	433504/406280			

Location: DODWORTH RD BARNSLEY AT J/W SOUTH ST **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Dark/lights lit	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Start	N E	On main	Junt cleared	No	None	None	Male	18	-
2	Car	No	Going ahead	N N	On main	Junt appr	No	None	None	Male	30	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	18	Slight	No	Not ped	Not ped	Not ped	
2	2	Drv/Rider	Male	30	Slight	No	Not ped	Not ped	Not ped	

Description: IT WOULD APPEAR THAT V1 HAS PULLED OUT AS HIS VIEW WAS RESTRICTED BY PARKED VEH'S AND COLL WITH V2.

User Information: **Contributory Factors:** 405 801 0 0 0 0

	210	03DD00827	Slight	Tuesday	28/10/2003	07:40	433661/406280			

Location: DODWORTH RD BARNSLEY SPRINGFIELD PL **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Light/with lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	Busway	Junt appr	No	None	None	Male	22	N
2	Car	No	Going ahead	P P	Busway	Junt appr	No	None	None	Male	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	0	Slight	No	Not ped	Not ped	Not ped	

Description: V2 SLOWED TO ALLOW UNKNOWN VEH TO EMERGE FROM JCT, V1 FOLL FAILED TO REACT IN TIME AND COLL WITH REAR OF V2.

User Information: **Contributory Factors:** 026 028 000 000

	210	03DD00900	Slight	Tuesday	25/11/2003	16:37	433668/406282			

Location: DODWORTH RD BARNSLEY TOWN END RDBT **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Rain	Wet	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	Busway	Not at	No	None	None	Female	18	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Male	10	Slight	No	Stand	Offside	In c'way	

Description: PED RAN INTO PATH OF VEH WITHOUT LOOKING AND COLL OCC.

User Information: **Contributory Factors:** 025 000 000 000

	210	04B 01234	Serious	Saturday	28/08/2004	11:13	433701/406284			

Location: DODWORTH RD BARNSLEY SPRINGFIELD ST **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	W E	Busway	Not at	No	None	None	Female	27	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Female	15	Serious	No	Stand	Nearside	In c'way	

Description: V1 TRAV ALONG DODWORTH RD TWRDS BARNSLEY. CAS 1 RUNS INTO RD FROM N/S INTO PATH OF V1.

User Information: **Contributory Factors:** 023 023 023 023

Dodworth Road 2002 to 2006 inclusive

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00652-06	Slight	Monday	15/05/2006	12:35	433718/406287		

Location: DODWORTH RD BARNSLEY J/W DEAN ST **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Light/with lights	Rain	Wet	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Bus or Coach	No	Going ahead	E W	On main	Junt appr	No	None	None	Male	51	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Passenger	Male	81	Slight	No	Not ped	Not ped	Not ped	

Description: V1 TV UP A628 APP DEAN ST. WHEN A VEH PULLED OUT OF DEAN ST IN FRONT OF V1 CAUSING V1 TO BRAKE. RESULTING IN PASS ON V1 BANGING HIS HEAD.

User Information: **Contributory Factors:** 602 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01394-05	Slight	Thursday	06/10/2005	13:35	433720/406289		

Location: DODWORTH RD BARNSLEY J/W SPRINGFIELD ST **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	Multi Give	Light/with lights	Fine	Dry	None	Rdworks	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Goods3.5-7.5	Dbl	Going ahead	P P	On main	Mid junction	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Male	46	Slight	No	Unknown	Back	On footway	

Description: PED WALKING ALONG DODWORTH RS DIRC OF BARNSLEY TOWN CENTRE. HE STRAYED ONTO THE RD TO AVOID ROADWORKS ON PATH & WAS STRUCK BY V1

User Information: **Contributory Factors:** 0 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00524	Slight	Monday	08/07/2002	19:15	433780/406270		

Location: ALMA ST BARNSLEY DODWORTH RD **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Light/with lights	Fine	Dry	None	Pelican None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	M/c <= 50cc	No	Going ahead	S N	Cyc ln	Junt appr	No	None	None	Female	20	-
2	Car	No	Left turn	E S	Tram	Leave r'abou	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	20	Slight	No	Not ped	Not ped	Not ped	

Description: V1 BEING RIDDEN AALONG ALMA ST TW DODWORTH RD WHEN V2 TURNED L ONTO ALMA ST & COLL HEAD ON V1

User Information: **Contributory Factors:** 025 031 024 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 01479	Slight	Friday	29/10/2004	12:23	433781/406283		

Location: DODWORTH RD BARNSLEY ABBEY VETS **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Light/with lights	Fine	Wet	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	E N	Tram	Leave r'abou	No	None	None	Male	36	-
2	M/c 125-500cc	No	O/T mov veh	E W	Tram	Leave r'abou	No	None	None	Male	32	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	32	Slight	No	Not ped	Not ped	Not ped	

Description: BOTH VEH'S TR TOW DODWORTH, V2 BEGAN TO OVERTAKE V1 AND TURN INTO VETS CAR PARK AT THE SAME TIME AS V1 BEGAN TO TURN INTO THE CAR PARK AND COLL OCC.

User Information: **Contributory Factors:** 038 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00625	Slight	Monday	11/08/2003	16:55	433790/406250		

Location: ALMA ST BARNSLEY DODWORTH RD **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	P P	Cyc ln	Not at	No	None	None	Male	0	N
2	Pedal Cycle	No	Stop	P P	Cyc ln	Not at	No	None	None	Female	7	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Female	7	Slight	No	Not ped	Not ped	Not ped	

Description: PED CYC STOPS IN MIDDLE OF RD TO TALK TO FRIENDS V1 TV FROM DODWORTH RD ONTO ALMA ST & COLL WITH CYC. DRIVER FAILS TO STOP.

User Information: **Contributory Factors:** 025 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 00822	Slight	Tuesday	15/06/2004	06:48	433801/406286		

Location: DODWORTH RD BARNSLEY SPRING ST **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Dark/no lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Goods > 7.5t	No	Parked	P P	Busway	Not at	No	None	None	Male	63	N
2	Car	No	O/T sta veh	P P	Busway	Not at	No	None	None	Male	46	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Male	14	Slight	No	Stand	Unknown	Unknown or	

Description: V2 (REFUSE WAGON) STATIONARY ON ZIG ZAG LINES SO V1PULLS AROUND WAGON, CAS RUNS OUT INTO PATH OF V1 AND COLL OCC.

User Information: **Contributory Factors:** 081 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 01771	Slight	Saturday	18/12/2004	12:50	433892/406285		

Location: DODWORTH RD BARNSLEY LANCASTER ST **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Light/with lights	Fine	Wet	Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Stop	E W	Busway	Leave r'abou	No	None	None	Female	43	-
2	M/c <= 50cc	No	Stop	W E	Busway	Leave r'abou	No	None	None	Male	18	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	18	Slight	No	Not ped	Not ped	Not ped	

Description: V1 TV A628 FROM TOWN CENTRE. V2 TV A628 IN OPP DIRC. V2 BRAKES HARD DUE TO VEH IN FRONT SUDDENLY STOPPING. DUE TO WET RD SURFACE V2 LOSES FRONT WHEEL &RIDER IS THROWN INTO PATH OF V1.

User Information: **Contributory Factors:** 002 023 059 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00755-06	Slight	Wednesday	07/06/2006	17:30	433906/406281		

Location: DODWORTH RD BARNSLEY AT J/W LANCASTER ST **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	T/Stag Give	Light/with lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Right turn	W S	On main	Junt cleared	No	None	None	Male	22	-
2	Car	No	Going ahead	S N	On main	Mid junction	No	None	None	Female	28	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Female	28	Slight	No	Not ped	Not ped	Not ped	

Description: V1 EMERGING FROM JCT BUT VIEW IS BLOCKED BY STATIONARY VEH'S, EDGED OUT AND COLL WITH V2 TR ON MAIN CARR.

User Information: **Contributory Factors:** 701 701 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00784	Slight	Sunday	12/10/2003	11:59	433917/406284		

Location: DODWORTH ROAD BARNSLEY LANCASTER STREET **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	Other Give	Light/with lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	P P	Busway	Junt appr	Yes	None	Offside	None	Female	30	-
2	Car	No	Going ahead	P P	Busway	Junt appr	Yes	None	Offside	None	Male	48	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
2	1	Drv/Rider	Female	30	Slight	No	Not ped	Not ped	Not ped	
3	1	Passenger	Female	0	Slight	No	Not ped	Not ped	Not ped	
1	2	Passenger	Female	0	Slight	No	Not ped	Not ped	Not ped	

Description: VEH1 TRVL UP DODWORTH RD TWDS DODWORTH VEH2 IS TRVL BHND VEH1,VEH1 INDCTS TO TRN RT INTO DRVWAY OF 51 DODWORTH RD VEH2 ALLGS VEH1 DIDNT INDCT & COLL OCCRS WHN VEH2 COLS WITH VEH1

User Information: **Contributory Factors:** 026 028 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01670-06	Slight	Thursday	07/12/2006	10:30	433977/406281		

Location: DODWORTH RD BARNSLEY 50 MTS FROM TOWNEND RDBT **1st Rd:** A628 **2nd Rd:**

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Dual c'way	NotJCT	Light/no lights	Fine	Dry	None	Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	W E	On main	Not at	No	None	None	Male	53	N
2	Car	No	Chg lt lane	W E	On main	Not at	No	None	None	Male	48	N
3	Car	No	Stop	W E	On main	Not at	No	None	None	Male	48	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Female	48	Slight	No	Not ped	Not ped	Not ped	

Description: BOT VEH'S TR ALONGSIDE EACH OTHER WHEN V2 MOVED OVER TO INSIDE LN WITHOUT WARNING CAUSING V1 TO COLL WITH REAR OF V2.

User Information: **Contributory Factors:** 404 405 406 409 602 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00745	Slight	Friday	26/09/2003	12:50	433984/406287		

Location: DODWORTH RD BARNSLEY TOWNEND ROUNDABOUT **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Fine	Dry	None	Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	Busway	Not at	No	None	None	Male	30	N
2	Car	No	Going ahead	P P	Busway	Not at	No	None	None	Male	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	30	Slight	No	Not ped	Not ped	Not ped	

Description: V1 TV A628 IS STATIONARY DUE TO QUEUING TF V2 COLL REAR OF V1

User Information: **Contributory Factors:** 025 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 01806	Slight	Friday	24/12/2004	17:55	434006/406286		

Location: DODWORTH ROAD BARNSLEY WESTWAY **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Dual c'way	NotJCT	Dark/lights lit	Rain	Wet	None	Zebra	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	M/c 50-125cc	No	Going ahead	W E	Bus ln	Not at	Yes	P'd veh u/l	None	Male	19	N
2	Car	No	Waiting	P P	Busway	Not at	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	19	Slight	No	Not ped	Not ped	Not ped	

Description: VEH1 TRVL TWDS BARNSLEY ON DOWRTH RD MVS INTO RTHND LN FLS TO SEE PRKD VEH LSS CTRL & FLLS FRM VEH

User Information: **Contributory Factors:** 001 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 00821	Slight	Tuesday	15/06/2004	11:30	434012/406283		

Location: DODWORTH RD BARNSLEY TOWNEND RDBT **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None	Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	Busway	Junt appr	No	None	None	Male	35	N
2	Car	No	Going ahead	P P	Busway	Junt appr	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Passenger	Female	0	Slight	No	Not ped	Not ped	Not ped	

Description: V1 STATIONARY AT PELICAN WHEN V2 (FOLLOWING) FAILED TO REACT IN TIME AND COLL WITH REAR OF V1.

User Information: **Contributory Factors:** 023 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00182-05	Serious	Monday	07/02/2005	15:50	434019/406287		

Location: DODWORTH RD BARNSLEY 5 MTS FROM TOWNEND RDBT **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Dual c'way	Other ATS	Light/with lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	On main	Junt appr	No	None	None	Male	39	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Male	13	Serious	No	Unknown	Offside	In c'way	Yes

Description: VEH TR DOWN DODWORTH RD WITH TR IN RGT HAND LN, DRIVER STATES GROUP OF CHILDREN WENT INTO SIDE OF VEH AND ONE HAD HIS FOOT UNDER WHEEL

User Information: **Contributory Factors:** 0 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00625	Slight	Thursday	15/08/2002	11:55	434030/406290		

Location: DODWORTH RD BARNSLEY TOWNEND R/ABOUT **1st Rd:** A628 **2nd Rd:**

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None	Pelican None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	W E	Busway	Junt appr	No	None	None	Female	32	-
2	Car	No	Stop	W E	Busway	Junt appr	No	None	None	Female	55	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	32	Slight	No	Not ped	Not ped	Not ped	

Description: V1 STATIONARY ON DODWORTH RD WAITING TO ENTER TOWNEND R/ABOUT V2 TV SAME DIRC COLL REAR V1

User Information: **Contributory Factors:** 043 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01690-05	Slight	Thursday	01/12/2005	17:30	434038/406288		

Location: TOWNEND RDBT BARNSLEY AT J/W DODWORTH RD **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Dark/lights lit	Fine	Dry	None	Pelican None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	M/c 50-125cc	No	Waiting	W E	On main	Junt appr	No	None	None	Male	40	N
2	Car	No	Going ahead	W E	On main	Junt appr	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	40	Slight	No	Not ped	Not ped	Not ped	

Description: V1 WAITING AT RDBT WHEN V2 FOLLOWING FAILED TO REACT IN TIME AND COLL WITH REAR OF V1 KNOCKING RIDER FROM BIKE THEN LEFT SCENE.

User Information: **Contributory Factors:** 405 406 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 00355	Slight	Saturday	06/03/2004	20:25	434038/406341		

Location: SUMMER LANE BARNSLEY FITZWILLIAM HILL **1st Rd:** U **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Dark/lights lit	Fine	Dry	None	Pelican None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	P P	Cyc ln	Not at	No	None	None	Male	40	+
2	Car	No	Waiting	P P	Cyc ln	Not at	No	None	None	Male	33	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	33	Slight	No	Not ped	Not ped	Not ped	
2	2	Passenger	Female	0	Slight	No	Not ped	Not ped	Not ped	

Description: VEH2 PRK AT PED XNG WHN VEH1 RVL BHND COLLS WTH RRR VEH2 VEH1 MNVRS TO SD OF VEH2 & FLS TO STP

User Information: **Contributory Factors:** 012 024 042 054

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00586-06	Slight	Wednesday	26/04/2006	07:40	434040/406279		

Location: DODWORTH RD BARNSLEY AT J/W TOWN END RDBT **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None	Zebra	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	E W	On main	Ent r'about	No	None	None	Male	33	N
2	Car	No	Waiting	E W	On main	Ent r'about	No	None	None	Male	47	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Passenger	Female	28	Slight	Front	Not ped	Not ped	Not ped	

Description: V1 WAITING AT RDBT, V2 BEHIND, V1 BEGINS TO MOVE BUT STOPS, V2 COLL WITH REAR.

User Information: **Contributory Factors:** 405 406 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00075	Slight	Friday	24/01/2003	08:30	434043/406243		

Location: RACECOMMON RD BARNSLEY TOWNEND R/ABOUT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine Wind	Ice	None	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	Busway	Junt appr	No	None	None	Female	25	N
2	Car	No	Waiting	P P	Busway	Junt appr	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	25	Slight	No	Not ped	Not ped	Not ped	

Description: V1 TV RACECOMMON RD TW TOWN CENTRE V1 THEN STOPS AT R/ABOUT V2 COLL REAR V1

User Information: **Contributory Factors:** 023 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 01036	Slight	Sunday	25/07/2004	20:00	434043/406290		

Location: TOWN END RDBT BARNSLEY DODWORTH RD **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Chg lt lane	P P	Busway	Junt cleared	Yes	None Nearside	Barr	Male	31	-
2	Car	No	Wt turn lt	P P	Busway	Junt appr	No	None	None	Male	35	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Passenger	Female	32	Slight	No	Not ped	Not ped	Not ped	

Description: V1 ALREADY ON RDBT WHEN V2 (POLICE VEH) ENTERED RDBT AND COLL WITH V1, THE REASON FOR THIS WAS DRIVER OF V2 IN UN MARKED CAR BUT FOLLOWING UNKNOWN VEH UNTIL BACK UP ARRIVED SO GIVING RUNNING COMMENTAR

User Information: **Contributory Factors:** 026 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00155-05	Slight	Tuesday	01/02/2005	11:22	434051/406321		

Location: SUMMER LN BARNSLEY **1st Rd:** U **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	NotJCT	Light/with lights	Fine	Wet	None	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
2	Car	No	Stop	P P	Lay-by	Not at	Yes	None	None	Male	22	-
1	Car	No	Waiting	P P	On main	Not at	No	None	None	Male	22	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	22	Slight	No	Not ped	Not ped	Not ped	

Description: V1 STATIONARY WHEN V2 COLL WITH REAR.

User Information: **Contributory Factors:** 0 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 01381	Slight	Friday	15/10/2004	15:22	434054/406322		

Location: SUMMER LN BARNSLEY TOWN END R/ABOUT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	NW SE	Cyc ln	Junt appr	No	None	None	Female	24	N
2	Car	No	Waiting	NW SE	Cyc ln	Junt appr	No	None	None	Male	55	N
3	Car	No	Going ahead	NW SE	Cyc ln	Junt appr	No	None	None	Male	24	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	3	Drv/Rider	Male	24	Slight	No	Not ped	Not ped	Not ped	

Description: V1 WAITING AT JCT OF SUMMER LN TO MOVE ONTO R/ABOUT . V2 PULLS UP BEHIND V1. V3 TV SAME DIRC FAILS TO BRAKE IN TIME & COLL WITH V2 PUSHING IT INTO V1,

User Information: **Contributory Factors:** 023 023 023 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01210-06	Slight	Thursday	14/09/2006	03:45	434055/406304		

Location: DODWORTH RD BARNSLEY J/W TOWNEND R/ABOUT **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Dark/lights lit	Rain	Wet	Zebra	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	W E	On main	Junt cleared	No	None	None	Male	28	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Male	21	Slight	No	Unknown	Offside	In centre	

Description: PED RUNNING ACROSS R/ABOUT STUMBLED, LOST BALANCE & FELL INTO PATH OF V1 NEG R/ABOUT

User Information: **Contributory Factors:** 802 806 808 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00768-05	Slight	Wednesday	08/06/2005	13:50	434056/406309		

Location: SUMMER LN BARNSLEY AT J/W TOWNEND RDBT **1st Rd:** U **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Left turn	SE NW	On main	Leave r'abou	No	None	None	Male	34	N
2	M/c > 500cc	No	Left turn	SW NW	On main	Leave r'abou	No	None	None	Male	38	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	38	Slight	No	Not ped	Not ped	Not ped	

Description: BOTH VEH'S TR AROUND RDBT, V2 IN N/S LN, V1 IN O/S LN, V1 EXITED COLLIDING WITH V2.

User Information: **Contributory Factors:** 405 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00832	Slight	Thursday	30/10/2003	11:50	434061/406315		

Location: SUMMER LN BARNSLEY TOWNEND RDBT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/no lights	Fine	Dry	Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	Busway	Junt appr	No	None	None	Male	27	N
2	Car	No	Going ahead	P P	Busway	Junt appr	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	27	Slight	No	Not ped	Not ped	Not ped	

Description: V1 STATIONARY AT RDBT V2 FOLL FAILS TO REACT IN TIME AND COLL WITH REAR OF V1 THEN LEAVES THE SCENE.

User Information: **Contributory Factors:** 042 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00254	Slight	Saturday	29/03/2003	14:50	434062/406315		

Location: SUMMER LN BARNSLEY TOWNEND RDBT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None	Ped PhaseNone	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	Cyc ln	Junt appr	No	None	None	Female	45	N
2	Car	No	Going ahead	P P	Cyc ln	Junt appr	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	45	Slight	No	Not ped	Not ped	Not ped	

Description: V1 STATIONARY AT RDBT, V2 FOLLOWING BUT FAILED TO REACT IN TIME AND COLL WITH REAR OF V1.

User Information: **Contributory Factors:** 023 025 027 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01458-05	Slight	Saturday	22/10/2005	16:05	434069/406311		

Location: TOWNEND ROUNDABOUT BARNSLEY 5MTS SUMMER LANE **1st Rd:** U **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Wet	None	Pelican None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	P P	On main	Junt appr	No	None	None	Female	24	N
2	Car	No	Chg lt lane	P P	On main	Leave r'abou	No	None	None	Male	35	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	24	Slight	No	Not ped	Not ped	Not ped	

Description: VEH1 TRVL ON TWNEND RNDBT TWDS SHAMBLES ST NRS EXT TO SUMMR LN VEH2 PLLS OF/SD CLLS WTH RR OFF/ SD VEH1

User Information: **Contributory Factors:** 403 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00873	Slight	Saturday	02/11/2002	18:25	434070/406310		

Location: TOWNEND RDBT BARNSLEY SHAMBLES ST **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Dark/lights lit	Rain	Wet	None	Pelican None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Chg lt lane	SW E	Busway	Junt cleared	No	None	None	Male	27	-
2	Car	No	Going ahead	SW E	Busway	Junt appr	No	None	None	Male	22	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Passenger	Male	1	Slight	No	Not ped	Not ped	Not ped	

Description: V1 TR ON RDBT IN LN 2 INTENDING TO EXIT PEEL ST, V2 IN LN 1 INTENDING TO TN OFF INTO SHAMBLES ST AND HITS M/S OF V1.

User Information: **Contributory Factors:** 028 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00341-05	Slight	Saturday	12/03/2005	14:10	434085/406308		

Location: TOWN END ROUNDABOUT BARNSLEY AT JCT SHAMBLES STREET **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/no lights	Fine	Dry	None	Pelican None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
2	Car	No	Left turn	P P	On main	Leave r'abou	No	None	None	Female	35	N
1	M/c 125-500cc	No	O/T on N/S	P P	On main	Mid junction	No	None	None	Male	19	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	19	Slight	No	Not ped	Not ped	Not ped	

Description: VEH1 TRVL STRGT ON AT RNDBT VEH2 IN LFT LN TRN LFT ONTO WESTWAY VEH2 THN TRNS RT OFF WESTWAY VEH1 GS STRGT ON CTS ALNG N/SD VEH2 MVS INTO 2ND LN VEH2 TRNS LFT CLLS WTH VEH1

User Information: **Contributory Factors:** 999 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 01465	Slight	Saturday	30/10/2004	09:20	434090/406323		

Location: SHAMBLE ST BARNSLEY TOWNEND R/ABOUT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Dark/lights lit	Fog Mist	Wet	None	Pelican None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	SW NE	Cyc ln	Junt appr	Yes	None	None	Male	42	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Female	17	Slight	No	Stand	Nearside	Ped x'ing	

Description: V1 TV OFF R/ABOUT ONTO SHAMBLE ST WHEN CAS 1 STEPPED OUT IN FRONT OF V1

User Information: **Contributory Factors:** 081 082 083 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01110-06	Slight	Friday	25/08/2006	19:45	434092/406239		

Location: WESTWAY BARNSLEY AT J/W TOWNEND RDBT **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Roundabout	R'dabt Give	Light/with lights	Rain	Wet	None	Pelican None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	M/c > 500cc	No	Waiting	SE NW	On main	Ent r'about	No	None	None	Male	38	N
2	Car	No	Start	SE NW	On main	Ent r'about	No	None	None	Male	63	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Male	38	Slight	No	Not ped	Not ped	Not ped	

Description: BOTH VEH'S AT RDBT, V2 MOVED FORWARD BELEIVING V1 TO BE TR ONTO RDBT BUT V1 STOPPED AND V2 COLL WITH REAR.

User Information: **Contributory Factors:** 405 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00080-06	Slight	Sunday	08/01/2006	22:55	434094/406313		

Location: SHAMBLES ST BARNSLEY AT J/W TOWNEND RDBT **1st Rd:** U **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt ATS	Dark/lights lit	Fine	Wet	None	Ped PhaseNone	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Lt hand ben	SW NE	On main	Leave r'abou	No	None	None	Female	19	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Male	44	Slight	No	North east	Offside	Ped x'ing	

Description: V1 LEAVING RDBT WHEN PED STEPPED INTO RD BUT APPEARED TO MOVE BACKWARDS, V1 CARRIED ON AND CAS STUMBLED FORWARD AND COLL WITH VEH.

User Information: **Contributory Factors:** 304 406 407 501 802 806

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 00392	Slight	Monday	16/02/2004	15:10	434098/406312		

Location: SHAMBLES STREET BARNSLEY TOWN END ROUNDABOUT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None	Ped PhaseNone	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	NE SW	Cyc ln	Junt appr	No	None	None	Female	47	N
2	Car	No	Going ahead	NE SW	Cyc ln	Junt appr	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	47	Slight	No	Not ped	Not ped	Not ped	
2	1	Passenger	Female	4	Slight	No	Not ped	Not ped	Not ped	
3	1	Passenger	Female	28	Slight	No	Not ped	Not ped	Not ped	

Description: VEH1 ON SHMABLES ST WTNG AT JCT WTH RNDBT ATTMPS TO PLL INTO TRFC BUT IS HLD UP & IS HT FRM BHND BY VEH2

User Information: **Contributory Factors:** 002 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 00316	Slight	Friday	27/02/2004	12:10	434099/406243		

Location: TOWNEND ROUNDABOUT BARNSLEY ON JCT **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/no lights	Fine	Wet	None Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Stop	P P	Busway	Junt cleared	No	None	None	Female	21	-
2	Car	No	Going ahead	P P	Busway	Junt cleared	No	None	None	Female	39	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	21	Slight	No	Not ped	Not ped	Not ped	

Description: VEH1 TRVL RND A628 RNDBT SLWS DOWN & VEH2 COLLS WTH RR OF VEH1

User Information: **Contributory Factors:** 028 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 01135	Slight	Wednesday	18/08/2004	18:15	434099/406308		

Location: SHAMBLES STREET BARNSLEY TOWN END ROUNDABOUT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Wet	None Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	NE SW	Bus ln	Junt appr	Yes	None	None	Male	29	+
2	13.00	No	Waiting	NE SW	Bus ln	Junt appr	No	None	None	Male	42	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	42	Slight	No	Not ped	Not ped	Not ped	
2	2	Passenger	Male	18	Slight	No	Not ped	Not ped	Not ped	

Description: VEH2 TRVL ON SHAMBLES ST TWDS TWN END RNDBT APPCHS RNDBT STPS TO ALLW FOR BRK IN TRF VEH1 TRVL BHD COLLS RR VEH2

User Information: **Contributory Factors:** 002 025 054 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00209	Slight	Thursday	21/03/2002	19:20	434100/406240		

Location: WESTWAY BARNSLEY TOWNEND RD **1st Rd:** A628 **2nd Rd:**

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Dark/lights lit	Fine	Dry	None Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	E W	Busway	Junt appr	No	None	None	Male	52	-
2	Car	No	Going ahead	E W	Busway	Junt appr	No	None	None	Female	23	R

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Female	23	Slight	No	Not ped	Not ped	Not ped	

Description: V1 STATIONARY AT GIVE WAY ENTRANCE TO R/ABOUT V2 APP IN N/S DRIVER LOOKING TO R & COLL REAR OF V1

User Information: **Contributory Factors:** 026 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD00376	Slight	Friday	10/05/2002	16:43	434100/406240		

Location: WESTWAY BARNSLEY TWDS TOWNEND ROUNDABOUT **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Dual c'way	Other ATS	Light/with lights	Fine	Dry	None Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	E W	Busway	Junt appr	No	None	None	Male	33	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Male	8	Slight	No	Stand	Off masked	Ped x'ing	

Description: VEH1 TRVL ON WESTWAY GOES OVER PEL XNG WHEN LGHTS ARE CNGNG FROM AM TO RD CAS1 XNG WHEN GRN MAN SHWNG & COLL OCCRS

User Information: **Contributory Factors:** 023 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00578	Slight	Wednesday	23/07/2003	14:40	434100/406240		

Location: TOWNEND RDBT BARNSLEY WESTWAY **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None	Ped PhaseNone	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Stop	P P	Busway	Junt cleared	No	None	None	Female	43	N
2	Car	No	Stop	P P	Busway	Junt cleared	No	None	None	Male	21	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	43	Slight	No	Not ped	Not ped	Not ped	
2	2	Drv/Rider	Male	21	Slight	No	Not ped	Not ped	Not ped	

Description: V1 APPROACHING RDBT AND WAITING FOR TRAFFIC TO CLEAR, V2 FOLLOW STATES SAW A GAP IN TF AND THOUGHT V1 WAS MOVING OFF BUT COLL WITH REAR OF V1.

User Information: **Contributory Factors:** 025 028 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-01327-05	Slight	Wednesday	21/09/2005	16:16	434101/406325		

Location: SHAMBLES ST BARNSLEY 10 MTS FROM TOWNEND RDBT **1st Rd:** U **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Single c'way	Other ATS	Light/with lights	Fine	Dry	None Zebra	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	SW E	On main	Enter main	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Female	11	Slight	No	Unknown	Offside	Ped x'ing	Yes

Description: PED CROSSING PED XING WHEN UNKNOWN VEH KNOCKED HER TO THE GROUND.

User Information: **Contributory Factors:** 405 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00726	Slight	Tuesday	23/09/2003	10:45	434101/406335		

Location: SHAMBLES ST BARNSLEY TOWNEND ROUNDABOUT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	One Way St	NotJCT	Light/with lights	Fine	Dry	None Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Rt hand ben	P P	Busway	Not at	No	None	None	Male	68	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Female	58	Slight	No	Stand	Nearside	Ped x'ing	

Description: V1 LEAVES R/ABOUT & TV UP SHAMBLES ST AS VEH APP PELICAN XING WITH LIGHTS AT GREEN FOR TF.AS V1 PROCEEDS THROUGH XING PED STEPS INTO RD INTO PATH V1

User Information: **Contributory Factors:** 086 082 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 00279	Slight	Thursday	19/02/2004	12:30	434104/406245		

Location: WESTWAY BARNSLEY TOWNEND ROUNDABOUT **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Roundabout	R'dabt ATS	Light/with lights	Fine	Dry	None Ped Phase	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	Busway	Leave r'abou	No	None	None	Male	28	N
2	Car	No	Going ahead	P P	Busway	Junt appr	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Passenger	Female	20	Slight	No	Not ped	Not ped	Not ped	

Description: VEH1 STAT ON WESTWY IN OFF/SD LN FCNG TWDS DODWORTH INTND TO TRN RT RND THE RNDBT & TRVL UP SHAMBLS ST VEH1 STS OFF BUT STPS DUE TO VEH ALRDY ON RNDBT VEH2 BHND VEH1 COLLS WTH RR VEH1 VEH2 DRV OFF DWN

User Information: **Contributory Factors:** 023 025 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	B-00788-06	Slight	Wednesday	14/06/2006	11:05	434104/406265		

Location: TOWNEND RDBT BARNSLEY AT J/W WESTWAY **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	SE W	On main	Ent r'about	No	None	None	Male	57	N
2	Pedal Cycle	No	Going ahead	E W	On main	Mid junction	No	None	None	Male	27	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	27	Slight	No	Not ped	Not ped	Not ped	

Description: V2 ON INSIDE LN ON RDBT WHEN V1 ENTERED FROM WESTWAY AND COLL OCC.

User Information: **Contributory Factors:** 405 0 0 0 0 0

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00910	Slight	Wednesday	26/11/2003	20:20	434105/406243		

Location: WESTWAY BARNSLEY TOWNEND RDBT **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Dark/lights lit	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	P P	Busway	Junt appr	No	None	None	Female	24	N
2	Car	No	Going ahead	P P	Busway	Junt appr	No	None	None	Male	62	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	24	Slight	No	Not ped	Not ped	Not ped	

Description: BOTH VEH'S AT RDBT, V2 ANTICIPATED V1 MOVING OFF BUT DIDN'T AND SO V2 COLL WITH REAR OF V1.

User Information: **Contributory Factors:** 026 028 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00086	Slight	Monday	27/01/2003	17:10	434108/406245		

Location: TOWNEND RDBT BARNSLEY DODWORTH RD **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Dark/lights lit	Rain Wind	Wet	None Ped Phase	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	Busway	Junt cleared	No	None	None	Male	50	N
2	Car	No	Wt turn lt	P P	Busway	Junt cleared	No	None	None	Female	52	N
3	Car	No	Wt turn lt	P P	Busway	Junt cleared	No	None Offside	Lamp	Male	66	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
2	2	Drv/Rider	Female	52	Slight	No	Not ped	Not ped	Not ped	
1	3	Drv/Rider	Male	66	Slight	No	Not ped	Not ped	Not ped	

Description: V1 IN O/S LN OF RDBT, V2 TR IN N/S LN OF RDBT, V2 INDICATES LFTBUT V1 WANTS TO GO STRAIGHT AHEAD SO BOTH VEH'S SLOW BUT V3 FOLLOW IN N/S LN SESS THIS AND BRAKES BUT FOOT SLIPS OFF AND HITS ACCELERATOR

User Information: **Contributory Factors:** 028 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 01157	Serious	Wednesday	25/08/2004	17:35	434109/406278		

Location: PEEL ST BARNSLEY WESTWAY **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
70 MPH	Roundabout	R'dabt Give	Light/no lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	M/c 50-125cc	No	Waiting	E W	Busway	Junt cleared	No	None	None	Female	23	N
2	Car	No	Going ahead	E W	Busway	Junt cleared	No	None	None	Male	32	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Drv/Rider	Female	23	Serious	No	Not ped	Not ped	Not ped	

Description: V1 AT JCT WHEN V2 FOLLOWING COLL WITH REAR PUSHING V1 ONTO RDBT BEFORE HITTING HER AGAIN

User Information: **Contributory Factors:** 042 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00540	Slight	Thursday	10/07/2003	10:00	434110/406280		

Location: PEEL ST BARNSLEY TOWNEND RDBT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Auth	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Waiting	P P	Cyc ln	Leave r'abou	No	None	None	Male	25	-
2	Pedal Cycle	No	Going ahead	P P	Busway	Leave r'abou	No	None	None	Male	15	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	15	Slight	No	Not ped	Not ped	Not ped	

Description: V1 HELD UP BY STATIONARY TRAFFIC WHEN V2 FOLLOW FAILED TO REACT IN TIME AND COLL WITH REAR.

User Information: **Contributory Factors:** 023 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 00384	Slight	Thursday	11/03/2004	13:20	434115/406283		

Location: PEEL STREET BARNSLEY TOWN END ROUNDABOUT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Goods > 7.5t	No	Wt turn lt	E W	Busway	Junt appr	No	None	None	Male	65	-
2	Car	No	Wt turn lt	E W	Busway	Junt appr	No	None	None	Male	41	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Male	41	Slight	No	Not ped	Not ped	Not ped	

Description: VEHS 1 & 2 TRVL ON PEEL ST ON APPCH TWDS TOWN END RNDBT VEH2 STPS AT GV WY MRKNGS VEH1 COLLS WTH RR VEH2

User Information: **Contributory Factors:** 028 029 000 000

	210	03DD00757	Slight	Wednesday	01/10/2003	13:30	434117/406255			

Location: WESTWAY BARNSLEY PEEL ST **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Stop	P P	Busway	Leave r'abou	No	None	None	Male	25	N
2	Car	No	Going ahead	P P	Busway	Leave r'abou	No	None	None	Male	84	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Passenger	Female	20	Slight	No	Not ped	Not ped	Not ped	

Description: V1 STOPPED FOR RED TF LGTS, V2 FOLL FAILED TO REACT IN TIME AND COLL WITH REAR OF V1 THEN LEFT SCENE.

User Information: **Contributory Factors:** 022 000 000 000

	210	03DD00003	Slight	Thursday	02/01/2003	15:30	434120/406240			

Location: WESTWAY BARNSLEY **1st Rd:** A628 **2nd Rd:**

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Roundabout	R'dabt Give	Dark/lights lit	Rain	Wet	None	Pelican	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Start	SE NW	Busway	Leave r'abou	No	None	None	Male	38	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Male	13	Slight	No	Stand	Nearside	Ped x'ing	

Description: V1 TRAV ALONG WESTWAY,BARNSLEY TWRDS TOWNEND AT 15.30HRS ON 2/1/03 CHILD STEPS OUT INTO PATH OF V1 CHILD DID NOT APPEAR INJURED BUT NOT SURE AS HE/SHE RAN OFF.OCCURRED ON PELICAN XING

User Information: **Contributory Factors:** 081 086 000 000

	210	03DD00574	Slight	Sunday	20/07/2003	11:45	434120/406260			

Location: WEST WAY BARNSLEY PEEL STREET **1st Rd:** A628 **2nd Rd:** U

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	One Way St	Auth	Light/with lights	Fine	Dry	None	Pelican Rdworks	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Lt hand ben	P P	Busway	Junt appr	Yes	Roadworks	None	Male	18	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Passenger	Male	15	Slight	No	Not ped	Not ped	Not ped	
2	1	Drv/Rider	Male	18	Slight	No	Not ped	Not ped	Not ped	

Description: V1 TRAVELS ALONG SUMMER LN NEGOTIATES R/ABOUT AT TOWN END APP AT SPEED THEN INDICATES TO TURN ONTO WEST WAY BUT LOSES CONTROL OF VEH AND CRASHED INTO PED RAILINGS..

User Information: **Contributory Factors:** 023 024 043 000

	210	03DD00943	Slight	Tuesday	09/12/2003	08:30	434120/406288			

Location: PEEL ST BARNSLEY TOWNEND RDBT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/unknown	Fine	Dry	None	Pelican None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	P P	Tram	Leave r'abou	No	None	None	Untra.	0	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Female	15	Slight	No	Stand	Offside	Ped x'ing	

Description: PED XING RD WHEN UNKNOWN VEH RAN OVER FOOT THEN LEFT SCENE.

User Information: **Contributory Factors:** 023 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00730	Slight	Wednesday	24/09/2003	23:30	434124/406239		

Location: WESTWAY BARNSLEY TOWN END ROUNDABOUT **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Dual c'way	NotJCT	Dark/lights lit	Fine	Dry	None Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Goods3.5-7.5	No	Going ahead	P P	Busway	Not at	No	None	None	Male	22	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Female	18	Slight	No	Stand	Nearside	<50m of ped	

Description: V1 T/V ALONG WESTWAY T/W TOWN END ROUNDABOUT V1 MOVED TO AVOID A PEDESTRIAN STOOD IN ROAD. ANOTHER PEDESTRIAN HAS THEN STEPPED OUT FROM PAVEMENT & V1 HAS COLLIDED WITH THE PEDESTRIAN.

User Information: **Contributory Factors:** 081 088 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00931	Slight	Friday	05/12/2003	21:50	434125/406238		

Location: WESTWAY BARNSLEY TOWNEND ROUNDABOUT **1st Rd:** A628 **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Dual c'way	NotJCT	Dark/lights lit	Fine	Dry	None Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Bus or Coach	No	Going ahead	P P	Busway	Not at	No	None	None	Male	61	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Female	36	Slight	No	Stand	Nearside	Ped x'ing	

Description: V1 TV ALONG WESTWAY THROUGH PELICAN XING WHEN CAS 1 WALKED INTO SIDE OF V1

User Information: **Contributory Factors:** 084 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	04B 00048	Slight	Monday	12/01/2004	12:00	434128/406290		

Location: PEEL ST BARNSLEY TOWNEND RDBT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Light/with lights	Fine	Dry	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Going ahead	P P	Cyc ln	Junt cleared	No	None	None	Male	23	N
2	Oth non mtr	No	Going ahead	P P	Cyc ln	Junt cleared	No	None	None	Female	59	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	2	Drv/Rider	Female	59	Slight	No	Not ped	Not ped	Not ped	

Description: V1 IN SLOW MOVING TR, V2 BATTERY CAR/SCOOTER, HAS CROSSED CARR AND COLL WITH FRONT WING AND DOOR OF V1.

User Information: **Contributory Factors:** 086 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	02DD01054	Slight	Monday	23/12/2002	23:40	434130/406250		

Location: WESTWAY BARNSLEY TOWNEND RDBT **1st Rd:** A628 **2nd Rd:**

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
40 MPH	Roundabout	R'dabt Give	Dark/lights lit	Rain	Wet	None Pelican	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	Left turn	NW SE	Busway	Leave r'abou	No	None	None	Female	44	-

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Passenger	Female	14	Slight	No	Not ped	Not ped	Not ped	
2	1	Passenger	Female	19	Slight	No	Not ped	Not ped	Not ped	

Description: DRIVER DISTRACTED BY DRINK FALLING OVER IN CAR AND SHE COLL WITH PED CROSSING LGT.

User Information: **Contributory Factors:** 057 000 000 000

Area	L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street
	210	03DD00023	Slight	Thursday	09/01/2003	18:20	434130/406290		

Location: PEEL ST BARNSLEY TOWNEND RDBT **1st Rd:** U **2nd Rd:** A628

Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human - Phy Fac	Special	Hazard
30 MPH	Roundabout	R'dabt Give	Dark/lights lit	Fine	Wet	None None	None	None

Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in Left cway	Hit obj off	Sex	Age	B
1	Car	No	O/T sta veh	W E	Bus ln	Junt appr	No	None	None	Male	48	N

Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil
1	1	Pedestrian	Male	21	Slight	No	Stand	Off masked	In c'way	

Description: VEH TR ON MAIN CARR WHEN CAS RAN THROUGH STATIONARY TF INTO O/S FRONT WING, ROLLED ACC BONNET AND ONTO RD.

User Information: **Contributory Factors:** 012 081 000 000

APPENDIX B

VEHICLE SPEED SURVEY

SANDERSON ASSOCIATES (CONSULTING ENGINEERS) LTD
24 Wakefield Road, Waterloo, Huddersfield, HD5 0HA

Tel: 01484 519333
Fax: 01484 519444

SPEED SURVEY

Location Dodworth Road, Barnsley
Direction of Travel Eastbound (Towards Barnsley)

Job Number 4467
Date of Survey 22/01/07
Start Time 15:15
Finish Time 15:37

Speed	No. of Readings	Speed	No. of Readings	Speed	No. of Readings	Speed	No. of Readings
1		26	1	51		76	
2		27	4	52		77	
3		28	3	53		78	
4		29	7	54		79	
5		30	13	55		80	
6		31	13	56		81	
7		32	14	57		82	
8		33	10	58		83	
9		34	9	59		84	
10		35	9	60		85	
11		36	6	61		86	
12		37	3	62		87	
13		38	4	63		88	
14		39		64		89	
15		40	3	65		90	
16		41	1	66		91	
17		42		67		92	
18		43		68		93	
19		44	1	69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24	3	49		74		99	
25	1	50		75		100	

Number of Readings = 105
Mean Speed = 32.32381
Standard Deviation = 3.6702946
85 Percentile Speed = 35.994104
85 Percentile Wet Weather Speed = 33.509104 **<<<<**

Dual C'way Y/N? N
Single C'way Y/N? Y
Wet Road Surface Y/N? N

Note: Insert Y or N in boxes against carriageway type and road surface condition and then use 85 percentile speed as marked with **<<<<**.

SANDERSON ASSOCIATES (CONSULTING ENGINEERS) LTD
24 Wakefield Road, Waterloo, Huddersfield, HD5 0HA

Tel: 01484 519333
Fax: 01484 519444

SPEED SURVEY

Location Dodworth Road, Barnsley
Direction of Travel Westbound (Towards M1)

Job Number 4467
Date of Survey 22/01/07
Start Time 15:15
Finish Time 16:00

Speed	No. of Readings	Speed	No. of Readings	Speed	No. of Readings	Speed	No. of Readings
1		26	1	51		76	
2		27	6	52		77	
3		28	9	53		78	
4		29	11	54		79	
5		30	18	55		80	
6		31	8	56		81	
7		32	11	57		82	
8		33	4	58		83	
9		34	8	59		84	
10		35	5	60		85	
11		36	7	61		86	
12		37	3	62		87	
13		38	3	63		88	
14		39	1	64		89	
15		40	2	65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25	3	50		75		100	

Number of Readings = 100
Mean Speed = 31.49
Standard Deviation = 3.4567895
85 Percentile Speed = 34.94679
85 Percentile Wet Weather Speed = 32.46179 **<<<<**

Dual C'way Y/N? N
Single C'way Y/N? Y
Wet Road Surface Y/N? N

Note: Insert Y or N in boxes against carriageway type and road surface condition and then use 85 percentile speed as marked with **<<<<**.

APPENDIX C

TRICS 2006 (a) OUTPUT

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : C - INDUSTRIAL UNIT

VEHICLES

Selected regions and areas:

01	**GREATER LONDON**		
	BT	BRENT	1 days
03	**SOUTH WEST**		
	DC	DORSET	4 days
	GS	GLOUCESTERSHIRE	1 days
04	**EAST ANGLIA**		
	NF	NORFOLK	2 days
05	**EAST MIDLANDS**		
	DS	DERBYSHIRE	1 days
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	WY	WEST YORKSHIRE	1 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	1 days
	LC	LANCASHIRE	1 days
09	**NORTH**		
	TV	TEES VALLEY	1 days
11	**SCOTLAND**		
	ER	EAST RENFREWSHIRE	2 days
	HI	HIGHLAND	1 days

Main parameter selection:

Parameter: Gross floor area
Range: 620 to 43325 (units: sqm)

Date Range: 01/01/98 to 22/06/06

Selected survey days:

Monday	3 days
Tuesday	6 days
Wednesday	3 days
Thursday	4 days

Selected survey types:

Manual count	16 days
Directional ATC Count	0 days

RANK ORDER for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

VEHICLES

Ranking Type: **ARRIVALS** Time Range: 08:00-09:00

WARNING: Using 85th and 15th percentile highlighted trip rates in data sets of under 20 surveys is not recommended by TRICS and may be misleading.

15th Percentile = No. **14 (*)**

85th Percentile = No. **3 (*)**

Rank	Site-Ref	Description	Area	Day	Date	Trip Rate
1	DC-02-C-02	NEWSPAPER HQ, WEYMOUTH	DORSET	Tue	04/07/00	1.483
2	DC-02-C-05	ULTRA ELECTRONICS,WEYMO	DORSET	Thu	11/10/01	1.174
3 **	**DC-02-C-03**	**DURABLE, WIMBORNE**	**DORSET**	**Tue**	**15/05/01**	**0.923**
4	GS-02-C-01	ARJO, GLOUCESTER	GLOUCESTERSHIRE	Wed	26/05/04	0.742
5	HI-02-C-01	DAIRY, NAIRN	HIGHLAND	Wed	24/05/06	0.700
6	TV-02-C-01	SAMSUNG ELECTRONICS	TEES VALLEY	Tue	02/10/01	0.563
7	ER-02-C-02	DYEWORKS, NEWTON MEARNS	EAST RENFREWSHIRE	Wed	08/05/02	0.484
8	DC-02-C-04	BREWERY, DORCHESTER	DORSET	Mon	09/07/01	0.332
9	BT-02-C-01	INDUSTRIAL UNIT, KILBUR	BRENT	Tue	18/09/01	0.323
10	WY-02-C-01	ANIMAL FEEDS, SHERBURN	WEST YORKSHIRE	Tue	19/04/05	0.275
11	NF-02-C-01	INDUSTRIAL UNIT, NORWIC	NORFOLK	Thu	16/11/00	0.259
12	LC-02-C-01	BREWERY, BLACKBURN	LANCASHIRE	Mon	21/06/04	0.185
13	DS-02-C-01	BAKERY, DRONFIELD	DERBYSHIRE	Thu	22/06/06	0.149
14 **	**ER-02-C-01**	**PET FOODS, BARRHEAD**	**EAST RENFREWSHIRE**	**Thu**	**11/10/01**	**0.148**
15	NF-02-C-02	GROCERY FACTORY, KINGS	NORFOLK	Mon	19/09/05	0.132
16	GM-02-C-02	BREWERY, MANCHESTER	GREATER MANCHESTE	Tue	08/06/04	0.030

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : C - INDUSTRIAL UNIT

VEHICLES

Selected regions and areas:

01	**GREATER LONDON**		
	BT	BRENT	1 days
03	**SOUTH WEST**		
	DC	DORSET	4 days
	GS	GLOUCESTERSHIRE	1 days
04	**EAST ANGLIA**		
	NF	NORFOLK	2 days
05	**EAST MIDLANDS**		
	DS	DERBYSHIRE	1 days
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	WY	WEST YORKSHIRE	1 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	1 days
	LC	LANCASHIRE	1 days
09	**NORTH**		
	TV	TEES VALLEY	1 days
11	**SCOTLAND**		
	ER	EAST RENFREWSHIRE	2 days
	HI	HIGHLAND	1 days

Main parameter selection:

Parameter: Gross floor area
Range: 620 to 43325 (units: sqm)

Date Range: 01/01/98 to 22/06/06

Selected survey days:

Monday	3 days
Tuesday	6 days
Wednesday	3 days
Thursday	4 days

Selected survey types:

Manual count	16 days
Directional ATC Count	0 days

RANK ORDER for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

VEHICLES

Ranking Type: **DEPARTURES** Time Range: 08:00-09:00

WARNING: Using 85th and 15th percentile highlighted trip rates in data sets of under 20 surveys is not recommended by TRICS and may be misleading.

15th Percentile = No. **14 (*)**

85th Percentile = No. **3 (*)**

Rank	Site-Ref	Description	Area	Day	Date	Trip Rate
1	DC-02-C-02	NEWSPAPER HQ, WEYMOUTH	DORSET	Tue	04/07/00	0.395
2	DC-02-C-05	ULTRA ELECTRONICS,WEYMO	DORSET	Thu	11/10/01	0.239
3 **	**GS-02-C-01**	**ARJO, GLOUCESTER**	**GLOUCESTERSHIRE**	**Wed**	**26/05/04**	**0.197**
4	DC-02-C-03	DURABLE, WIMBORNE	DORSET	Tue	15/05/01	0.185
5	HI-02-C-01	DAIRY, NAIRN	HIGHLAND	Wed	24/05/06	0.167
6	TV-02-C-01	SAMSUNG ELECTRONICS	TEES VALLEY	Tue	02/10/01	0.151
7	DC-02-C-04	BREWERY, DORCHESTER	DORSET	Mon	09/07/01	0.131
8	WY-02-C-01	ANIMAL FEEDS, SHERBURN	WEST YORKSHIRE	Tue	19/04/05	0.061
9	DS-02-C-01	BAKERY, DRONFIELD	DERBYSHIRE	Thu	22/06/06	0.055
10	NF-02-C-01	INDUSTRIAL UNIT, NORWIC	NORFOLK	Thu	16/11/00	0.053
11	NF-02-C-02	GROCERY FACTORY, KINGS	NORFOLK	Mon	19/09/05	0.046
12	ER-02-C-02	DYEWORKS, NEWTON MEARNS	EAST RENFREWSHIRE	Wed	08/05/02	0.042
13	ER-02-C-01	PET FOODS, BARRHEAD	EAST RENFREWSHIRE	Thu	11/10/01	0.035
14 **	**LC-02-C-01**	**BREWERY, BLACKBURN**	**LANCASHIRE**	**Mon**	**21/06/04**	**0.020**
15	GM-02-C-02	BREWERY, MANCHESTER	GREATER MANCHESTE	Tue	08/06/04	0.018
16	BT-02-C-01	INDUSTRIAL UNIT, KILBUR	BRENT	Tue	18/09/01	0.000

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : C - INDUSTRIAL UNIT

VEHICLES

Selected regions and areas:

01	**GREATER LONDON**		
	BT	BRENT	1 days
03	**SOUTH WEST**		
	DC	DORSET	4 days
	GS	GLOUCESTERSHIRE	1 days
04	**EAST ANGLIA**		
	NF	NORFOLK	2 days
05	**EAST MIDLANDS**		
	DS	DERBYSHIRE	1 days
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	WY	WEST YORKSHIRE	1 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	1 days
	LC	LANCASHIRE	1 days
09	**NORTH**		
	TV	TEES VALLEY	1 days
11	**SCOTLAND**		
	ER	EAST RENFREWSHIRE	2 days
	HI	HIGHLAND	1 days

Main parameter selection:

Parameter: Gross floor area
Range: 620 to 43325 (units: sqm)

Date Range: 01/01/98 to 22/06/06

Selected survey days:

Monday	3 days
Tuesday	6 days
Wednesday	3 days
Thursday	4 days

Selected survey types:

Manual count	16 days
Directional ATC Count	0 days

RANK ORDER for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

VEHICLES

Ranking Type: **ARRIVALS** Time Range: 17:00-18:00

WARNING: Using 85th and 15th percentile highlighted trip rates in data sets of under 20 surveys is not recommended by TRICS and may be misleading.

15th Percentile = No. **14 (*)**

85th Percentile = No. **3 (*)**

Rank	Site-Ref	Description	Area	Day	Date	Trip Rate
1	DC-02-C-02	NEWSPAPER HQ, WEYMOUTH	DORSET	Tue	04/07/00	0.231
2	TV-02-C-01	SAMSUNG ELECTRONICS	TEES VALLEY	Tue	02/10/01	0.192
3 **	**ER-02-C-01**	**PET FOODS, BARRHEAD**	**EAST RENFREWSHIRE**	**Thu**	**11/10/01**	**0.179**
4	DC-02-C-04	BREWERY, DORCHESTER	DORSET	Mon	09/07/01	0.126
5	GS-02-C-01	ARJO, GLOUCESTER	GLOUCESTERSHIRE	Wed	26/05/04	0.091
6	DC-02-C-03	DURABLE, WIMBORNE	DORSET	Tue	15/05/01	0.062
7	DC-02-C-05	ULTRA ELECTRONICS,WEYMO	DORSET	Thu	11/10/01	0.043
8	WY-02-C-01	ANIMAL FEEDS, SHERBURN	WEST YORKSHIRE	Tue	19/04/05	0.041
9	DS-02-C-01	BAKERY, DRONFIELD	DERBYSHIRE	Thu	22/06/06	0.030
10	ER-02-C-02	DYEWORKS, NEWTON MEARNS	EAST RENFREWSHIRE	Wed	08/05/02	0.025
11	NF-02-C-02	GROCERY FACTORY, KINGS	NORFOLK	Mon	19/09/05	0.016
12	NF-02-C-01	INDUSTRIAL UNIT, NORWIC	NORFOLK	Thu	16/11/00	0.016
13	LC-02-C-01	BREWERY, BLACKBURN	LANCASHIRE	Mon	21/06/04	0.012
14 **	**GM-02-C-02**	**BREWERY, MANCHESTER**	**GREATER MANCHESTE**	**Tue**	**08/06/04**	**0.009**
15	HI-02-C-01	DAIRY, NAIRN	HIGHLAND	Wed	24/05/06	0.000
16	BT-02-C-01	INDUSTRIAL UNIT, KILBUR	BRENT	Tue	18/09/01	0.000

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : C - INDUSTRIAL UNIT

VEHICLES

Selected regions and areas:

01	**GREATER LONDON**		
	BT	BRENT	1 days
03	**SOUTH WEST**		
	DC	DORSET	4 days
	GS	GLOUCESTERSHIRE	1 days
04	**EAST ANGLIA**		
	NF	NORFOLK	2 days
05	**EAST MIDLANDS**		
	DS	DERBYSHIRE	1 days
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	WY	WEST YORKSHIRE	1 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	1 days
	LC	LANCASHIRE	1 days
09	**NORTH**		
	TV	TEES VALLEY	1 days
11	**SCOTLAND**		
	ER	EAST RENFREWSHIRE	2 days
	HI	HIGHLAND	1 days

Main parameter selection:

Parameter: Gross floor area
Range: 620 to 43325 (units: sqm)

Date Range: 01/01/98 to 22/06/06

Selected survey days:

Monday	3 days
Tuesday	6 days
Wednesday	3 days
Thursday	4 days

Selected survey types:

Manual count	16 days
Directional ATC Count	0 days

RANK ORDER for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

VEHICLES

Ranking Type: **DEPARTURES** Time Range: 17:00-18:00

WARNING: Using 85th and 15th percentile highlighted trip rates in data sets of under 20 surveys is not recommended by TRICS and may be misleading.

15th Percentile = No. **14 (*)**

85th Percentile = No. **3 (*)**

Rank	Site-Ref	Description	Area	Day	Date	Trip Rate
1	TV-02-C-01	SAMSUNG ELECTRONICS	TEES VALLEY	Tue	02/10/01	1.772
2	GS-02-C-01	ARJO, GLOUCESTER	GLOUCESTERSHIRE	Wed	26/05/04	1.272
3 **	**DC-02-C-02**	**NEWSPAPER HQ, WEYMOUTH**	**DORSET**	**Tue**	**04/07/00**	**1.186**
4	DC-02-C-05	ULTRA ELECTRONICS,WEYMO	DORSET	Thu	11/10/01	0.739
5	DC-02-C-03	DURABLE, WIMBORNE	DORSET	Tue	15/05/01	0.677
6	HI-02-C-01	DAIRY, NAIRN	HIGHLAND	Wed	24/05/06	0.533
7	BT-02-C-01	INDUSTRIAL UNIT, KILBUR	BRENT	Tue	18/09/01	0.484
8	DC-02-C-04	BREWERY, DORCHESTER	DORSET	Mon	09/07/01	0.368
9	WY-02-C-01	ANIMAL FEEDS, SHERBURN	WEST YORKSHIRE	Tue	19/04/05	0.346
10	ER-02-C-02	DYEWORKS, NEWTON MEARNS	EAST RENFREWSHIRE	Wed	08/05/02	0.292
11	DS-02-C-01	BAKERY, DRONFIELD	DERBYSHIRE	Thu	22/06/06	0.179
12	ER-02-C-01	PET FOODS, BARRHEAD	EAST RENFREWSHIRE	Thu	11/10/01	0.170
13	NF-02-C-01	INDUSTRIAL UNIT, NORWIC	NORFOLK	Thu	16/11/00	0.141
14 **	**LC-02-C-01**	**BREWERY, BLACKBURN**	**LANCASHIRE**	**Mon**	**21/06/04**	**0.090**
15	NF-02-C-02	GROCERY FACTORY, KINGS	NORFOLK	Mon	19/09/05	0.074
16	GM-02-C-02	BREWERY, MANCHESTER	GREATER MANCHESTE	Tue	08/06/04	0.030

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

VEHICLES

Selected regions and areas:

01	**GREATER LONDON**		
	BN	BARNET	1 days
02	**SOUTH EAST**		
	BD	BEDFORDSHIRE	2 days
	HC	HAMPSHIRE	1 days
	SC	SURREY	2 days
03	**SOUTH WEST**		
	CW	CORNWALL	1 days
05	**EAST MIDLANDS**		
	DS	DERBYSHIRE	1 days
	LE	LEICESTERSHIRE	1 days
	NT	NOTTINGHAMSHIRE	3 days
06	**WEST MIDLANDS**		
	WM	WEST MIDLANDS	1 days
	WO	WORCESTERSHIRE	3 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	5 days
	LC	LANCASHIRE	2 days
	MS	MERSEYSIDE	1 days
09	**NORTH**		
	CB	CUMBRIA	1 days
	TW	TYNE & WEAR	1 days

Main parameter selection:

Parameter: Number of households
Range: 10 to 4334 (units:)

Date Range: 01/01/98 to 28/06/06

Selected survey days:

Monday	2 days
Tuesday	7 days
Wednesday	3 days
Thursday	10 days
Friday	4 days

Selected survey types:

Manual count	23 days
Directional ATC Count	3 days

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

VEHICLES

Ranking Type: **ARRIVALS** Time Range: 08:00-09:00
15th Percentile = No. **22 (*)**
85th Percentile = No. **5 (*)**

Rank	Site-Ref	Description	Area	Day	Date	Trip Rate
1	WO-03-A-01	DETACHED HOUS., BROMSGR	WORCESTERSHIRE	Thu	23/06/05	0.500
2	CW-03-A-01	TERRACED HOUSES, PENZAN	CORNWALL	Thu	30/06/05	0.385
3	BD-03-A-02	SEMI DETACHED, LUTON	BEDFORDSHIRE	Tue	06/07/04	0.317
4	BN-03-A-01	HOUSES, COCKFOSTERS	BARNET	Thu	20/10/05	0.300
5 **	**TW-03-A-01**	**PRIVATE HOUSING, SUNDER**	**TYNE & WEAR**	**Wed**	**18/09/02**	**0.235**
6	WO-03-A-03	DETACHED, KIDDERMINSTER	WORCESTERSHIRE	Fri	05/05/06	0.203
7	DS-03-A-01	TERRACED HOUSES, DRONFI	DERBYSHIRE	Thu	22/06/06	0.200
8	GM-03-A-07	MANCHESTER HOUSING	GREATER MANCHESTE	Fri	09/11/01	0.196
9	LC-03-A-22	BUNGALOWS, BLACKPOOL	LANCASHIRE	Tue	18/10/05	0.173
10	GM-03-A-06	WIGAN HOUSING	GREATER MANCHESTE	Thu	18/06/98	0.153
11	WM-03-A-01	HOUSES, COVENTRY	WEST MIDLANDS	Fri	03/02/06	0.152
12	SC-03-A-03	DETACHED HOUSES, E. MOL	SURREY	Tue	12/11/02	0.148
13	BD-03-A-01	SEMI-DETACHED, LUTON	BEDFORDSHIRE	Thu	08/07/04	0.145
14	GM-03-A-06	WIGAN HOUSING	GREATER MANCHESTE	Wed	17/06/98	0.144
15	HC-03-A-01	EASTLEIGH HOUSING	HAMPSHIRE	Thu	19/08/99	0.127
16	GM-03-A-06	WIGAN HOUSING	GREATER MANCHESTE	Mon	15/06/98	0.122
17	GM-03-A-08	STOCKPORT HOUSING	GREATER MANCHESTE	Fri	12/10/01	0.113
18	LC-03-A-16	PRESTON HOUSING	LANCASHIRE	Thu	26/03/98	0.111
19	SC-03-A-02	EPSOM HOUSING	SURREY	Tue	03/10/00	0.111
20	NT-03-A-03	SEMI-DETACHED,KIRKBY-IN	NOTTINGHAMSHIRE	Wed	28/06/06	0.108
21	WO-03-A-02	SEMI-DETACHED, REDDITCH	WORCESTERSHIRE	Tue	02/05/06	0.104
22 **	**NT-03-A-02**	**NOTTINGHAM HOUSING**	**NOTTINGHAMSHIRE**	**Tue**	**24/11/98**	**0.100**
23	MS-03-A-01	HOUSING, RUNCORN	MERSEYSIDE	Thu	06/10/05	0.091
24	LE-03-A-01	PRIVATE HOU,MELTON MOWB	LEICESTERSHIRE	Tue	03/05/05	0.091
25	CB-03-A-02	SEMI-DETACHED, WORKINGT	CUMBRIA	Mon	20/06/05	0.075
26	NT-03-A-01	COLLINGHAM HOUSING	NOTTINGHAMSHIRE	Thu	26/11/98	0.040

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

VEHICLES

Selected regions and areas:

01	**GREATER LONDON**		
	BN	BARNET	1 days
02	**SOUTH EAST**		
	BD	BEDFORDSHIRE	2 days
	HC	HAMPSHIRE	1 days
	SC	SURREY	2 days
03	**SOUTH WEST**		
	CW	CORNWALL	1 days
05	**EAST MIDLANDS**		
	DS	DERBYSHIRE	1 days
	LE	LEICESTERSHIRE	1 days
	NT	NOTTINGHAMSHIRE	3 days
06	**WEST MIDLANDS**		
	WM	WEST MIDLANDS	1 days
	WO	WORCESTERSHIRE	3 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	5 days
	LC	LANCASHIRE	2 days
	MS	MERSEYSIDE	1 days
09	**NORTH**		
	CB	CUMBRIA	1 days
	TW	TYNE & WEAR	1 days

Main parameter selection:

Parameter: Number of households
Range: 10 to 4334 (units:)

Date Range: 01/01/98 to 28/06/06

Selected survey days:

Monday	2 days
Tuesday	7 days
Wednesday	3 days
Thursday	10 days
Friday	4 days

Selected survey types:

Manual count	23 days
Directional ATC Count	3 days

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

VEHICLES

Ranking Type: **DEPARTURES** Time Range: 08:00-09:00
15th Percentile = No. **22 (*)**
85th Percentile = No. **5 (*)**

Rank	Site-Ref	Description	Area	Day	Date	Trip Rate
1	GM-03-A-06	WIGAN HOUSING	GREATER MANCHESTE	Thu	18/06/98	0.689
2	GM-03-A-06	WIGAN HOUSING	GREATER MANCHESTE	Wed	17/06/98	0.671
3	GM-03-A-06	WIGAN HOUSING	GREATER MANCHESTE	Mon	15/06/98	0.649
4	WO-03-A-01	DETACHED HOUS., BROMSGR	WORCESTERSHIRE	Thu	23/06/05	0.600
5 **	**BN-03-A-01**	**HOUSES, COCKFOSTERS**	**BARNET**	**Thu**	**20/10/05**	**0.600**
6	WO-03-A-03	DETACHED, KIDDERMINSTER	WORCESTERSHIRE	Fri	05/05/06	0.543
7	BD-03-A-02	SEMI DETACHED, LUTON	BEDFORDSHIRE	Tue	06/07/04	0.537
8	TW-03-A-01	PRIVATE HOUSING, SUNDER	TYNE & WEAR	Wed	18/09/02	0.506
9	NT-03-A-02	NOTTINGHAM HOUSING	NOTTINGHAMSHIRE	Tue	24/11/98	0.483
10	HC-03-A-01	EASTLEIGH HOUSING	HAMPSHIRE	Thu	19/08/99	0.427
11	CB-03-A-02	SEMI-DETACHED, WORKINGT	CUMBRIA	Mon	20/06/05	0.425
12	GM-03-A-07	MANCHESTER HOUSING	GREATER MANCHESTE	Fri	09/11/01	0.420
13	BD-03-A-01	SEMI-DETACHED, LUTON	BEDFORDSHIRE	Thu	08/07/04	0.420
14	WM-03-A-01	HOUSES, COVENTRY	WEST MIDLANDS	Fri	03/02/06	0.418
15	SC-03-A-02	EPSOM HOUSING	SURREY	Tue	03/10/00	0.391
16	SC-03-A-03	DETACHED HOUSES, E. MOL	SURREY	Tue	12/11/02	0.389
17	GM-03-A-08	STOCKPORT HOUSING	GREATER MANCHESTE	Fri	12/10/01	0.377
18	LE-03-A-01	PRIVATE HOU,MELTON MOWB	LEICESTERSHIRE	Tue	03/05/05	0.364
19	LC-03-A-22	BUNGALOWS, BLACKPOOL	LANCASHIRE	Tue	18/10/05	0.337
20	LC-03-A-16	PRESTON HOUSING	LANCASHIRE	Thu	26/03/98	0.333
21	WO-03-A-02	SEMI-DETACHED, REDDITCH	WORCESTERSHIRE	Tue	02/05/06	0.333
22 **	**NT-03-A-03**	**SEMI-DETACHED,KIRKBY-IN**	**NOTTINGHAMSHIRE**	**Wed**	**28/06/06**	**0.313**
23	MS-03-A-01	HOUSING, RUNCORN	MERSEYSIDE	Thu	06/10/05	0.269
24	CW-03-A-01	TERRACED HOUSES, PENZAN	CORNWALL	Thu	30/06/05	0.231
25	NT-03-A-01	COLLINGHAM HOUSING	NOTTINGHAMSHIRE	Thu	26/11/98	0.160
26	DS-03-A-01	TERRACED HOUSES, DRONFI	DERBYSHIRE	Thu	22/06/06	0.100

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

VEHICLES

Selected regions and areas:

01	**GREATER LONDON**		
	BN	BARNET	1 days
02	**SOUTH EAST**		
	BD	BEDFORDSHIRE	2 days
	HC	HAMPSHIRE	1 days
	SC	SURREY	2 days
03	**SOUTH WEST**		
	CW	CORNWALL	1 days
05	**EAST MIDLANDS**		
	DS	DERBYSHIRE	1 days
	LE	LEICESTERSHIRE	1 days
	NT	NOTTINGHAMSHIRE	3 days
06	**WEST MIDLANDS**		
	WM	WEST MIDLANDS	1 days
	WO	WORCESTERSHIRE	3 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	5 days
	LC	LANCASHIRE	2 days
	MS	MERSEYSIDE	1 days
09	**NORTH**		
	CB	CUMBRIA	1 days
	TW	TYNE & WEAR	1 days

Main parameter selection:

Parameter: Number of households
Range: 10 to 4334 (units:)

Date Range: 01/01/98 to 28/06/06

Selected survey days:

Monday	2 days
Tuesday	7 days
Wednesday	3 days
Thursday	10 days
Friday	4 days

Selected survey types:

Manual count	23 days
Directional ATC Count	3 days

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

VEHICLES

Ranking Type: **ARRIVALS** Time Range: 17:00-18:00
15th Percentile = No. **22 (*)**
85th Percentile = No. **5 (*)**

Rank	Site-Ref	Description	Area	Day	Date	Trip Rate
1	HC-03-A-01	EASTLEIGH HOUSING	HAMPSHIRE	Thu	19/08/99	0.580
2	GM-03-A-06	WIGAN HOUSING	GREATER MANCHESTE	Mon	15/06/98	0.563
3	WO-03-A-03	DETACHED, KIDDERMINSTER	WORCESTERSHIRE	Fri	05/05/06	0.558
4	CB-03-A-02	SEMI-DETACHED, WORKINGT	CUMBRIA	Mon	20/06/05	0.525
5 **	**TW-03-A-01**	**PRIVATE HOUSING, SUNDER**	**TYNE & WEAR**	**Wed**	**18/09/02**	**0.519**
6	WO-03-A-01	DETACHED HOUS., BROMSGR	WORCESTERSHIRE	Thu	23/06/05	0.500
7	GM-03-A-06	WIGAN HOUSING	GREATER MANCHESTE	Wed	17/06/98	0.495
8	GM-03-A-06	WIGAN HOUSING	GREATER MANCHESTE	Thu	18/06/98	0.491
9	NT-03-A-02	NOTTINGHAM HOUSING	NOTTINGHAMSHIRE	Tue	24/11/98	0.473
10	WO-03-A-02	SEMI-DETACHED, REDDITCH	WORCESTERSHIRE	Tue	02/05/06	0.458
11	GM-03-A-08	STOCKPORT HOUSING	GREATER MANCHESTE	Fri	12/10/01	0.429
12	NT-03-A-03	SEMI-DETACHED,KIRKBY-IN	NOTTINGHAMSHIRE	Wed	28/06/06	0.398
13	BD-03-A-01	SEMI-DETACHED, LUTON	BEDFORDSHIRE	Thu	08/07/04	0.351
14	LC-03-A-22	BUNGALOWS, BLACKPOOL	LANCASHIRE	Tue	18/10/05	0.347
15	WM-03-A-01	HOUSES, COVENTRY	WEST MIDLANDS	Fri	03/02/06	0.342
16	GM-03-A-07	MANCHESTER HOUSING	GREATER MANCHESTE	Fri	09/11/01	0.341
17	LC-03-A-16	PRESTON HOUSING	LANCASHIRE	Thu	26/03/98	0.333
18	MS-03-A-01	HOUSING, RUNCORN	MERSEYSIDE	Thu	06/10/05	0.325
19	CW-03-A-01	TERRACED HOUSES, PENZAN	CORNWALL	Thu	30/06/05	0.308
20	BN-03-A-01	HOUSES, COCKFOSTERS	BARNET	Thu	20/10/05	0.300
21	SC-03-A-03	DETACHED HOUSES, E. MOL	SURREY	Tue	12/11/02	0.296
22 **	**LE-03-A-01**	**PRIVATE HOU,MELTON MOWB**	**LEICESTERSHIRE**	**Tue**	**03/05/05**	**0.273**
23	BD-03-A-02	SEMI DETACHED, LUTON	BEDFORDSHIRE	Tue	06/07/04	0.232
24	SC-03-A-02	EPSOM HOUSING	SURREY	Tue	03/10/00	0.228
25	DS-03-A-01	TERRACED HOUSES, DRONFI	DERBYSHIRE	Thu	22/06/06	0.100
26	NT-03-A-01	COLLINGHAM HOUSING	NOTTINGHAMSHIRE	Thu	26/11/98	0.072

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

VEHICLES

Selected regions and areas:

01	**GREATER LONDON**		
	BN	BARNET	1 days
02	**SOUTH EAST**		
	BD	BEDFORDSHIRE	2 days
	HC	HAMPSHIRE	1 days
	SC	SURREY	2 days
03	**SOUTH WEST**		
	CW	CORNWALL	1 days
05	**EAST MIDLANDS**		
	DS	DERBYSHIRE	1 days
	LE	LEICESTERSHIRE	1 days
	NT	NOTTINGHAMSHIRE	3 days
06	**WEST MIDLANDS**		
	WM	WEST MIDLANDS	1 days
	WO	WORCESTERSHIRE	3 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	5 days
	LC	LANCASHIRE	2 days
	MS	MERSEYSIDE	1 days
09	**NORTH**		
	CB	CUMBRIA	1 days
	TW	TYNE & WEAR	1 days

Main parameter selection:

Parameter: Number of households
Range: 10 to 4334 (units:)

Date Range: 01/01/98 to 28/06/06

Selected survey days:

Monday	2 days
Tuesday	7 days
Wednesday	3 days
Thursday	10 days
Friday	4 days

Selected survey types:

Manual count	23 days
Directional ATC Count	3 days

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

VEHICLES

Ranking Type: **ARRIVALS** Time Range: 17:00-18:00
15th Percentile = No. **22** (*)
85th Percentile = No. **5** (*)

Rank	Site-Ref	Description	Area	Day	Date	Trip Rate
1	HC-03-A-01	EASTLEIGH HOUSING	HAMPSHIRE	Thu	19/08/99	0.580
2	GM-03-A-06	WIGAN HOUSING	GREATER MANCHESTE	Mon	15/06/98	0.563
3	WO-03-A-03	DETACHED, KIDDERMINSTER	WORCESTERSHIRE	Fri	05/05/06	0.558
4	CB-03-A-02	SEMI-DETACHED, WORKINGT	CUMBRIA	Mon	20/06/05	0.525
5 **	**TW-03-A-01**	**PRIVATE HOUSING, SUNDER**	**TYNE & WEAR**	**Wed**	**18/09/02**	**0.519**
6	WO-03-A-01	DETACHED HOUS., BROMSGR	WORCESTERSHIRE	Thu	23/06/05	0.500
7	GM-03-A-06	WIGAN HOUSING	GREATER MANCHESTE	Wed	17/06/98	0.495
8	GM-03-A-06	WIGAN HOUSING	GREATER MANCHESTE	Thu	18/06/98	0.491
9	NT-03-A-02	NOTTINGHAM HOUSING	NOTTINGHAMSHIRE	Tue	24/11/98	0.473
10	WO-03-A-02	SEMI-DETACHED, REDDITCH	WORCESTERSHIRE	Tue	02/05/06	0.458
11	GM-03-A-08	STOCKPORT HOUSING	GREATER MANCHESTE	Fri	12/10/01	0.429
12	NT-03-A-03	SEMI-DETACHED,KIRKBY-IN	NOTTINGHAMSHIRE	Wed	28/06/06	0.398
13	BD-03-A-01	SEMI-DETACHED, LUTON	BEDFORDSHIRE	Thu	08/07/04	0.351
14	LC-03-A-22	BUNGALOWS, BLACKPOOL	LANCASHIRE	Tue	18/10/05	0.347
15	WM-03-A-01	HOUSES, COVENTRY	WEST MIDLANDS	Fri	03/02/06	0.342
16	GM-03-A-07	MANCHESTER HOUSING	GREATER MANCHESTE	Fri	09/11/01	0.341
17	LC-03-A-16	PRESTON HOUSING	LANCASHIRE	Thu	26/03/98	0.333
18	MS-03-A-01	HOUSING, RUNCORN	MERSEYSIDE	Thu	06/10/05	0.325
19	CW-03-A-01	TERRACED HOUSES, PENZAN	CORNWALL	Thu	30/06/05	0.308
20	BN-03-A-01	HOUSES, COCKFOSTERS	BARNET	Thu	20/10/05	0.300
21	SC-03-A-03	DETACHED HOUSES, E. MOL	SURREY	Tue	12/11/02	0.296
22 **	**LE-03-A-01**	**PRIVATE HOU,MELTON MOWB**	**LEICESTERSHIRE**	**Tue**	**03/05/05**	**0.273**
23	BD-03-A-02	SEMI DETACHED, LUTON	BEDFORDSHIRE	Tue	06/07/04	0.232
24	SC-03-A-02	EPSOM HOUSING	SURREY	Tue	03/10/00	0.228
25	DS-03-A-01	TERRACED HOUSES, DRONFI	DERBYSHIRE	Thu	22/06/06	0.100
26	NT-03-A-01	COLLINGHAM HOUSING	NOTTINGHAMSHIRE	Thu	26/11/98	0.072

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 13 - PETROL FILLING STATIONS
Category : A - PETROL FILLING STATIONS

VEHICLES

Selected regions and areas:

01	**GREATER LONDON**		
	BN	BARNET	1 days
	KN	KENSINGTON AND CHELSEA	1 days
	NH	NEWHAM	1 days
02	**SOUTH EAST**		
	BD	BEDFORDSHIRE	1 days
	HC	HAMPSHIRE	3 days
	KC	KENT	2 days
03	**SOUTH WEST**		
	DC	DORSET	1 days
04	**EAST ANGLIA**		
	CA	CAMBRIDGESHIRE	3 days
05	**EAST MIDLANDS**		
	LE	LEICESTERSHIRE	2 days
	NT	NOTTINGHAMSHIRE	1 days
06	**WEST MIDLANDS**		
	WM	WEST MIDLANDS	2 days
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	NY	NORTH YORKSHIRE	1 days
	RI	EAST RIDING OF YORKSHIRE	1 days
	WY	WEST YORKSHIRE	1 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	2 days
	MS	MERSEYSIDE	1 days
09	**NORTH**		
	DH	DURHAM	1 days
	NB	NORTHUMBERLAND	1 days
	TW	TYNE & WEAR	1 days
11	**SCOTLAND**		
	EB	CITY OF EDINBURGH	1 days
	FA	FALKIRK	1 days
	LO	WEST LOTHIAN	1 days
	SB	SCOTTISH BORDERS	1 days
12	**NORTHERN IRELAND**		
	AN	ANTRIM	1 days
14	**REPUBLIC OF IRELAND**		
	DL	DUBLIN	1 days

Main parameter selection:

Parameter: Filling bays
Range: 4 to 16 (units:)

Date Range: 01/01/98 to 13/09/06

Selected survey days:

Monday	6 days
Tuesday	9 days
Wednesday	5 days
Thursday	6 days
Friday	7 days

Selected survey types:

Manual count	33 days
Directional ATC Count	0 days

RANK ORDER for Land Use 13 - PETROL FILLING STATIONS/A - PETROL FILLING STATIONS

VEHICLES

Ranking Type: **ARRIVALS** Time Range: 08:00-09:00
15th Percentile = No. **28 (*)**
85th Percentile = No. **6 (*)**

Rank	Site-Ref	Description	Area	Day	Date	Trip Rate
1	LO-13-A-01	BP, LIVINGSTON	WEST LOTHIAN	Thu	12/05/05	21.000
2	EB-13-A-01	BP, EDINBURGH	CITY OF EDINBURGH	Tue	31/05/05	12.625
3	HC-13-A-01	ESSO, ROMSEY	HAMPSHIRE	Fri	19/07/02	12.125
4	NH-13-A-01	BP, CANNING TOWN	NEWHAM	Tue	04/10/05	11.700
5	TW-13-A-01	SHELL, NEWCASTLE	TYNE & WEAR	Thu	05/05/05	11.667
6 **	**MS-13-A-01**	**BP, FORMBY**	**MERSEYSIDE**	**Tue**	**11/10/05**	**10.250**
7	DH-13-A-01	TOTAL, ANNFIELD PLAIN	DURHAM	Mon	09/06/03	9.125
8	DC-13-A-09	TESCO PFS, DORCHESTER	DORSET	Tue	14/10/03	8.917
9	SB-13-A-01	SHELL, PEEBLES	SCOTTISH BORDERS	Thu	02/06/05	8.750
10	FA-13-A-01	SHELL, FALKIRK	FALKIRK	Mon	23/05/05	8.250
11	KC-13-A-06	SAFEWAY PFS, GRAVESEND	KENT	Thu	18/09/03	8.083
12	WY-13-A-01	BP, HUDDERSFIELD	WEST YORKSHIRE	Fri	14/03/03	8.000
13	CA-13-A-01	SHELL PFS, PETERBOROUGH	CAMBRIDGESHIRE	Tue	22/07/03	8.000
14	KC-13-A-05	SAINSBURYS PFS, BROADST	KENT	Fri	07/11/03	7.917
15	WM-13-A-01	SHELL, NEAR BROMSGROVE	WEST MIDLANDS	Thu	16/01/03	7.833
16	KN-13-A-01	SHELL, KENSINGTON	KENSINGTON AND CH	Fri	07/05/04	7.667
17	NT-13-A-01	ESSO, STAPLEFORD	NOTTINGHAMSHIRE	Tue	15/06/04	7.500
18	WM-13-A-02	ESSO, BROMSGROVE	WEST MIDLANDS	Wed	29/01/03	7.143
19	HC-13-A-06	ESSO, WINCHESTER	HAMPSHIRE	Tue	16/07/02	6.500
20	BN-13-A-01	BP, NEW BARNET	BARNET	Tue	04/10/05	6.273
21	GM-13-A-07	BP CONNECT, PRESTWICH	GREATER MANCHESTE	Fri	11/06/04	6.100
22	NB-13-A-01	PFS/GARAGE, HENSHAW	NORTHUMBERLAND	Mon	23/06/03	6.000
23	HC-13-A-07	STAR PFS, ROMSEY	HAMPSHIRE	Fri	19/07/02	5.833
24	NY-13-A-01	JET, TADCASTER	NORTH YORKSHIRE	Tue	10/05/05	5.667
25	AN-13-A-01	SHELL, BELFAST	ANTRIM	Wed	13/09/06	5.600
26	BD-13-A-01	SERVICE STATION, DUNSTA	BEDFORDSHIRE	Mon	05/07/04	5.400
27	CA-13-A-03	SHELL, CAMBRIDGE	CAMBRIDGESHIRE	Fri	05/11/04	5.375
28 **	**GM-13-A-08**	**PFS, ALTRINCHAM**	**GREATER MANCHESTE**	**Mon**	**07/06/04**	**5.375**
29	RI-13-A-01	Q8, THORNE	EAST RIDING OF YO	Wed	25/05/05	5.333
30	LE-13-A-02	PETROL STATION, LEICEST	LEICESTERSHIRE	Mon	09/05/05	5.333
31	DL-13-A-01	MAXOL, DUBLIN	DUBLIN	Thu	14/04/05	4.500
32	LE-13-A-01	TOTAL, LEICESTER	LEICESTERSHIRE	Wed	30/06/04	4.250
33	CA-13-A-02	TOTAL PFS, ST NEOTS	CAMBRIDGESHIRE	Wed	05/03/03	3.125

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 13 - PETROL FILLING STATIONS
Category : A - PETROL FILLING STATIONS

VEHICLES

Selected regions and areas:

01	**GREATER LONDON**		
	BN	BARNET	1 days
	KN	KENSINGTON AND CHELSEA	1 days
	NH	NEWHAM	1 days
02	**SOUTH EAST**		
	BD	BEDFORDSHIRE	1 days
	HC	HAMPSHIRE	3 days
	KC	KENT	2 days
03	**SOUTH WEST**		
	DC	DORSET	1 days
04	**EAST ANGLIA**		
	CA	CAMBRIDGESHIRE	3 days
05	**EAST MIDLANDS**		
	LE	LEICESTERSHIRE	2 days
	NT	NOTTINGHAMSHIRE	1 days
06	**WEST MIDLANDS**		
	WM	WEST MIDLANDS	2 days
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	NY	NORTH YORKSHIRE	1 days
	RI	EAST RIDING OF YORKSHIRE	1 days
	WY	WEST YORKSHIRE	1 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	2 days
	MS	MERSEYSIDE	1 days
09	**NORTH**		
	DH	DURHAM	1 days
	NB	NORTHUMBERLAND	1 days
	TW	TYNE & WEAR	1 days
11	**SCOTLAND**		
	EB	CITY OF EDINBURGH	1 days
	FA	FALKIRK	1 days
	LO	WEST LOTHIAN	1 days
	SB	SCOTTISH BORDERS	1 days
12	**NORTHERN IRELAND**		
	AN	ANTRIM	1 days
14	**REPUBLIC OF IRELAND**		
	DL	DUBLIN	1 days

Main parameter selection:

Parameter: Filling bays
Range: 4 to 16 (units:)

Date Range: 01/01/98 to 13/09/06

Selected survey days:

Monday	6 days
Tuesday	9 days
Wednesday	5 days
Thursday	6 days
Friday	7 days

Selected survey types:

Manual count	33 days
Directional ATC Count	0 days

RANK ORDER for Land Use 13 - PETROL FILLING STATIONS/A - PETROL FILLING STATIONS

VEHICLES

Ranking Type: **DEPARTURES** Time Range: 08:00-09:00
15th Percentile = No. **28 (*)**
85th Percentile = No. **6 (*)**

Rank	Site-Ref	Description	Area	Day	Date	Trip Rate
1	LO-13-A-01	BP, LIVINGSTON	WEST LOTHIAN	Thu	12/05/05	20.625
2	HC-13-A-01	ESSO, ROMSEY	HAMPSHIRE	Fri	19/07/02	13.000
3	EB-13-A-01	BP, EDINBURGH	CITY OF EDINBURGH	Tue	31/05/05	12.625
4	NH-13-A-01	BP, CANNING TOWN	NEWHAM	Tue	04/10/05	12.100
5	TW-13-A-01	SHELL, NEWCASTLE	TYNE & WEAR	Thu	05/05/05	10.667
6 **	**MS-13-A-01**	**BP, FORMBY**	**MERSEYSIDE**	**Tue**	**11/10/05**	**10.000**
7	DH-13-A-01	TOTAL, ANNFIELD PLAIN	DURHAM	Mon	09/06/03	9.125
8	SB-13-A-01	SHELL, PEEBLES	SCOTTISH BORDERS	Thu	02/06/05	9.000
9	DC-13-A-09	TESCO PFS, DORCHESTER	DORSET	Tue	14/10/03	8.417
10	WY-13-A-01	BP, HUDDERSFIELD	WEST YORKSHIRE	Fri	14/03/03	8.125
11	KC-13-A-06	SAFEWAY PFS, GRAVESEND	KENT	Thu	18/09/03	7.917
12	FA-13-A-01	SHELL, FALKIRK	FALKIRK	Mon	23/05/05	7.875
13	KC-13-A-05	SAINSBURYS PFS, BROADST	KENT	Fri	07/11/03	7.833
14	WM-13-A-01	SHELL, NEAR BROMSGROVE	WEST MIDLANDS	Thu	16/01/03	7.833
15	CA-13-A-01	SHELL PFS, PETERBOROUGH	CAMBRIDGESHIRE	Tue	22/07/03	7.333
16	NT-13-A-01	ESSO, STAPLEFORD	NOTTINGHAMSHIRE	Tue	15/06/04	7.333
17	WM-13-A-02	ESSO, BROMSGROVE	WEST MIDLANDS	Wed	29/01/03	7.000
18	KN-13-A-01	SHELL, KENSINGTON	KENSINGTON AND CH	Fri	07/05/04	6.833
19	HC-13-A-06	ESSO, WINCHESTER	HAMPSHIRE	Tue	16/07/02	6.750
20	GM-13-A-07	BP CONNECT, PRESTWICH	GREATER MANCHESTE	Fri	11/06/04	6.300
21	CA-13-A-03	SHELL, CAMBRIDGE	CAMBRIDGESHIRE	Fri	05/11/04	5.875
22	HC-13-A-07	STAR PFS, ROMSEY	HAMPSHIRE	Fri	19/07/02	5.833
23	NY-13-A-01	JET, TADCASTER	NORTH YORKSHIRE	Tue	10/05/05	5.556
24	BN-13-A-01	BP, NEW BARNET	BARNET	Tue	04/10/05	5.455
25	RI-13-A-01	Q8, THORNE	EAST RIDING OF YO	Wed	25/05/05	5.333
26	AN-13-A-01	SHELL, BELFAST	ANTRIM	Wed	13/09/06	5.300
27	NB-13-A-01	PFS/GARAGE, HENSHAW	NORTHUMBERLAND	Mon	23/06/03	5.125
28 **	**GM-13-A-08**	**PFS, ALTRINCHAM**	**GREATER MANCHESTE**	**Mon**	**07/06/04**	**5.125**
29	BD-13-A-01	SERVICE STATION, DUNSTA	BEDFORDSHIRE	Mon	05/07/04	5.100
30	LE-13-A-02	PETROL STATION, LEICEST	LEICESTERSHIRE	Mon	09/05/05	4.667
31	LE-13-A-01	TOTAL, LEICESTER	LEICESTERSHIRE	Wed	30/06/04	4.250
32	DL-13-A-01	MAXOL, DUBLIN	DUBLIN	Thu	14/04/05	3.500
33	CA-13-A-02	TOTAL PFS, ST NEOTS	CAMBRIDGESHIRE	Wed	05/03/03	3.500

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 13 - PETROL FILLING STATIONS
Category : A - PETROL FILLING STATIONS

VEHICLES

Selected regions and areas:

01	**GREATER LONDON**		
	BN	BARNET	1 days
	KN	KENSINGTON AND CHELSEA	1 days
	NH	NEWHAM	1 days
02	**SOUTH EAST**		
	BD	BEDFORDSHIRE	1 days
	HC	HAMPSHIRE	3 days
	KC	KENT	2 days
03	**SOUTH WEST**		
	DC	DORSET	1 days
04	**EAST ANGLIA**		
	CA	CAMBRIDGESHIRE	3 days
05	**EAST MIDLANDS**		
	LE	LEICESTERSHIRE	2 days
	NT	NOTTINGHAMSHIRE	1 days
06	**WEST MIDLANDS**		
	WM	WEST MIDLANDS	2 days
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	NY	NORTH YORKSHIRE	1 days
	RI	EAST RIDING OF YORKSHIRE	1 days
	WY	WEST YORKSHIRE	1 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	2 days
	MS	MERSEYSIDE	1 days
09	**NORTH**		
	DH	DURHAM	1 days
	NB	NORTHUMBERLAND	1 days
	TW	TYNE & WEAR	1 days
11	**SCOTLAND**		
	EB	CITY OF EDINBURGH	1 days
	FA	FALKIRK	1 days
	LO	WEST LOTHIAN	1 days
	SB	SCOTTISH BORDERS	1 days
12	**NORTHERN IRELAND**		
	AN	ANTRIM	1 days
14	**REPUBLIC OF IRELAND**		
	DL	DUBLIN	1 days

Main parameter selection:

Parameter: Filling bays
Range: 4 to 16 (units:)

Date Range: 01/01/98 to 13/09/06

Selected survey days:

Monday	6 days
Tuesday	9 days
Wednesday	5 days
Thursday	6 days
Friday	7 days

Selected survey types:

Manual count	33 days
Directional ATC Count	0 days

RANK ORDER for Land Use 13 - PETROL FILLING STATIONS/A - PETROL FILLING STATIONS

VEHICLES

Ranking Type: **ARRIVALS** Time Range: 17:00-18:00
15th Percentile = No. **28 (*)**
85th Percentile = No. **6 (*)**

Rank	Site-Ref	Description	Area	Day	Date	Trip Rate
1	LO-13-A-01	BP, LIVINGSTON	WEST LOTHIAN	Thu	12/05/05	16.875
2	TW-13-A-01	SHELL, NEWCASTLE	TYNE & WEAR	Thu	05/05/05	14.833
3	DC-13-A-09	TESCO PFS, DORCHESTER	DORSET	Tue	14/10/03	12.500
4	SB-13-A-01	SHELL, PEEBLES	SCOTTISH BORDERS	Thu	02/06/05	12.250
5	HC-13-A-01	ESSO, ROMSEY	HAMPSHIRE	Fri	19/07/02	11.250
6 **	**MS-13-A-01**	**BP, FORMBY**	**MERSEYSIDE**	**Tue**	**11/10/05**	**10.250**
7	KN-13-A-01	SHELL, KENSINGTON	KENSINGTON AND CH	Fri	07/05/04	10.000
8	CA-13-A-01	SHELL PFS, PETERBOROUGH	CAMBRIDGESHIRE	Tue	22/07/03	9.917
9	WY-13-A-01	BP, HUDDERSFIELD	WEST YORKSHIRE	Fri	14/03/03	9.375
10	DL-13-A-01	MAXOL, DUBLIN	DUBLIN	Thu	14/04/05	9.250
11	NH-13-A-01	BP, CANNING TOWN	NEWHAM	Tue	04/10/05	9.200
12	NT-13-A-01	ESSO, STAPLEFORD	NOTTINGHAMSHIRE	Tue	15/06/04	8.500
13	DH-13-A-01	TOTAL, ANNFIELD PLAIN	DURHAM	Mon	09/06/03	8.500
14	EB-13-A-01	BP, EDINBURGH	CITY OF EDINBURGH	Tue	31/05/05	8.250
15	KC-13-A-06	SAFEWAY PFS, GRAVESEND	KENT	Thu	18/09/03	8.000
16	RI-13-A-01	Q8, THORNE	EAST RIDING OF YO	Wed	25/05/05	7.667
17	CA-13-A-03	SHELL, CAMBRIDGE	CAMBRIDGESHIRE	Fri	05/11/04	7.625
18	HC-13-A-06	ESSO, WINCHESTER	HAMPSHIRE	Tue	16/07/02	7.375
19	WM-13-A-02	ESSO, BROMSGROVE	WEST MIDLANDS	Wed	29/01/03	7.143
20	FA-13-A-01	SHELL, FALKIRK	FALKIRK	Mon	23/05/05	7.000
21	BN-13-A-01	BP, NEW BARNET	BARNET	Tue	04/10/05	6.727
22	WM-13-A-01	SHELL, NEAR BROMSGROVE	WEST MIDLANDS	Thu	16/01/03	6.583
23	KC-13-A-05	SAINSBURYS PFS, BROADST	KENT	Fri	07/11/03	6.250
24	GM-13-A-07	BP CONNECT, PRESTWICH	GREATER MANCHESTE	Fri	11/06/04	5.800
25	LE-13-A-01	TOTAL, LEICESTER	LEICESTERSHIRE	Wed	30/06/04	5.625
26	NY-13-A-01	JET, TADCASTER	NORTH YORKSHIRE	Tue	10/05/05	5.444
27	HC-13-A-07	STAR PFS, ROMSEY	HAMPSHIRE	Fri	19/07/02	5.417
28 **	**LE-13-A-02**	**PETROL STATION, LEICEST**	**LEICESTERSHIRE**	**Mon**	**09/05/05**	**5.167**
29	GM-13-A-08	PFS, ALTRINCHAM	GREATER MANCHESTE	Mon	07/06/04	5.000
30	NB-13-A-01	PFS/GARAGE, HENSHAW	NORTHUMBERLAND	Mon	23/06/03	4.875
31	AN-13-A-01	SHELL, BELFAST	ANTRIM	Wed	13/09/06	4.600
32	BD-13-A-01	SERVICE STATION, DUNSTA	BEDFORDSHIRE	Mon	05/07/04	4.400
33	CA-13-A-02	TOTAL PFS, ST NEOTS	CAMBRIDGESHIRE	Wed	05/03/03	4.125

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 13 - PETROL FILLING STATIONS
Category : A - PETROL FILLING STATIONS

VEHICLES

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	KN	KENSINGTON AND CHELSEA	1 days
	NH	NEWHAM	1 days
02	**SOUTH EAST**		
	BD	BEDFORDSHIRE	1 days
	HC	HAMPSHIRE	3 days
	KC	KENT	2 days
03	**SOUTH WEST**		
	DC	DORSET	1 days
04	**EAST ANGLIA**		
	CA	CAMBRIDGESHIRE	3 days
05	**EAST MIDLANDS**		
	LE	LEICESTERSHIRE	2 days
	NT	NOTTINGHAMSHIRE	1 days
06	**WEST MIDLANDS**		
	WM	WEST MIDLANDS	2 days
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	NY	NORTH YORKSHIRE	1 days
	RI	EAST RIDING OF YORKSHIRE	1 days
	WY	WEST YORKSHIRE	1 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	2 days
	MS	MERSEYSIDE	1 days
09	**NORTH**		
	DH	DURHAM	1 days
	NB	NORTHUMBERLAND	1 days
	TW	TYNE & WEAR	1 days
11	**SCOTLAND**		
	EB	CITY OF EDINBURGH	1 days
	FA	FALKIRK	1 days
	LO	WEST LOTHIAN	1 days
	SB	SCOTTISH BORDERS	1 days
12	**NORTHERN IRELAND**		
	AN	ANTRIM	1 days
14	**REPUBLIC OF IRELAND**		
	DL	DUBLIN	1 days

Main parameter selection:

Parameter: Filling bays
Range: 4 to 16 (units:)

Date Range: 01/01/98 to 13/09/06

Selected survey days:

Monday	6 days
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Selected survey types:

Manual count	33 days
Directional ATC Count	0 days

RANK ORDER for Land Use 13 - PETROL FILLING STATIONS/A - PETROL FILLING STATIONS
VEHICLES

Ranking Type: **DEPARTURES** Time Range: 17:00-18:00
15th Percentile = No. **28 (*)**
85th Percentile = No. **6 (*)**

Rank	Site-Ref	Description	Area	Day	Date	Trip Rate
1	LO-13-A-01	BP, LIVINGSTON	WEST LOTHIAN	Thu	12/05/05	17.750
2	TW-13-A-01	SHELL, NEWCASTLE	TYNE & WEAR	Thu	05/05/05	15.000
3	DC-13-A-09	TESCO PFS, DORCHESTER	DORSET	Tue	14/10/03	13.083
4	HC-13-A-01	ESSO, ROMSEY	HAMPSHIRE	Fri	19/07/02	11.875
5	SB-13-A-01	SHELL, PEEBLES	SCOTTISH BORDERS	Thu	02/06/05	11.750
6 **	**NT-13-A-01**	**ESSO, STAPLEFORD**	**NOTTINGHAMSHIRE**	**Tue**	**15/06/04**	**10.667**
7	MS-13-A-01	BP, FORMBY	MERSEYSIDE	Tue	11/10/05	10.500
8	KN-13-A-01	SHELL, KENSINGTON	KENSINGTON AND CH	Fri	07/05/04	9.500
9	CA-13-A-01	SHELL PFS, PETERBOROUGH	CAMBRIDGESHIRE	Tue	22/07/03	9.417
10	WY-13-A-01	BP, HUDDERSFIELD	WEST YORKSHIRE	Fri	14/03/03	9.375
11	DL-13-A-01	MAXOL, DUBLIN	DUBLIN	Thu	14/04/05	9.250
12	NH-13-A-01	BP, CANNING TOWN	NEWHAM	Tue	04/10/05	9.200
13	EB-13-A-01	BP, EDINBURGH	CITY OF EDINBURGH	Tue	31/05/05	8.750
14	DH-13-A-01	TOTAL, ANNFIELD PLAIN	DURHAM	Mon	09/06/03	8.625
15	KC-13-A-06	SAFEWAY PFS, GRAVESEND	KENT	Thu	18/09/03	8.417
16	FA-13-A-01	SHELL, FALKIRK	FALKIRK	Mon	23/05/05	7.500
17	BN-13-A-01	BP, NEW BARNET	BARNET	Tue	04/10/05	7.455
18	HC-13-A-06	ESSO, WINCHESTER	HAMPSHIRE	Tue	16/07/02	7.375
19	RI-13-A-01	Q8, THORNE	EAST RIDING OF YO	Wed	25/05/05	7.333
20	WM-13-A-02	ESSO, BROMSGROVE	WEST MIDLANDS	Wed	29/01/03	7.000
21	CA-13-A-03	SHELL, CAMBRIDGE	CAMBRIDGESHIRE	Fri	05/11/04	6.875
22	WM-13-A-01	SHELL, NEAR BROMSGROVE	WEST MIDLANDS	Thu	16/01/03	6.583
23	KC-13-A-05	SAINSBURYS PFS, BROADST	KENT	Fri	07/11/03	6.083
24	GM-13-A-07	BP CONNECT, PRESTWICH	GREATER MANCHESTE	Fri	11/06/04	5.900
25	LE-13-A-01	TOTAL, LEICESTER	LEICESTERSHIRE	Wed	30/06/04	5.625
26	NY-13-A-01	JET, TADCASTER	NORTH YORKSHIRE	Tue	10/05/05	5.556
27	HC-13-A-07	STAR PFS, ROMSEY	HAMPSHIRE	Fri	19/07/02	5.333
28 **	**LE-13-A-02**	**PETROL STATION, LEICEST**	**LEICESTERSHIRE**	**Mon**	**09/05/05**	**5.333**
29	NB-13-A-01	PFS/GARAGE, HENSHAW	NORTHUMBERLAND	Mon	23/06/03	4.875
30	GM-13-A-08	PFS, ALTRINCHAM	GREATER MANCHESTE	Mon	07/06/04	4.625
31	AN-13-A-01	SHELL, BELFAST	ANTRIM	Wed	13/09/06	4.300
32	CA-13-A-02	TOTAL PFS, ST NEOTS	CAMBRIDGESHIRE	Wed	05/03/03	4.125
33	BD-13-A-01	SERVICE STATION, DUNSTA	BEDFORDSHIRE	Mon	05/07/04	4.100

APPENDIX D

TEMPRO 5 OUTPUT

TEMPRO REPORT

Results Type: Trip End By Time Period

Base Year: 2007
Future year: 2012
Data type: Growth factors
Time Period: Average Weekday

AREA **ALL**

	Origin	Destination
Car Driver		
DODWORTH (Zone)	1.060	1.060
Combined Modes		
DODWORTH (Zone)	1.060	1.060

APPENDIX E

SITE LAYOUT PLAN

FORMER SR GENTS, DODWORTH ROAD, BARNSLEY



WARNING TO HOUSE-PURCHASERS
Property Misdescriptions Act 1991

Buyers are warned that this is a working drawing and is not intended to be treated as descriptive material describing, in relation to any particular property or development, any of the Specified matters prescribed by any Order made under the above Act. The contents of this drawing may be subject to change at any time and alterations and variations can occur during the progress of the works without revision of the drawing. Consequently the layout, form, content and dimensions of the finished construction may differ materially from those shown. Nor do the contents of this drawing constitute a contract, part of any contract or warranty.

Schedule of Accommodation

Houses			
Washington	13	624	8112
Severn	4	490	1960
Richmond	10	720	7200
Palmerston	10	767	7670
Palgrave	1	960	960
Maidstone	23	832	19136
Alderney	4	1209	4836
Ascot	4	1477	5908
Radleigh	4	1372	5488
Buckingham	7	1059	7413
Windermere	11	1159	12749
Feskdale	13	1110	14430
Norbury	8	1134	9072
Woodcote	16	1190	19040
Kentmere	10	1088	10880
Keswick	11	1155	12705
	148		147399
Apartments			
Falkirk	16	565	9040
Argyll	1	653	653
	17		9693
Totals	166		157092

Site Figures	
Gross Site Area	10.8 Acres
POS	1.5 Acres
Undevelopable Area	0.4 Acres
Nett Site Area	8.9 Acres
Footage	17646 sq.ft./acre
Units/acre	18.65

North

Legend

- Proposed dwelling and house type code
- Proposed garage to be built
- Indicative landscaping
- Existing trees retained
- Trees to be removed

REV	DESCRIPTION	DATE	INT'LS

BARRATT

BARRATT SHEFFIELD
SIR WILFRID NEWTON HOUSE
NEWTON CHAMBERS ROAD
THORNCLIFFE PARK
CHAPELTOWN
S35 2PH

TELEPHONE 0114 257 2500
FAX 0114 257 3604

Job: Former SR Gents, Dodworth Road, Barnsley			
Title: Planning Layout			
Drawn: KL	Date: Sept 08	Drawing Number: SL/01	Rev
Checked	Scale: 1:500		

Planning Layout