

Appendix B X19 Timetable and Route Information





X19

Full Timetable

Barnsley
Darfield
Goldthorpe
Doncaster
Cantley
Robin Hood Airport

From 26/10/2013

Also serves:
Doncaster Racecourse
The Dome



Also available online at
travelsouthyorkshire.com

Operated by:



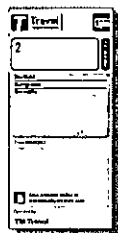
Some journeys operated
with financial support from
South Yorkshire Passenger
Transport Executive



What's changed

From Saturday 26 October 2013, there will be changes to the times of service X19.

An additional stopping point will be introduced in Goldthorpe.



We aim to provide information which is as accurate as possible. We cannot accept responsibility for errors, or for any service that does not operate to the times shown.

24 hour clock

Throughout South Yorkshire our timetables use the 24 hour clock to avoid confusion between am and pm times.

For example:

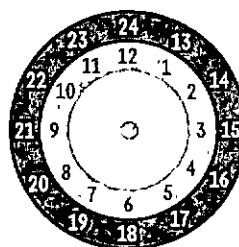
9.00am is shown as 0900

2.15pm is shown as 1415

10.25pm is shown as 2225

24 hour times

12 hour times



Limited Stop
Barnsley ▶ Doncaster

Between Barnsley and Doncaster buses only stop at the points below:

From:
BARNSLEY, Interchange

Stairfoot, Post Office
Ardsley, Doncaster Road (All Stops*)
Darfield, Saltersbrook Road (All Stops)
Billingley, Doncaster Road
Highgate, The Halfway
Goldthorpe, Doncaster Road / Lockwood Road
Goldthorpe, Doncaster Road / Pickhill's Avenue
Hickleton, All Stops
Marr, Barnsley Road / Church Lane
Scawsby, Barnsley Road, Roman Ridge
Cusworth, York Road (The Range)
St. Mary's, York Road (Morrisons)

To:
DONCASTER, Frenchgate Interchange

* In Ardsley the 1900 Sunday journey operated by First only stops at Doncaster Road, Christ Church.

Limited Stop
Doncaster ▶ Barnsley

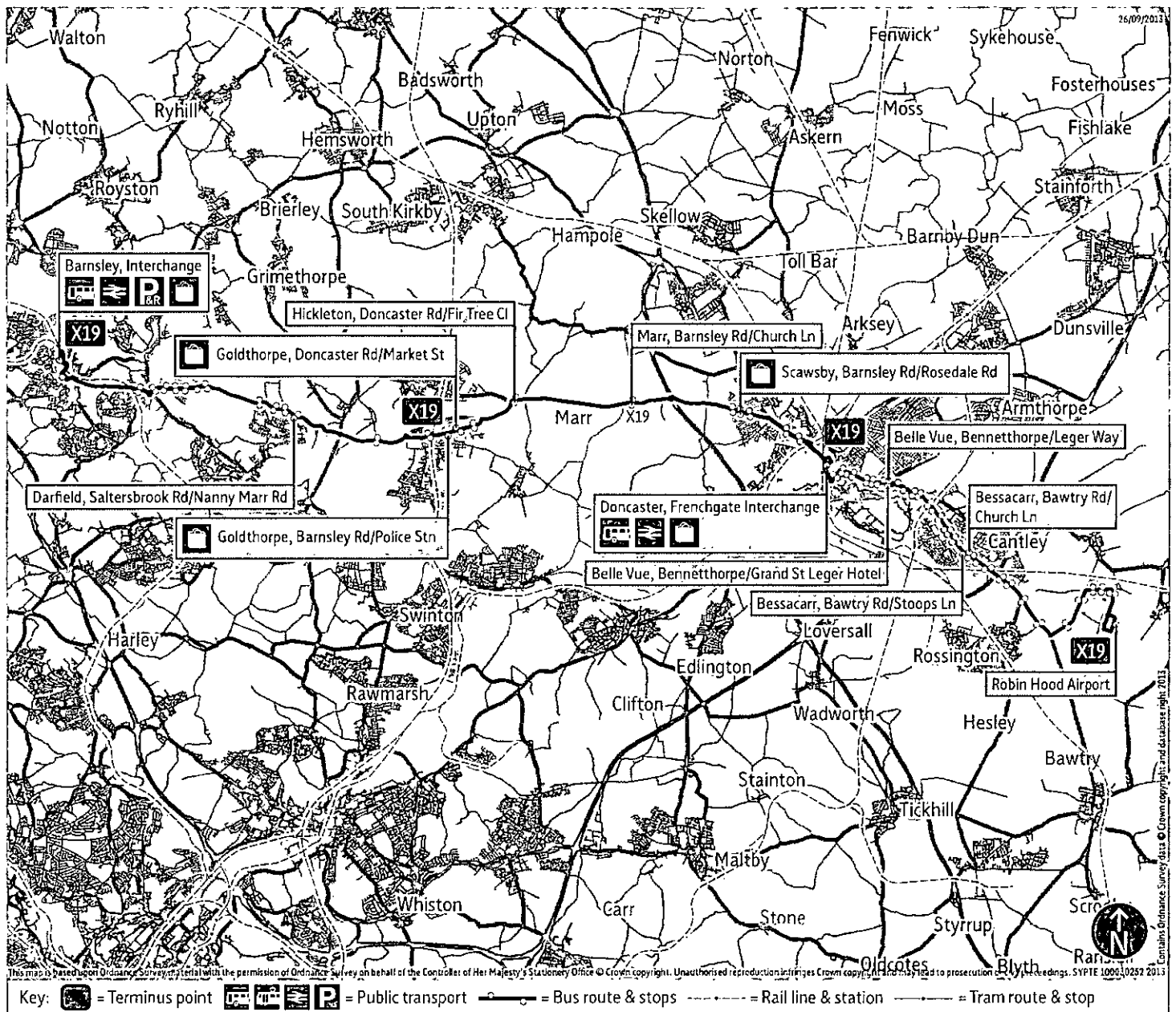
Between Doncaster and Barnsley buses only stop at the points below:

From:
DONCASTER, Frenchgate Interchange

St. Mary's, York Road (Morrisons)
Cusworth, York Road (The Range)
Scawsby, Barnsley Road, Roman Ridge
Marr, Barnsley Road / Church Lane
Hickleton, All Stops
Goldthorpe, Doncaster Road / Pickhill's Avenue
Goldthorpe, Cooperative Street
Goldthorpe, Police Station
Highgate, The Halfway
Billingley, Doncaster Road
Darfield, Saltersbrook Road (All Stops)
Ardsley, Doncaster Road (All Stops)
Stairfoot, Post Office
Barnsley Centre, Sheffield Road/West Way

To:
BARNSLEY, Interchange

Bus route map for service X19



Stopping points for service X19

Barnsley, Interchange ▶ Stairfoot ▶ Doncaster Road ▶ Ardsley ▶ Darfield ▶ Saltersbrook Road ▶ Billingley ▶ Barnsley Road ▶ Highgate ▶ Goldthorpe ▶ Doncaster Road ▶ Hickleton ▶ Barnsley Road ▶ Marr ▶ Scawsby ▶ York Road ▶ Doncaster, Interchange ▶ Cleveland Street ▶ Hall Gate ▶ South Parade ▶ Bennetthorpe ▶ Belle Vue ▶ Bawtry Road ▶ Belle Vue Way ▶ Booth Avenue ▶ Bessacarr ▶ Bawtry Road ▶ Parrots Corner ▶ Great North Road ▶ Mount Pleasant ▶ Finningley ▶ Hurst Lane ▶ Hayfield Lane ▶ First Avenue ▶ Robin Hood Airport

Robin Hood Airport ▶ Finningley ▶ First Avenue ▶ Hayfield Lane ▶ Hurst Lane ▶ Mount Pleasant ▶ Great North Road ▶ Parrots Corner ▶ Bessacarr ▶ Bawtry Road ▶ Belle Vue ▶ Booth Avenue ▶ Belle Vue Way ▶ Bennetthorpe ▶ South Parade ▶ Hall Gate ▶ Cleveland Street ▶ Doncaster, Interchange ▶ York Road ▶ Scawsby ▶ Barnsley Road ▶ Marr ▶ Hickleton ▶ Doncaster Road ▶ Goldthorpe ▶ Doncaster Road ▶ Barnsley Road ▶ Highgate ▶ Billingley ▶ Darfield ▶ Saltersbrook Road ▶ Ardsley ▶ Doncaster Road ▶ Stairfoot ▶ Sheffield Road ▶ Schwabish Gmund Way ▶ Barnsley, Interchange

X19 ▶ Monday to Friday

Barnsley Centre ▶ Robin Hood Airport

Barnsley, Interchange	0510	0600	0655	0725	0750	0850	0920	0950	1020	1050	1120	1150	1220	1250	1320	1350	1420
Darfield, Saltersbrook Rd/Nanny Marr Rd	0523	0613	0708	0739	0804	0904	0934	1004	1034	1104	1134	1204	1234	1304	1334	1404	1434
Goldthorpe, Doncaster Rd/Market St	0531	0621	0716	0748	0813	0912	0942	1012	1042	1112	1143	1213	1243	1313	1343	1413	1443
Hickleton, Barnsley Rd/Fir Tree Cl	0535	0625	0720	0752	0817	0916	0946	1016	1046	1116	1146	1216	1246	1316	1346	1416	1446
Marr, Barnsley Rd/Church Ln	0538	0628	0725	0756	0821	0920	0950	1020	1050	1120	1149	1219	1249	1319	1349	1419	1449
Scawsby, Barnsley Rd/Rosedale Rd	0543	0633	0734	0800	0825	0925	0955	1025	1055	1125	1153	1223	1253	1323	1353	1423	1453
Doncaster, Frenchgate Interchange	a. 0555	0645	0749	0817	0842	0940	1010	1040	1110	1140	1207	1237	1307	1337	1407	1437	1507
Doncaster, Frenchgate Interchange	d. 0555	0645	0750	-	0855	-	1013	-	1113	-	1207	-	1309	-	1409	-	1509
Belle Vue, Bennetthorpe/Leger Way	0601	0651	0757	-	0904	-	1020	-	1120	-	1215	-	1317	-	1417	-	1517
Bessacarr, Bawtry Rd/Church Ln	0608	0658	0809	-	0911	-	1027	-	1127	-	1223	-	1325	-	1425	-	1525
Robin Hood Airport, Robin Hood Airport	0619	0709	0827	-	0924	-	1039	-	1139	-	1235	-	1337	-	1437	-	1537

Barnsley, Interchange	1450	1520	1550	1625	1655	1725	1755	1820	1920	2020							
Darfield, Saltersbrook Rd/Nanny Marr Rd	1504	1535	1605	1640	1710	1740	1808	1833	1933	2033							
Goldthorpe, Doncaster Rd/Market St	1513	1544	1614	1649	1719	1749	1816	1841	1941	2041							
Hickleton, Barnsley Rd/Fir Tree Cl	1516	1547	1617	1652	1722	1752	1819	1844	1944	2044							
Marr, Barnsley Rd/Church Ln	1519	1550	1620	1655	1725	1755	1822	1847	1947	2047							
Scawsby, Barnsley Rd/Rosedale Rd	1523	1554	1624	1659	1729	1759	1826	1851	1951	2051							
Doncaster, Frenchgate Interchange	a. 1537	1608	1638	1713	1743	1813	1840	1905	2005	2105							
Doncaster, Frenchgate Interchange	d. -	1610	-	1715	-	1815	-	1910	2010	2110							
Belle Vue, Bennetthorpe/Leger Way	-	1618	-	1723	-	1823	-	1916	2016	2116							
Bessacarr, Bawtry Rd/Church Ln	-	1626	-	1731	-	1831	-	1923	2023	2123							
Robin Hood Airport, Robin Hood Airport	-	1639	-	1744	-	1844	-	1934	2034	2134							

X19 ▶ Monday to Friday

Robin Hood Airport ▶ Barnsley Centre

Robin Hood Airport, Robin Hood Airport	-	0624	0712	-	0835	-	0940	-	1041	-	1141	-	1241	-	1340	-	1440
Bessacarr, Bawtry Rd/Stoops Ln	-	0635	0724	-	0853	-	0952	-	1053	-	1153	-	1253	-	1352	-	1452
Belle Vue, Bennetthorpe/Grand St Leger Hotel	-	0641	0732	-	0905	-	0958	-	1059	-	1159	-	1259	-	1358	-	1458
Doncaster, Frenchgate Interchange	a.	-	0655	0746	-	0910	-	1011	-	1112	-	1212	-	1312	-	1411	-
Doncaster, Frenchgate Interchange	d.	-	0655	0747	0825	0915	0945	1015	1045	1115	1145	1215	1245	1315	1345	1415	1445
Scawsby, Barnsley Rd/Rosedale Rd	-	0701	0753	0831	0922	0951	1021	1051	1121	1151	1221	1251	1321	1351	1421	1451	1521
Marr, Barnsley Rd/Church Ln	-	0705	0757	0835	0926	0955	1025	1055	1125	1155	1225	1255	1325	1355	1425	1455	1525
Hickleton, Doncaster Rd/Fir Tree Cl	-	0708	0800	0839	0930	0958	1028	1058	1128	1158	1228	1258	1328	1358	1428	1458	1528
Goldthorpe, Barnsley Rd/Police Stn	0620	0716	0806	0845	0936	1003	1033	1103	1133	1203	1233	1303	1333	1403	1433	1503	1533
Darfield, Saltersbrook Rd/Nanny Marr Rd	0628	0724	0814	0853	0944	1011	1041	1111	1141	1211	1241	1311	1341	1411	1441	1511	1541
Barnsley, Interchange	0641	0737	0834	0910	1001	1027	1057	1127	1157	1227	1257	1327	1357	1427	1457	1527	1557

Robin Hood Airport, Robin Hood Airport	-	1543	-	1645	-	1750	-	1850	1940	2040	2140
Bessacarr, Bawtry Rd/Stoops Ln	-	1555	-	1658	-	1802	-	1901	1951	2051	2151
Belle Vue, Bennetthorpe/Grand St Leger Hotel	-	1601	-	1704	-	1808	-	1908	1958	2058	2158
Doncaster, Frenchgate Interchange	a.	-	1614	-	1713	-	1820	-	1921	2011	2111
Doncaster, Frenchgate Interchange	d.	1545	1615	1645	1720	1754	1824	1854	1924	2014	2114
Scawsby, Barnsley Rd/Rosedale Rd	1551	1621	1651	1726	1800	1831	1900	1930	2020	2120	2220
Marr, Barnsley Rd/Church Ln	1555	1625	1655	1730	1804	1835	1904	1934	2024	2124	2224
Hickleton, Doncaster Rd/Fir Tree Cl	1558	1628	1659	1734	1808	1838	1907	1937	2027	2127	2227
Goldthorpe, Barnsley Rd/Police Stn	1603	1633	1706	1741	1815	1842	1912	1943	2033	2133	2233
Darfield, Saltersbrook Rd/Nanny Marr Rd	1611	1641	1713	1748	1822	1849	1920	1950	2040	2140	2240
Barnsley, Interchange	1627	1657	1730	1805	1839	1905	1936	2002	2052	2152	2252

X19 ▶ Saturday

Barnsley Centre ▶ Robin Hood Airport

Barnsley, Interchange	-	0515	0600	0700	0725	0750	0850	0920	0950	1020	1050	1120	1150	1220	1250	1320	1350	1420
Darfield, Saltersbrook Rd/Nanny Marr Rd	0528	0613	0713	0739	0803	0904	0934	1004	1034	1104	1134	1204	1234	1304	1334	1404	1434	1464
Goldthorpe, Doncaster Rd/Market St	0536	0621	0721	0747	0811	0912	0942	1012	1042	1112	1142	1212	1242	1312	1342	1412	1442	1472
Hickleton, Barnsley Rd/Fir Tree Cl	0540	0625	0725	0751	0815	0916	0946	1016	1046	1116	1146	1216	1246	1316	1346	1416	1446	1476
Marr, Barnsley Rd/Church Ln	0543	0628	0729	0755	0819	0920	0950	1020	1050	1120	1150	1220	1250	1320	1350	1420	1450	1480
Scawsby, Barnsley Rd/Rosedale Rd	0548	0633	0734	0800	0825	0925	0955	1025	1055	1125	1155	1225	1255	1325	1355	1425	1455	1485
Doncaster, Frenchgate Interchange	a.	0600	0645	0746	0815	0840	0940	1010	1040	1110	1140	1210	1240	1310	1340	1410	1440	1470
Doncaster, Frenchgate Interchange	d.	0600	0645	0752	-	0852	-	1013	-	1113	-	1213	-	1312	-	1412	-	1512
Belle Vue, Bennetthorpe/Leger Way	0606	0651	0759	-	0859	-	1020	-	1120	-	1220	-	1319	-	1419	-	1519	-
Bessacarr, Bawtry Rd/Church Ln	0613	0658	0806	-	0906	-	1027	-	1127	-	1227	-	1326	-	1426	-	1526	-
Robin Hood Airport, Robin Hood Airport	0624	0709	0817	-	0918	-	1039	-	1139	-	1239	-	1338	-	1438	-	1538	-

Barnsley, Interchange	1450	1520	1550	1620	1650	1720	1820	1920	2020
Darfield, Saltersbrook Rd/Nanny Marr Rd	1504	1534	1604	1634	1704	1734	1834	1934	2034
Goldthorpe, Doncaster Rd/Market St	1512	1542	1612	1642	1712	1742	1841	1941	2041
Hickleton, Barnsley Rd/Fir Tree Cl	1516	1546	1616	1646	1716	1746	1845	1945	2045
Marr, Barnsley Rd/Church Ln	1520	1550	1620	1650	1720	1750	1849	1949	2049
Scawsby, Barnsley Rd/Rosedale Rd	1525	1555	1625	1655	1725	1755	1853	1953	2053
Doncaster, Frenchgate Interchange	a.	1540	1610	1640	1707	1740	1807	1905	2005
Doncaster, Frenchgate Interchange	d.	-	1612	-	1712	-	1810	1910	2010
Belle Vue, Bennetthorpe/Leger Way	-	1619	-	1719	-	1817	1917	2017	2117
Bessacarr, Bawtry Rd/Church Ln	-	1626	-	1726	-	1824	1922	2022	2122
Robin Hood Airport, Robin Hood Airport	-	1638	-	1738	-	1836	1933	2033	2133

X19 ▶ Saturday

Robin Hood Airport ▶ Barnsley Centre

Robin Hood Airport, Robin Hood Airport	0626	0715	-	0841	-	0941	-	1041	-	1141	-	1241	-	1341	-	1441	-
Bessacarr, Bawtry Rd/Stoops Ln	0637	0727	-	0853	-	0953	-	1053	-	1153	-	1253	-	1353	-	1453	-
Belle Vue, Bennetthorpe/Grand St Leger Hotel	0643	0733	-	0859	-	0959	-	1059	-	1159	-	1259	-	1359	-	1459	-
Doncaster, Frenchgate Interchange	a. 0655	0745	-	0911	-	1011	-	1111	-	1211	-	1311	-	1411	-	1511	-
Doncaster, Frenchgate Interchange	d. 0657	0750	0830	0915	0945	1015	1045	1115	1145	1215	1245	1315	1345	1415	1445	1515	1545
Scawsby, Barnsley Rd/Rosedale Rd	0703	0756	0836	0921	0951	1021	1051	1121	1151	1221	1251	1321	1351	1421	1451	1521	1551
Marr, Barnsley Rd/Church Ln	0707	0800	0840	0925	0955	1025	1055	1125	1155	1225	1255	1325	1355	1425	1455	1525	1555
Hickleton, Doncaster Rd/Fir Tree Cl	0710	0803	0844	0928	0958	1028	1058	1128	1158	1228	1258	1328	1358	1428	1458	1528	1558
Goldthorpe, Barnsley Rd/Police Stn	0718	0808	0851	0933	1003	1033	1103	1133	1203	1233	1303	1333	1403	1433	1503	1533	1603
Darfield, Saltersbrook Rd/Nanny Marr Rd	0726	0816	0858	0941	1011	1041	1111	1141	1211	1241	1311	1341	1411	1441	1511	1541	1611
Barnsley, Interchange	0740	0832	0915	0957	1027	1057	1127	1157	1227	1257	1327	1357	1427	1457	1527	1557	1627

Robin Hood Airport, Robin Hood Airport	1541	-	1641	-	1750	1850	1945	2045	2145
Bessacarr, Bawtry Rd/Stoops Ln	1553	-	1653	-	1800	1900	1955	2055	2155
Belle Vue, Bennetthorpe/Grand St Leger Hotel	1559	-	1659	-	1806	1906	2001	2101	2201
Doncaster, Frenchgate Interchange	a. 1611	-	1711	-	1812	1912	2010	2110	2210
Doncaster, Frenchgate Interchange	d. 1615	1645	1715	1742	1815	1915	2015	2115	2215
Scawsby, Barnsley Rd/Rosedale Rd	1621	1651	1721	1748	1821	1921	2021	2121	2221
Marr, Barnsley Rd/Church Ln	1625	1655	1725	1752	1825	1925	2025	2125	2225
Hickleton, Doncaster Rd/Fir Tree Cl	1628	1658	1728	1755	1829	1929	2029	2129	2229
Goldthorpe, Barnsley Rd/Police Stn	1633	1703	1733	1800	1836	1936	2036	2136	2236
Darfield, Saltersbrook Rd/Nanny Marr Rd	1641	1711	1741	1808	1843	1943	2043	2143	2243
Barnsley, Interchange	1657	1727	1757	1824	1900	2000	2100	2200	2300

X19 ▶ Sunday

Barnsley Centre ▶ Doncaster Centre

Barnsley, Interchange	0840	0940	1040	1140	1240	1340	1440	1540	1640
Darfield, Saltersbrook Rd/Nanny Marr Rd	0854	0954	1054	1154	1254	1354	1454	1554	1654
Goldthorpe, Doncaster Rd/Market St	0901	1001	1101	1201	1301	1401	1501	1601	1701
Hickleton, Barnsley Rd/Fir Tree Cl	0905	1005	1105	1205	1305	1405	1505	1605	1705
Marr, Barnsley Rd/Church Ln	0909	1009	1109	1209	1309	1409	1509	1609	1709
Scawsby, Barnsley Rd/Rosedale Rd	0913	1013	1113	1213	1313	1413	1513	1613	1713
Doncaster, Frenchgate Interchange	0925	1025	1125	1225	1325	1425	1525	1625	1725

X19 ▶ Sunday

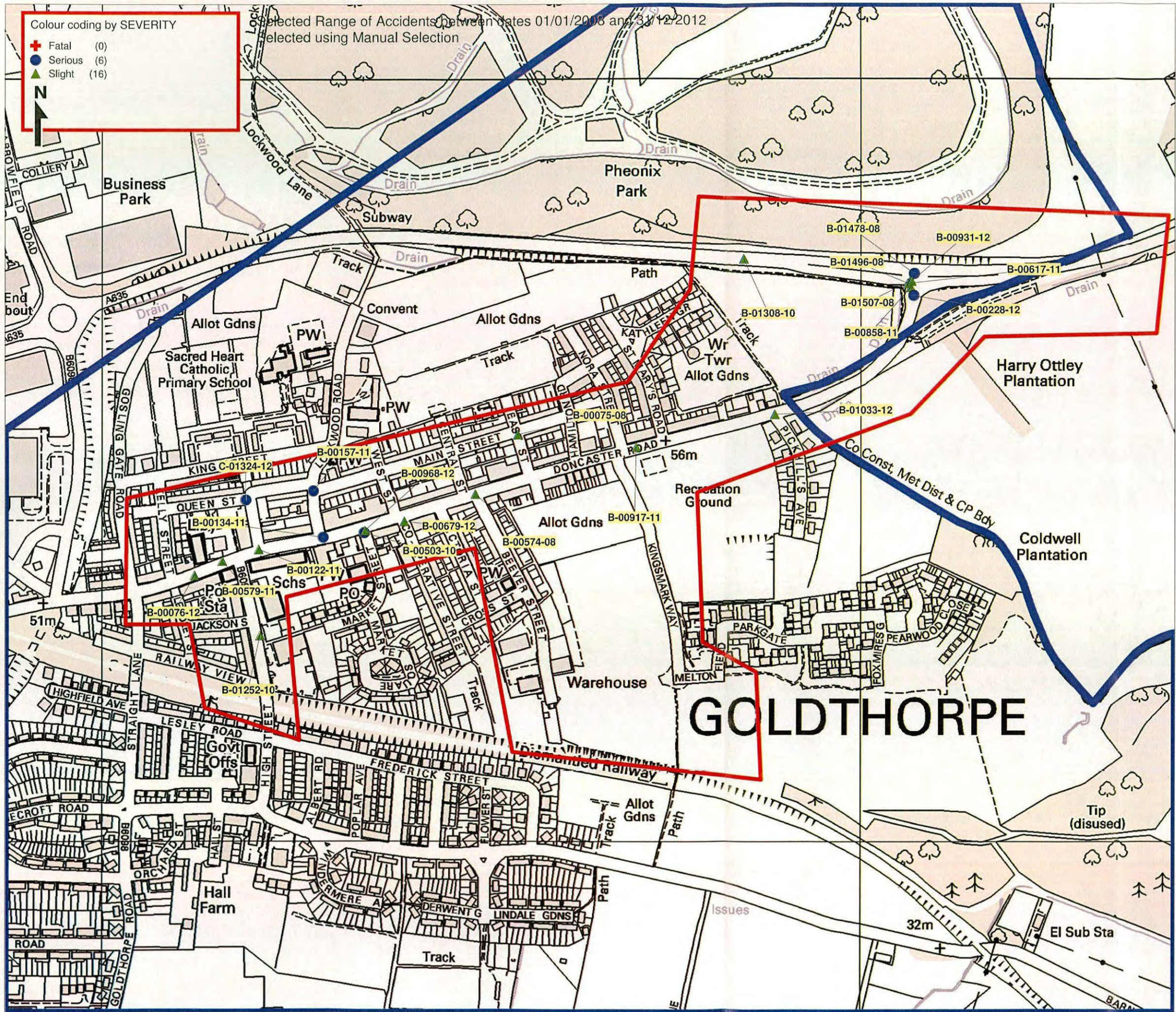
Doncaster Centre ▶ Barnsley Centre

Doncaster, Frenchgate Interchange	0950	1050	1150	1250	1350	1450	1550	1650	1750
Scawsby, Barnsley Rd/Rosedale Rd	0956	1056	1156	1256	1356	1456	1556	1656	1756
Marr, Barnsley Rd/Church Ln	1000	1100	1200	1300	1400	1500	1600	1700	1800
Hickleton, Doncaster Rd/Fir Tree Cl	1004	1104	1204	1304	1404	1504	1604	1704	1804
Goldthorpe, Barnsley Rd/Police Stn	1011	1111	1211	1311	1411	1511	1611	1711	1811
Darfield, Saltersbrook Rd/Nanny Marr Rd	1018	1118	1218	1318	1418	1518	1618	1718	1818
Barnsley, Interchange	1035	1135	1235	1335	1435	1535	1635	1735	1835

Notes: a. Arrival time; d. Departure time

Appendix C Accident Data





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**MAKING SOUTH YORKSHIRE
ROADS SAFER**

DRAWING TITLE Selected map area	
SCALE	1 : 4750
DATE	14/11/2013
DWG No.	
DRAWN BY	

Accidents between dates 01/01/2008 and 31/12/2012 (60) months
Selection: Notes:
Selected using Build Query : Optima Highways

B-00075-08 15/01/2008 Tuesday Time:1940 Vehicles 2 Casualties 2 Slight
Easting: 446,549 Northing: 404,532
Other Road SurfaceDry Darkness: street lights present and lit
Road Type: Single carriageway Speed Limit: 30

Location: EAST STREET GOLDTHORPE AT JCT MAIN STREET
Description:VEH'S COLLIDED AT CROSSROADS, BOTH CLAIMING THAT THE OTHER IS AT
FAULT

Vehicle Reference1 Car Going ahead
First point of impact:Offside
Vehicle direction:Parked to Parked Journey: Not known
Age of Driver :21 Breath test:Not applicable

Contributory Factors : 405 405

Casualty Reference 1 Age:21 Male Driver/rider Severity:Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference2 Car Going ahead
First point of impact:Front
Vehicle direction:Parked to Parked Journey: Not known
Age of Driver : 19 Breath test:Not applicable

Contributory Factors : 405 405

Casualty Reference 2 Age:19 Male Driver/rider Severity:Slight
Ped Dir: Ped Movement :
Ped Location:

AccsMap - Accident Analysis System

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

B-00574-08 04/05/2008 Sunday Time:1500 Vehicles 2 Casualties 1 Slight

Easting: 446,493 Northing: 404,454

Fine without high winds Road Surface: Dry Daylight: street lights present

Road Type: Single carriageway Speed Limit: 30

Location: DONCASTER RD GOLDTHORPE J/W BEEVER ST

Description: V1 TV ALONG A635 TW HIGH ST WHEN V2(PEDAL CYCLE) TV ROUND CORNER ON PAVEMENT. V2 THEN CAME OFF PAVEMENT ONTO RD & COLL WITH SIDE OF V1.

Vehicle Reference1 Car

Going ahead

First point of impact: Nearside

Vehicle direction: S to N

Journey: Not known

Age of Driver : 25

Breath test: Not applicable

Contributory Factors : 310 405 404

Vehicle Reference2 Pedal cycle

Going ahead

First point of impact: Offside

Vehicle direction: S to NE

Journey: Not known

Age of Driver : 10

Breath test: Not applicable

Contributory Factors : 310 405 404

Casualty Reference 1 Age: 10 Male Driver/rider Severity: Slight

Ped Dir: Ped Movement :

Ped Location:

Accidents between dates 01/01/2008 and 31/12/2012 (60) months
Selection: Notes:
Selected using Build Query : Optima Highways

B-01496-08 31/08/2008 Sunday Time:1931 Vehicles 2 Casualties 4 Slight
Easting: 447,062 Northing: 404,731
Raining without high winds Road Surface:Wet/Damp Darkness: street lights present and lit
Road Type: Dual carriageway Speed Limit: 70

Location: DEARNE VALLEY PARKWAY GOLDTHORPE J/W DONCASTER RD
Description:V2 COLL WITH REAR OF V1 WHISLT V1 WAS WAITING AT JCT

Vehicle Reference1 Car Waiting to go ahead but held up
First point of impact:Back
Vehicle direction: S to N Journey: Not known
Age of Driver : 39 Breath test:Not applicable

Contributory Factors : 406 501

Casualty Reference 1 Age:10 Male Passenger Severity:Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference 2 Age:42 Male Passenger Severity:Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference 3 Age:15 Male Passenger Severity:Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference 4 Age:12 Male Passenger Severity:Slight
Ped Dir: Ped Movement :
Ped Location:

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

Vehicle Reference2 Car Going ahead
First point of impact:Did not impact
Vehicle direction: S to N Journey: Not known
Age of Driver : 60 Breath test:Not applicable

Contributory Factors : 406 501

B-01478-08 19/11/2008 Wednesday Time:1815 Vehicles 2 Casualties 1 Serious
Easting: 447,070 Northing: 404,744
Fine without high winds Road SurfaceDry Darkness: street lights present and lit
Road Type: Dual carriageway Speed Limit: 60

Location: DEARNEVALLEY PARKWAY GOLDTHORPE J/W DONCASTER RD
Description:V1 WAS STATIONARY AT JCT OF DONCASTER RD WITH R INDICATOR
LUMINATED TO TURN R, DRIVER THEN PROCEEDED TO TURN R ONTO
DEARNVALLEY PARKWAY STOPPING IN CENTRE OF RD BETWEEN ROAD
MARKINGS WHEN RIDER OF V2 TV WEST ON A635 COLL WITH TRAILER ON V1.

Vehicle Reference1 Car Moving off
First point of impact:Offside
Vehicle direction: N to E Journey: Not known
Age of Driver : 43 Breath test:Not applicable

Contributory Factors : 402 405 406 704

Vehicle Reference2 Motorcycle over 125cc and upGoing ahead
First point of impact:Front
Vehicle direction: E to W Journey: Not known
Age of Driver : 25 Breath test:Not applicable

Contributory Factors : 402 405 406 704

Casualty Reference 1 Age:25 Male Driver/rider Severity:Serious
Ped Dir: Ped Movement :
Ped Location:

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

B-01507-08 03/12/2008 Wednesday Time:1722 Vehicles 2 Casualties 2 Slight

Easting: 447,064 Northing: 404,734

Fine without high winds Road Surface:Wet/Damp Darkness: street lights present and lit

Road Type: Single carriageway Speed Limit: 60

Location: DEARNE VALLEY BYPASS GOLDTHORPE AT J/W DONCASTER RD

Description:V1 TR ON CARR WHEN V2 EMERGED FROM JCT INTO PATH OF V1 AND COLL
OCC.

Vehicle Reference1 Car

Going ahead

First point of impact:Front

Vehicle direction: E to W

Journey: Journey as part of work

Age of Driver : 32

Breath test:Not applicable

Contributory Factors : 402 405 406 603

Casualty Reference 1 Age:32 Female Driver/rider Severity:Slight

Ped Dir: Ped Movement :

Ped Location:

Vehicle Reference2 Car

Turning right

First point of impact:Offside

Vehicle direction: S to E

Journey: Journey as part of work

Age of Driver : 61

Breath test:Not applicable

Contributory Factors : 402 405 406 603

Casualty Reference 2 Age:61 Female Driver/rider Severity:Slight

Ped Dir: Ped Movement :

Ped Location:

AccsMap - Accident Analysis System

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

B-00503-10 13/05/2010 Thursday Time:0951 Vehicles 1 Casualties 1 Serious

Easting: 446,346 Northing: 404,403

Fine without high winds Road Surface:Dry Daylight:street lights present

Road Type: Single carriageway Speed Limit: 30

Location: MARKET ST GOLDTHORPE J/W DONCASTER RD

Description:V1 TURNING R ONTO MARKET ST, AS V1 ENTERED JCT IT COLL WITH PED
CROSSING RD.

Vehicle Reference1 Car

Going ahead

First point of impact:Front

Vehicle direction: W to S

Journey: Not known

Age of Driver : 27

Breath test:Not applicable

Contributory Factors : 802 405

Casualty Reference 1 Age:38 Male Pedestrian Severity:Serious

Ped Dir:Pedestrian Dir Ped Movement : Driver's nearside

Ped Location:In carr elsewhere

Accidents between dates 01/01/2008 and 31/12/2012 (60) months
Selection: Notes:
Selected using Build Query : Optima Highways

B-01252-10 24/11/2010 Wednesday Time:1620 Vehicles 1 Casualties 2 Slight
Easting: 446,209 Northing: 404,268
Fine without high winds Road Surface:Wet/Damp Daylight:street lights present
Road Type: Single carriageway Speed Limit: 30

Location: HIGH ST GOLDTHORPE

Description:V1 TV ALONG HIGH ST TW HALL ST WHEN HE HIT A CAT IN THE RD. HE THEN
BEGAN TO REVERSE INTO A NEARBY BUS STOP WHEN HE HEARD A THUD(
CHECKED PRIOR TO REVERSING & IT WAS CLEAR) HE THEN SAW REAR OF VEH
HAD COLL WITH TWO PEDESTRIANS.

Vehicle Reference1 Car Reversing
First point of impact:Back
Vehicle direction: S to N Journey: Not known
Age of Driver :37 Breath test:Not applicable

Contributory Factors : 405 802 802 803 803

Casualty Reference 1 Age:37 Female Pedestrian Severity:Slight
Ped Dir:9 Ped Movement : Driver's offside
Ped Location:In carr elsewhere

Casualty Reference 2 Age:34 Female Pedestrian Severity:Slight
Ped Dir:9 Ped Movement : Driver's offside
Ped Location:In carr elsewhere

AccsMap - Accident Analysis System

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

B-01308-10 05/12/2010 Sunday Time:0943 Vehicles 1 Casualties 1 Slight

Easting: 446,847 Northing: 404,763

Other Road Surface:Frost/Ice Daylight:street lights present

Road Type: Single carriageway Speed Limit: 60

Location: DEARNE VALLEY PARKWAY GOLDTHORPE

Description:VEH SKIDS ON ICE MOUNTING KERB AND COLL WITH LAMP POST

Vehicle Reference1 Car Going ahead

First point of impact:Offside

Vehicle direction: E to W

Journey: Not known

Age of Driver : 19

Breath test:Not applicable

Contributory Factors : 103 101 410

Casualty Reference 1 Age:19 Female Driver/rider Severity:Slight

Ped Dir:Pedestrian Di Ped Movement : Not pedestrian

Ped Location:

Accidents between dates 01/01/2008 and 31/12/2012 (60) months
Selection: Notes:
Selected using Build Query : Optima Highways

B-00122-11 01/02/2011 Tuesday Time:1150 Vehicles 1 Casualties 1 Slight
Easting: 446,207 Northing: 404,381
Fine without high winds Road Surface:Dry Daylight:street lights present
Road Type: Single carriageway Speed Limit: 30

Location: BARNLEY RD GOLDTHORPE J/W WHITWORTH RD
Description:V1 TV ALONG A635 TW GOLDTHORPE CENTRE FROM DIRC OF DONCASTER RD.
AS V1 APP JCT YOUNG CHILD SUDDENLY RAN INTO RD INTO PATH OF V1.

Vehicle Reference1 Taxi Slowing or Stopping
First point of impact:Nearside
Vehicle direction:Parked to Parked Journey: Not known
Age of Driver :73 Breath test:Negative

Contributory Factors : 802 803 808

Casualty Reference 1 Age:2 Female Pedestrian Severity:Slight
Ped Dir:Pedestrian Dii Ped Movement : Driver's nearside
Ped Location:In carr elsewhere

AccsMap - Accident Analysis System

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

B-00134-11 06/02/2011 Sunday Time:1420 Vehicles 1 Casualties 1 Serious

Easting: 446,292

Northing: 404,397

Fine with high winds

Road Surface Dry

Daylight: street lights present

Road Type: Single carriageway

Speed Limit: 30

Location: BARNSELY RD GOLDTHORPE J/W LOCKWOOD RD

Description: PED STATES HE WAS CROSSING RD USING PEDESTRIAN LIGHT CONTROLLED
XING WHEN V1 STRUCK HIS R ARM.

Vehicle Reference 1 Car

Going ahead

First point of impact: Front

Vehicle direction: Parked to Parked

Journey: Not known

Age of Driver :

Breath test: Driver not contacted

Contributory Factors :

Casualty Reference 1

Age: 39

Male

Pedestrian

Severity: Serious

Ped Dir: Pedestrian Dii

Ped Movement : Driver's nearside

Ped Location: On Ped Crossing

Accidents between dates 01/01/2008 and 31/12/2012 (60) months
Selection: Notes:
Selected using Build Query : Optima Highways

B-00157-11 13/02/2011 Sunday Time:1035 Vehicles 2 Casualties 2 Serious
Easting: 446,279 Northing: 404,458
Raining without high winds Road Surface:Wet/Damp Daylight:street lights present
Road Type: Single carriageway Speed Limit: 30

Location: LOCKWOOD RD GOLDTHORPE AT J/W MAIN ST
Description:V1 TR DOWN RD WHEN V2 EMERGED FROM JCT INTO PATH OF V1 AND COLL
OCC.

Vehicle Reference1 Car Going ahead left hand bend
First point of impact:Front
Vehicle direction: N to S Journey: Not known
Age of Driver :39 Breath test:Negative

Contributory Factors : 999

Vehicle Reference2 Motorcycle over 50cc and up to turning right
First point of impact:Offside
Vehicle direction: E to N Journey: Not known
Age of Driver : 13 Breath test:Negative

Contributory Factors : 999

Casualty Reference 1 Age:13 Male Driver/rider Severity:Slight
Ped Dir:Pedestrian Dir Ped Movement : Not pedestrian
Ped Location:

Casualty Reference 2 Age:13 Male Passenger Severity:Serious
Ped Dir:Pedestrian Dir Ped Movement : Not pedestrian
Ped Location:

Accidents between dates 01/01/2008 and 31/12/2012 (60) months
Selection: Notes:
Selected using Build Query : Optima Highways

B-00579-11 22/06/2011 Wednesday Time:1215 Vehicles 2 Casualties 1 Slight
Easting: 446,159 Northing: 404,366
Fine without high winds Road Surface:Dry Daylight:street lights present
Road Type: Single carriageway Speed Limit: 30

Location: BARNSELY RD GOLDTHORPE
Description:V1 STATIONARY AT TRAFFICS LIGHTS WHEN V2 COLL WITH REAR OF V1

Vehicle Reference1 Car Waiting to go ahead but held up
First point of impact:Back
Vehicle direction: W to E Journey: Not known
Age of Driver : 18 Breath test:Driver not contacted

Contributory Factors : 405

Casualty Reference 1 Age:18 Male Driver/rider Severity:Slight
Ped Dir:Pedestrian Dir Ped Movement : Not pedestrian
Ped Location:

Vehicle Reference2 Car Going ahead
First point of impact:Did not impact
Vehicle direction: W to E Journey: Not known
Age of Driver : Breath test:Driver not contacted

Contributory Factors : 405

Accidents between dates 01/01/2008 and 31/12/2012 (60) months
Selection: Notes:
Selected using Build Query : Optima Highways

B-00617-11 05/07/2011 Tuesday Time:1811 Vehicles 3 Casualties 1 Slight
Easting: 447,061 Northing: 404,731
Fine without high winds Road Surface:Dry Daylight:street lights present
Road Type: Single carriageway Speed Limit: 30

Location: DONCASTER RD GOLDTHORPE J/W BARNSELY RD
Description:V1 SEES V3 & ACCELERATES AWAY. DRIVER LOSES CONTROL ON BEND &
SPINS 180 DEGREES & COLL WITH F/O/S OF V2.

Vehicle Reference1 Car Overtaking on nearside
First point of impact:Back
Vehicle direction: S to N Journey: Not known
Age of Driver : 18 Breath test:Negative

Contributory Factors : 306 410 602

Casualty Reference 1 Age:18 Male Driver/rider Severity:Slight
Ped Dir:Pedestrian Dir Ped Movement : Not pedestrian
Ped Location:

Vehicle Reference2 Van or Goods <= 3.5 tonnes mTurning left
First point of impact:Front
Vehicle direction: E to S Journey: Journey as part of work
Age of Driver : 49 Breath test:Negative

Contributory Factors : 306 410 602

Vehicle Reference3 Car Going ahead
First point of impact:Did not impact
Vehicle direction: SW to N Journey: Journey as part of work
Age of Driver : 43 Breath test:Negative

Contributory Factors : 306 410 602

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

B-00858-11 07/09/2011 Wednesday Time:1035 Vehicles 2 Casualties 1 Slight

Easting: 447,065 Northing: 404,726

Raining without high winds Road Surface:Wet/Damp Daylight:street lights present

Road Type: Single carriageway Speed Limit: 60

Location: DONCASTER RD GOLDTHORPE AT J/W DEARNE VALLEY PARKWAY

Description:V1 WAITING AT JCT TO ENTER CARR, V2 FOLLOWING FAILED TO REACT IN TIME
AND COLL WITH REAR OF V1 THEN LEFT SCENE.

Vehicle Reference1 Car

Waiting to turn left

First point of impact:Back

Vehicle direction: SW to N

Journey: Not known

Age of Driver : 65

Breath test:Not requested

Contributory Factors : 405

Casualty Reference 1 Age:65 Male Driver/rider Severity:Slight

Ped Dir: Ped Movement :

Ped Location:

Vehicle Reference2 Car

Going ahead

First point of impact:Front

Vehicle direction: SW to N

Journey: Not known

Age of Driver :

Breath test:Driver not contacted

Contributory Factors : 405

Accidents between dates 01/01/2008 and 31/12/2012 (60) months
Selection: Notes:
Selected using Build Query : Optima Highways

B-00917-11 26/09/2011 Monday Time:1730 Vehicles 2 Casualties 1 Slight
Easting: 446,705 Northing: 404,516
Fine without high winds Road Surface Dry Daylight:street lights present
Road Type: Single carriageway Speed Limit: 30

Location: DONCASTER RD GOLDTHORPE 20 MTS FROM NORA ST
Description:V1 PASSING PARKED VEH'S WHEN V2 PULLED OUT IN FRONT OF V1 CAUSING
HIM TO COLL WITH REAR OF V2.

Vehicle Reference1 Motorcycle over 50cc and up to 600cc Going ahead
First point of impact:Front
Vehicle direction: W to E Journey: Not known
Age of Driver :30 Breath test:Not requested

Contributory Factors : 405 406 403 306

Casualty Reference 1 Age:30 Male Driver/rider Severity:Slight

Ped Dir: Ped Movement:
Ped Location:

Vehicle Reference2 Van or Goods <= 3.5 tonnes not moving off
First point of impact:Back
Vehicle direction: W to E Journey: Not known
Age of Driver :58 Breath test:Not requested

Contributory Factors : 405 406 403 306

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

B-00076-12 27/01/2012 Friday Time:1150 Vehicles 1 Casualties 1 Slight
Easting: 446,122 Northing: 404,347
Fine without high winds Road Surface:Dry Daylight:street lights present
Road Type: Single carriageway Speed Limit: 30

Location: BARNLEY RD GOLDTHORPE

Description:PED GOING TO CATCH BUS BUT BUS ARRIVED BEFORE SHE REACHED HER
STOP, BUS SET OFF BUT PED BANGED ON WINDOW AND FELL TO GROUND

Vehicle Reference:1 Bus or coach

Moving off

First point of impact:Nearside

Vehicle direction:Parked to W

Journey: Journey as part of work

Age of Driver : 52

Breath test:Driver not contacted

Contributory Factors : 405 406 407 803 808

Casualty Reference 1 Age:65 Female Pedestrian

Severity:Slight

Ped Dir:Pedestrian Dir Ped Movement : Movement U/K

Ped Location:On footpath / verge

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

B-00228-12 09/03/2012 Friday Time:1815 Vehicles 2 Casualties 3 Serious

Easting: 447,069 Northing: 404,715

Fine without high winds Road Surface:Dry Darkness: street lights present and lit

Road Type: Single carriageway Speed Limit: 60

Location: DONCASTER RD GOLDTHORPE

Description:V1 EMERGED FROM JCT INTO PATH OF V2 AND COLL OCC.

Vehicle Reference1 Car

Moving off

First point of impact:Offside

Vehicle direction: S to N

Journey: Not known

Age of Driver : 48

Breath test:Not requested

Contributory Factors : 405

Casualty Reference 2 Age:48 Male Driver/rider Severity:Serious

Ped Dir:Pedestrian Dii Ped Movement : Not pedestrian

Ped Location:

Vehicle Reference2 Car

Going ahead

First point of impact:Front

Vehicle direction: E to W

Journey: Not known

Age of Driver : 29

Breath test:Not requested

Contributory Factors : 405

Casualty Reference 1 Age:29 Male Driver/rider Severity:Serious

Ped Dir:Pedestrian Dii Ped Movement : Not pedestrian

Ped Location:

Casualty Reference 3 Age:21 Male Passenger Severity:Slight

Ped Dir:Pedestrian Dii Ped Movement : Not pedestrian

Ped Location:

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

B-00679-12 22/07/2012 Sunday Time:0050 Vehicles 1 Casualties 2 Slight
Easting: 446,399 Northing: 404,418
Fine without high winds Road Surface:Dry Darkness: street lights present and lit
Road Type: Single carriageway Speed Limit: 30

Location: DONCATER RD GOLDTHORPE AT J/W CO OPERATIVE ST
Description:VEH TURNS INTO JCT AND COLL WITH PEDS CORSSING RD.

Vehicle Reference1 Car Turning right
First point of impact:Front
Vehicle direction: N to S Journey: Not known
Age of Driver : Breath test:Driver not contacted

Contributory Factors : 602 403

Casualty Reference 1 Age:37 Female Pedestrian Severity:Slight
Ped Dir:Pedestrian Dii Ped Movement : Driver's offside
Ped Location:On refuge

Casualty Reference 2 Age:32 Female Pedestrian Severity:Slight
Ped Dir:Pedestrian Dii Ped Movement : Driver's offside
Ped Location:On refuge

Accidents between dates 01/01/2008 and 31/12/2012 (60) months
Selection: Notes:
Selected using Build Query : Optima Highways

B-00931-12 16/10/2012 Tuesday Time:1615 Vehicles 2 Casualties 1 Slight
Easting: 447,066 Northing: 404,734
Fine with high winds Road Surface:Dry Daylight:street lights present
Road Type: Single carriageway Speed Limit: 60

Location: DEARNE VALLEY PARKWAY GOLDTHORPE J/W DONCASTER RD
Description:VEH1 MCYCLE TV ALG A635 T/WARDS BARNSELY. VEH2 LGV PULLS OUT OF
DONCASTER RD TURNING R T/WARDS DONCASTER. VEH1 SWERVES TO TRY &
MISS VEH2 BUT STILL COLL REAR NEAR SIDE VEH2

Vehicle Reference1 Motorcycle over 500cc Going ahead
First point of impact:Front
Vehicle direction: E to W Journey: Not known
Age of Driver :57 Breath test:Driver not contacted

Contributory Factors : 405

Casualty Reference 1 Age:57 Male Driver/rider Severity:Slight
Ped Dir:Pedestrian Dia Ped Movement : Not pedestrian
Ped Location:.

Vehicle Reference2 Van or Goods <= 3.5 tonnes mTurning right
First point of impact:Back
Vehicle direction: S to E Journey: Journey as part of work
Age of Driver : Breath test:Driver not contacted

Contributory Factors : 405

AccsMap - Accident Analysis System

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

B-00968-12 27/10/2012 Saturday Time:0915 Vehicles 1 Casualties 1 Slight

Easting: 446,347 Northing: 404,406

Fine without high winds Road Surface:Dry Daylight:street lights present

Road Type: Single carriageway Speed Limit: 30

Location: MARKET STREET GOLDTHORPE DONCASTER ROAD

Description: PEDN XING MARKET ST WHEN MOBILITY SCOOTER COMES AROUND CORNER
AND COLL OCCURS.

Vehicle Reference1 Other non-motor vehicle Turning left

First point of impact:Front

Vehicle direction: NE to S

Journey: Not known

Age of Driver : 68

Breath test:Not requested

Contributory Factors : 706 405 802

Casualty Reference 1 Age:76 Female Pedestrian Severity:Slight

Ped Dir:Pedestrian Dii Ped Movement : Driver's nearside

Ped Location:In carr elsewhere

Accidents between dates 01/01/2008 and 31/12/2012 (60) months
Selection: Notes:
Selected using Build Query : Optima Highways

B-01033-12 10/11/2012 Saturday Time:1545 Vehicles 1 Casualties 1 Slight
Easting: 446,887 Northing: 404,559
Fine without high winds Road Surface:Dry Daylight:street lights present
Road Type: Single carriageway Speed Limit: 30

Location: DONCASTER RD GOLDTHORPE AT J/W PICKHILLS AVE
Description:DRIVER LOST CONTROL COLL WITH GARDEN WALL, BOUNCED OFF WALL AND
ACC RD.

Vehicle Reference1 Car Going ahead
First point of impact:Front
Vehicle direction: NE to SW Journey: Not known
Age of Driver :22 Breath test:Not requested

Contributory Factors : 502

Casualty Reference 1 Age:22 Male Driver/rider Severity:Slight
Ped Dir:Pedestrian Di Ped Movement : Not pedestrian
Ped Location:

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

C-01324-12 01/12/2012 Saturday Time:1705 Vehicles 1 Casualties 1 Serious
Easting: 446,190 Northing: 404,446
Unknown Road Surface:Dry Darkness: street lights present and lit
Road Type: Single carriageway Speed Limit: 30

Location: QUEEN STREET GOLDTHORPE, ROTHERHAM J/W WHITWORTH STREET
Description:VEH 1 MCAR TV ON ELIZABETH STREET J/W QUEEN ST AND WHITWORTH ST.
HEADING WESTERLY DIRC. CAS 1 PED XING QUEEN ST. VEH 1 ATTEMPTS
TURN LT BUT NO ENTRY SIGN. VEH 1 COLL CAS 1ON N/S.

Vehicle Reference1 Car Going ahead
First point of impact:Nearside
Vehicle direction: E to W Journey: Not known
Age of Driver : 46 Breath test:Negative

Contributory Factors : 602 403 406

Casualty Reference 1 Age:21 Male Pedestrian Severity:Serious
Ped Dir:Pedestrian Dii Ped Movement : Driver's nearside
Ped Location:In carr elsewhere

Accidents involving:

	Fatal	Serious	Slight	Total
Motor vehicles only excluding 2-wheels	0	4	12	16
2-wheeled motor vehicles	0	2	2	4
Pedal cycles	0	0	1	1
Horses & other	0	0	1	1
Total	0	6	16	22

Casualties:

	Fatal	Serious	Slight	Total
Vehicle driver	0	2	9	11
Passenger	0	1	5	6
Motorcycle rider	0	1	3	4
Cyclist	0	0	1	1
Pedestrian	0	3	7	10
Other	0	0	0	0
Total	0	7	25	32

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Selected using Build Query :

Notes:

Optima Highways

Police Ref.	Date	Cas.	Sev.	Cycs	Peds	Ch	OAPs	Vis.	Manv.	Road Cond.	Time	Location
B-00075-08	15/01/2008	2	Slight	0	0	0	0	Dark	No turn	Dry	1940	EAST STREET GOLDTHORPE AT JCT MAIN STREET
B-00574-08	04/05/2008	1	Slight	1	0	1	0	Light	No turn	Dry	1500	DONCASTER RD GOLDTHORPE J/W BEEVER ST
B-01496-08	31/08/2008	4	Slight	0	0	3	0	Dark	No turn	Wet/Damp	1931	DEARNE VALLEY PARKWAY GOLDTHORPE J/W DONCASTER RD
B-01478-08	19/11/2008	1	Serious	0	0	0	0	Dark	No turn	Dry	1815	DEARNE VALLEY PARKWAY GOLDTHORPE J/W DONCASTER RD
B-01507-08	03/12/2008	2	Slight	0	0	0	1	Dark	Right	Wet/Damp	1722	DEARNE VALLEY BYPASS GOLDTHORPE AT J/W DONCASTER RD
B-00503-10	13/05/2010	1	Serious	0	1	0	0	Light	No turn	Dry	0951	MARKET ST GOLDTHORPE J/W DONCASTER RD
B-01252-10	24/11/2010	2	Slight	0	2	0	0	Light	No turn	Wet/Damp	1620	HIGH ST GOLDTHORPE
B-01308-10	05/12/2010	1	Slight	0	0	0	0	Light	No turn	Frost/Ice	0943	DEARNE VALLEY PARKWAY GOLDTHORPE
B-00122-11	01/02/2011	1	Slight	0	1	1	0	Light	No turn	Dry	1150	BARNSLEY RD GOLDTHORPE J/W WHITWORTH RD
B-00134-11	06/02/2011	1	Serious	0	1	0	0	Light	No turn	Dry	1420	BARNSLEY RD GOLDTHORPE J/W LOCKWOOD RD
B-00157-11	13/02/2011	2	Serious	0	0	2	0	Light	Right	Wet/Damp	1035	LOCKWOOD RD GOLDTHORPE AT J/W MAIN ST
B-00579-11	22/06/2011	1	Slight	0	0	0	0	Light	No turn	Dry	1215	BARNSLEY RD GOLDTHORPE
B-00617-11	05/07/2011	1	Slight	0	0	0	0	Light	Left	Dry	1811	DONCASTER RD GOLDTHORPE J/W BARNSLEY RD
B-00858-11	07/09/2011	1	Slight	0	0	0	1	Light	Left	Wet/Damp	1035	DONCASTER RD GOLDTHORPE AT J/W DEARNE VALLEY PARKWAY
B-00917-11	26/09/2011	1	Slight	0	0	0	0	Light	No turn	Dry	1730	DONCASTER RD GOLDTHORPE 20 MTS FROM NORA ST
B-00076-12	27/01/2012	1	Slight	0	1	0	1	Light	No turn	Dry	1150	BARNSLEY RD GOLDTHORPE
B-00228-12	09/03/2012	3	Serious	0	0	0	0	Dark	No turn	Dry	1815	DONCASTER RD GOLDTHORPE
B-00679-12	22/07/2012	2	Slight	0	2	0	0	Dark	Right	Dry	0050	DONCASTER RD GOLDTHORPE AT J/W CO OPERATIVE ST
B-00931-12	16/10/2012	1	Slight	0	0	0	0	Light	Right	Dry	1615	DEARNE VALLEY PARKWAY GOLDTHORPE J/W DONCASTER RD
B-00968-12	27/10/2012	1	Slight	0	1	0	1	Light	Left	Dry	0915	MARKET STREET GOLDTHORPE DONCASTER ROAD
B-01033-12	10/11/2012	1	Slight	0	0	0	0	Light	No turn	Dry	1545	DONCASTER RD GOLDTHORPE AT J/W PICKHILLS AVE
C-01324-12	01/12/2012	1	Serious	0	1	0	0	Dark	No turn	Dry	1705	QUEEN STREET GOLDTHORPE, ROTHERHAM J/W WHITWORTH STRE
Column Totals		32		1	10	7	4					
No. of Accidents				1	8	4	4					

Total number of accidents listed: 22

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

Police Ref.	Acc Class	Date	Time	Grid References	Casualties			Causation Factors/ Prob	Ped			Light	Weather	Road Surface	Vehicle Types
					Ftl	Ser	Stt		L	M	D				
B-00075-08	Slight	15/01/2008	1940	446549 404532	0	0	2	405V1B 405V2B	0	0	0	Dark	Other	Dry	9 9
B-00574-08	Slight	04/05/2008	1500	446493 404454	0	0	1	310V2A 405V2A 404V2A	0	0	0	Light	Fine without high winds	Dry	1 9
B-01496-08	Slight	31/08/2008	1931	447062 404731	0	0	4	406V2A 501V2A	0	0	0	Dark	Raining without high winds	Wet/Damp	9 9
B-01478-08	Serious	19/11/2008	1815	447070 404744	0	1	0	402V1A 405V1A 406V1B 704V1B	0	0	0	Dark	Fine without high winds	Dry	4 9
B-01507-08	Slight	03/12/2008	1722	447064 404734	0	0	2	402V2A 405V2A 406V2B 603V2B	0	0	0	Dark	Fine without high winds	Wet/Damp	9 9
B-00503-10	Serious	13/05/2010	0951	446346 404403	0	1	0	802C1A 405V1A	5	1	6	Light	Fine without high winds	Dry	9
B-01252-10	Slight	24/11/2010	1620	446209 404268	0	0	2	405V1A 802C1B 802C2B 803C1B 803C2B	5	3	9	Light	Fine without high winds	Wet/Damp	9
B-01308-10	Slight	05/12/2010	0943	446847 404763	0	0	1	103V1A 101V1A 410V1A	0	0	0	Light	Other	Frost/Ice	9
B-00122-11	Slight	01/02/2011	1150	446207 404381	0	0	1	802C1A 803C1A 808C1A	5	1	0	Light	Fine without high winds	Dry	8
B-00134-11	Serious	06/02/2011	1420	446292 404397	0	1	0		1	1	5	Light	Fine with high winds	Dry	9
B-00157-11	Serious	13/02/2011	1035	446279 404458	0	1	1	999V2A	0	0	0	Light	Raining without high winds	Wet/Damp	9 3
B-00579-11	Slight	22/06/2011	1215	446159 404366	0	0	1	405V2B	0	0	0	Light	Fine without high winds	Dry	9 9
B-00617-11	Slight	05/07/2011	1811	447061 404731	0	0	1	306V1A 410V1A 602V1A	0	0	0	Light	Fine without high winds	Dry	19 9 9
B-00858-11	Slight	07/09/2011	1035	447065 404726	0	0	1	405V2B	0	0	0	Light	Raining without high winds	Wet/Damp	9 9
B-00917-11	Slight	26/09/2011	1730	446705 404516	0	0	1	405V2A 406V2A 403V2A 306V1B	0	0	0	Light	Fine without high winds	Dry	19 3
B-00076-12	Slight	27/01/2012	1150	446122 404347	0	0	1	405V1B 406V1B 407V1B 803C1B 808C1A	6	9	0	Light	Fine without high winds	Dry	11
B-00228-12	Serious	09/03/2012	1815	447069 404715	0	2	1	405V1A	0	0	0	Dark	Fine without high winds	Dry	9 9
B-00679-12	Slight	22/07/2012	0050	446399 404418	0	0	2	602V1A 403V1A	7	3	3	Dark	Fine without high winds	Dry	9
B-00931-12	Slight	16/10/2012	1615	447066 404734	0	0	1	405V1A	0	0	0	Light	Fine with high winds	Dry	5 19
B-00968-12	Slight	27/10/2012	0915	446347 404406	0	0	1	706V1A 405V1B 802C1B	5	1	7	Light	Fine without high winds	Dry	15

Accidents between dates 01/01/2008 and 31/12/2012 (60) months

Selection:

Notes:

Selected using Build Query :

Optima Highways

Police Ref.	Acc Class	Date	Time	Grid References	Casualties			Causation Factors/ Prob	Ped		Light	Weather	Road Surface	Vehicle Types	
					Ftl	Ser	Slit		L	M					D
B-01033-12	Slight	10/11/2012	1545	446887 404559	0	0	1	502V1A	0	0	0	Light	Fine without high winds	Dry	9
C-01324-12	Serious	01/12/2012	1705	446190 404446	0	1	0	602V1A 403V1A 406V1A	5	1	8	Dark	Unknown	Dry	9
Column Totals					0	7	0								

Total number of accidents listed: 22

Appendix D Architects Masterplan



Appendix E Dearne Cycle Walk Plan





Thurnscoe

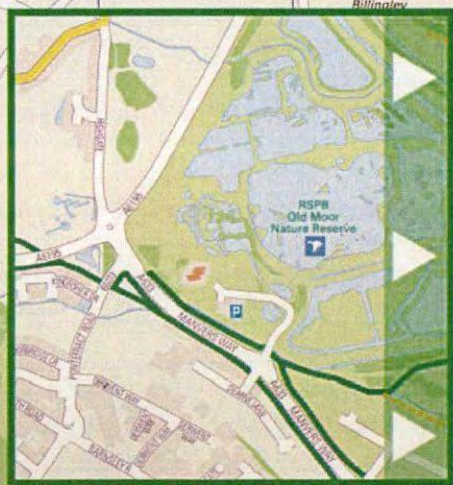
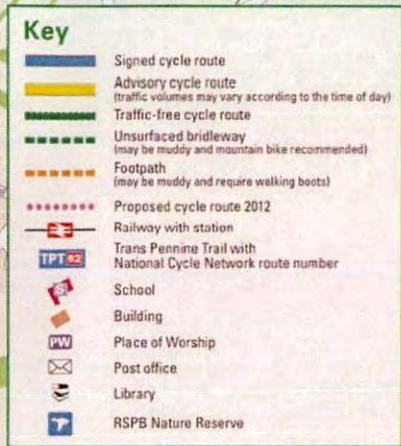
Goldthorpe

Bolton upon Dearne

Adwick upon
Dearne

Wath upon
Dearne

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Appendix F TRICS Output



TRIP RATE CALCULATION SELECTION PARAMETERS:

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

VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
03	SOUTH WEST	
	CW CORNWALL	1 days
	DC DORSET	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
	SF SUFFOLK	2 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	2 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	WM WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	3 days
08	NORTH WEST	
	CH CHESHIRE	2 days
09	NORTH	
	CB CUMBRIA	1 days
10	WALES	
	CF CARDIFF	1 days
11	SCOTLAND	
	AD ABERDEEN CITY	1 days
	FA FALKIRK	1 days
	FI FIFE	1 days
	HI HIGHLAND	1 days
	SR STIRLING	1 days

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

Filtering Stage 2 selection:

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

Parameter: Number of dwellings
Actual Range: 51 to 237 (units:)
Range Selected by User: 50 to 4334 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/07 to 29/05/13

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

Selected survey days:

Monday	6 days
Tuesday	6 days
Wednesday	3 days
Thursday	2 days
Friday	5 days

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

Selected survey types:

Manual count	22 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	13
Edge of Town	9

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

Selected Location Sub Categories:

Residential Zone	18
No Sub Category	4

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

Filtering Stage 3 selection:

Use Class:

C3	22 days
----	---------

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

Filtering Stage 3 selection (Cont.):

Population within 1 mile:

1,001 to 5,000	1 days
5,001 to 10,000	3 days
10,001 to 15,000	3 days
15,001 to 20,000	9 days
20,001 to 25,000	5 days
25,001 to 50,000	1 days

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

Population within 5 miles:

5,001 to 25,000	2 days
25,001 to 50,000	3 days
50,001 to 75,000	2 days
75,001 to 100,000	2 days
100,001 to 125,000	5 days
125,001 to 250,000	6 days
250,001 to 500,000	2 days

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

Car ownership within 5 miles:

0.6 to 1.0	6 days
1.1 to 1.5	16 days

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

Travel Plan:

No	22 days
----	---------

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

LIST OF SITES relevant to selection parameters

1	AD-03-A-01	SEMI-DETACHED	ABERDEEN CITY
	SPRINGFIELD ROAD		
	ABERDEEN		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	59	
	Survey date: FRIDAY	18/05/12	Survey Type: MANUAL
2	CB-03-A-04	SEMI DETACHED	CUMBRIA
	MOORCLOSE ROAD		
	SALTERBACK		
	WORKINGTON		
	Edge of Town		
	No Sub Category		
	Total Number of dwellings:	82	
	Survey date: FRIDAY	24/04/09	Survey Type: MANUAL
3	CF-03-A-02	MIXED HOUSES	CARDIFF
	DROPE ROAD		
	CARDIFF		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	196	
	Survey date: FRIDAY	05/10/07	Survey Type: MANUAL
4	CH-03-A-02	HOUSES/FLATS	CHESHIRE
	SYDNEY ROAD		
	CREWE		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	174	
	Survey date: TUESDAY	14/10/08	Survey Type: MANUAL
5	CH-03-A-06	SEMI-DET./BUNGALOWS	CHESHIRE
	CREWE ROAD		
	CREWE		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Number of dwellings:	129	
	Survey date: TUESDAY	14/10/08	Survey Type: MANUAL
6	CW-03-A-02	SEMI D./DETACHED	CORNWALL
	BOSVEAN GARDENS		
	TRURO		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	73	
	Survey date: TUESDAY	18/09/07	Survey Type: MANUAL
7	DC-03-A-01	DETACHED	DORSET
	ISAACS CLOSE		
	POOLE		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	51	
	Survey date: WEDNESDAY	16/07/08	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	EX-03-A-01	SEMI-DET.	ESSEX
	MILTON ROAD		
	CORRINGHAM		
	STANFORD-LE-HOPE		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	237	
	Survey date: TUESDAY	13/05/08	Survey Type: MANUAL
9	FA-03-A-02	MIXED HOUSES	FALKIRK
	ROSEBANK AVENUE & SPRINGFIELD DRIVE		
	FALKIRK		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	161	
	Survey date: WEDNESDAY	29/05/13	Survey Type: MANUAL
10	FI-03-A-03	MIXED HOUSES	FIFE
	WOODMILL ROAD		
	DUNFERMLINE		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	155	
	Survey date: MONDAY	30/04/07	Survey Type: MANUAL
11	HI-03-A-14	SEMI-DETACHED	HIGHLAND
	CALEDONIAN ROAD		
	DALNEIGH		
	INVERNESS		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	73	
	Survey date: FRIDAY	13/05/11	Survey Type: MANUAL
12	LN-03-A-01	MIXED HOUSES	LINCOLNSHIRE
	BRANT ROAD		
	BRACEBRIDGE		
	LINCOLN		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	150	
	Survey date: TUESDAY	15/05/07	Survey Type: MANUAL
13	LN-03-A-02	MIXED HOUSES	LINCOLNSHIRE
	HYKEHAM ROAD		
	LINCOLN		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	186	
	Survey date: MONDAY	14/05/07	Survey Type: MANUAL
14	NF-03-A-02	HOUSES & FLATS	NORFOLK
	DEREHAM ROAD		
	NORWICH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	98	
	Survey date: MONDAY	22/10/12	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

15	NY-03-A-01	MIXED HOUSES	NORTH YORKSHIRE
	GRAMMAR SCHOOL LANE		
	NORTHALLERTON		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	52	
	Survey date: TUESDAY	25/09/07	Survey Type: MANUAL
16	NY-03-A-05	HOUSES AND FLATS	NORTH YORKSHIRE
	BOROUGHBRIDGE ROAD		
	RIPON		
	Edge of Town		
	No Sub Category		
	Total Number of dwellings:	71	
	Survey date: MONDAY	22/09/08	Survey Type: MANUAL
17	NY-03-A-06	BUNGALOWS & SEMI DET.	NORTH YORKSHIRE
	HORSEFAIR		
	BOROUGHBRIDGE		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	115	
	Survey date: FRIDAY	14/10/11	Survey Type: MANUAL
18	SF-03-A-01	SEMI DETACHED	SUFFOLK
	A1156 FELIXSTOWE ROAD		
	RACECOURSE		
	IPSWICH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	77	
	Survey date: WEDNESDAY	23/05/07	Survey Type: MANUAL
19	SF-03-A-02	SEMI DET./TERRACED	SUFFOLK
	STOKE PARK DRIVE		
	MAIDENHALL		
	IPSWICH		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	230	
	Survey date: THURSDAY	24/05/07	Survey Type: MANUAL
20	SH-03-A-04	TERRACED	SHROPSHIRE
	ST MICHAEL'S STREET		
	SHREWSBURY		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Number of dwellings:	108	
	Survey date: THURSDAY	11/06/09	Survey Type: MANUAL
21	SR-03-A-01	DETACHED	STIRLING
	BENVIEW		
	STIRLING		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	115	
	Survey date: MONDAY	23/04/07	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

22	WM-03-A-03	MIXED HOUSING	WEST MIDLANDS
	BASELEY WAY		
	ROWLEYS GREEN		
	COVENTRY		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	84	
	Survey date: MONDAY	24/09/07	Survey Type: MANUAL

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

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

VEHICLES

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	22	122	0.080	22	122	0.286	22	122	0.366
08:00 - 09:00	22	122	0.156	22	122	0.409	22	122	0.565
09:00 - 10:00	22	122	0.161	22	122	0.209	22	122	0.370
10:00 - 11:00	22	122	0.153	22	122	0.187	22	122	0.340
11:00 - 12:00	22	122	0.173	22	122	0.171	22	122	0.344
12:00 - 13:00	22	122	0.202	22	122	0.178	22	122	0.380
13:00 - 14:00	22	122	0.186	22	122	0.184	22	122	0.370
14:00 - 15:00	22	122	0.186	22	122	0.188	22	122	0.374
15:00 - 16:00	22	122	0.283	22	122	0.199	22	122	0.482
16:00 - 17:00	22	122	0.322	22	122	0.200	22	122	0.522
17:00 - 18:00	22	122	0.380	22	122	0.240	22	122	0.620
18:00 - 19:00	22	122	0.267	22	122	0.203	22	122	0.470
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.549			2.654			5.203

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

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

Parameter summary

Trip rate parameter range selected: 51 - 237 (units:)
Survey date range: 01/01/07 - 29/05/13
Number of weekdays (Monday-Friday): 22
Number of Saturdays: 0
Number of Sundays: 0
Surveys manually removed from selection: 0

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

Appendix G Census Distribution Spreadsheet



area of workplace : 2003 CAS ward	Local Authority	Car - driver	Percentage	A635 East	B6098 South	A635 West	B6411 Lidget Lane	Barrowfield Road	Nicolas Lane	Commercial Road
00CCFA : Ardsley	Barnsley	24	1.39%			1.39%				
00CCFB : Athersley	Barnsley	6	0.35%			0.35%				
00CCFC : Bierley	Barnsley	10	0.58%			0.14%	0.14%	0.14%		
00CCFD : Central	Barnsley	57	3.29%			3.29%				
00CCFE : Cudworth	Barnsley	6	0.35%			0.35%				
00CCFF : Darfield	Barnsley	11	0.64%			0.64%				
00CCFG : Darton	Barnsley	10	0.58%			0.58%				
00CCFH : Dearne South	Barnsley	310	17.90%		8.95%					8.95%
00CCFJ : Dearne Thurnscoe	Barnsley	63	3.64%				1.24%	1.20%	1.20%	
00CCFK : Dodworth	Barnsley	22	1.27%			1.27%				
00CCFL : Hoyland East	Barnsley	11	0.64%			0.64%				
00CCFM : Hoyland West	Barnsley	9	0.52%			0.52%				
00CCFN : Monk Bretton	Barnsley	18	1.04%			1.04%				
00CCFP : North West	Barnsley	4	0.23%			0.23%				
00CCFQ : Park	Barnsley	6	0.35%			0.35%				
00CCFR : Penistone East	Barnsley	8	0.46%			0.46%				
00CCFS : Penistone West	Barnsley	3	0.17%			0.17%				
00CCFT : Royston	Barnsley	17	0.98%			0.98%				
00CCFU : South West	Barnsley	14	0.81%			0.81%				
00CCFW : Wombwell North	Barnsley	48	2.77%			2.77%				
00CCFX : Wombwell South	Barnsley	21	1.21%			1.21%				
00CEFA : Adwick	Doncaster	9	0.52%	0.52%						
00CEFC : Askern	Doncaster	3	0.17%	0.17%						
00CEFD : Balby	Doncaster	13	0.75%	0.75%						
00CEFE : Bentley Central	Doncaster	3	0.17%	0.17%						
00CEFF : Bentley North Road	Doncaster	7	0.40%	0.40%						
00CEFG : Bessacarr	Doncaster	3	0.17%	0.17%						
00CEFH : Central	Doncaster	44	2.54%	2.54%						
00CEFJ : Conisbrough	Doncaster	11	0.64%	0.32%	0.32%					
00CEFK : Edlington and Warncliffe	Doncaster	6	0.35%	0.17%	0.17%					
00CEFL : Hatfield	Doncaster	6	0.35%	0.35%						
00CEFM : Intake	Doncaster	11	0.64%	0.64%						
00CEFN : Mexborough	Doncaster	53	3.06%		3.06%					
00CEFP : Richmond	Doncaster	30	1.73%	0.87%	0.87%					
00CEFQ : Rossington	Doncaster	11	0.64%	0.64%						
00CEFR : South East	Doncaster	5	0.29%	0.29%						
00CEFS : Southern Parks	Doncaster	3	0.17%	0.17%						
00CEFT : Stainforth	Doncaster	15	0.87%	0.87%						
00CEFU : Thorne	Doncaster	7	0.40%	0.40%						
00CEFW : Town Field	Doncaster	20	1.15%	1.15%						
00CEFX : Wheatley	Doncaster	41	2.37%	2.37%						
00CFFA : Anston and Woodsetts	Rotherham	4	0.23%	0.23%						
00CFFB : Aston, Orgreave and Ulley	Rotherham	3	0.17%	0.17%						
00CFFC : Boston	Rotherham	30	1.73%		1.73%					
00CFFD : Bramley, Ravenfield and Wickersley	Rotherham	15	0.87%	0.87%						
00CFFE : Brampton, Melton and Wentworth	Rotherham	23	1.33%			1.33%				
00CFFF : Brinsworth, Catcliffe and Treeton	Rotherham	4	0.23%			0.23%				
00CFFH : Central	Rotherham	47	2.71%		1.36%	1.36%				
00CFFJ : Dalton, Hooton Roberts and Thrybergh	Rotherham	5	0.29%	0.29%	0.32%	0.32%				
00CFFK : Greasbrough	Rotherham	11	0.64%	0.32%	0.32%					
00CFFL : Herringthorpe	Rotherham	16	0.92%		0.92%					
00CFFN : Kiveton Park	Rotherham	3	0.17%	0.17%						
00CFFP : Maltby	Rotherham	19	1.10%	1.10%						
00CFFQ : Park	Rotherham	3	0.17%		0.09%	0.09%				
00CFFR : Rawmarsh East	Rotherham	11	0.64%	0.64%						
00CFFS : Rawmarsh West	Rotherham	21	1.21%	1.21%						
00CFFT : St. John's	Rotherham	3	0.17%	0.09%	0.09%					
00CFFU : Swinton	Rotherham	38	2.19%	2.19%						
00CFFY : Wath	Rotherham	128	7.39%	7.39%						
00CGFA : Beauchief	Sheffield	3	0.17%	0.09%		0.09%				
00CGFB : Birley	Sheffield	3	0.17%	0.09%		0.09%				
00CGFC : Brightside	Sheffield	5	0.29%			0.29%				
00CGFE : Burngreave	Sheffield	21	1.21%			1.21%				
00CGFF : Castle	Sheffield	8	0.46%	0.23%		0.23%				
00CGFG : Chapel Green	Sheffield	3	0.17%			0.17%				
00CGFH : Darnall	Sheffield	38	2.19%			2.19%				
00CGFJ : Dore	Sheffield	3	0.17%	0.09%		0.09%				
00CGFL : Firth Park	Sheffield	5	0.29%			0.29%				
00CGFQ : Hillsborough	Sheffield	3	0.17%			0.17%				
00CGFR : Intake	Sheffield	3	0.17%	0.09%		0.09%				
00CGFS : Manor	Sheffield	3	0.17%	0.09%		0.09%				
00CGFT : Mosborough	Sheffield	5	0.29%	0.29%						
00CGFX : Netherthorpe	Sheffield	15	0.87%	0.87%						
00CGFZ : Owlerton	Sheffield	3	0.17%			0.17%				
00CGGA : Park	Sheffield	3	0.17%	0.09%		0.09%				
00CGGB : Sharrow	Sheffield	5	0.29%	0.14%		0.14%				
00CGGD : South Wortley	Sheffield	5	0.29%			0.29%				
00CGGE : Stocksbridge	Sheffield	3	0.17%			0.17%				
00CGGF : Walkley	Sheffield	3	0.17%	0.09%		0.09%				
00CXFE : Bowling	Bradford	3	0.17%	0.09%		0.09%				
00CXGD : University	Bradford	3	0.17%	0.09%		0.09%				
00CXGG : Wyke	Bradford	4	0.23%	0.12%		0.12%				
00CYFD : Greetland and Stainland	Calderdale	3	0.17%	0.09%		0.09%				
00CYFE : Hipperholme and Lightcliffe	Calderdale	3	0.17%	0.09%		0.09%				
00CZFB : Batley East	Kirklees	3	0.17%	0.09%		0.09%				
00CZFK : Deighton	Kirklees	3	0.17%	0.09%		0.09%				
00CZFM : Dewsbury East	Kirklees	3	0.17%	0.09%		0.09%				
00CZFT : Kirkburton	Kirklees	3	0.17%			0.17%				
00CZFY : Paddock	Kirklees	3	0.17%	0.09%		0.09%				
00DAFH : City and Holbeck	Leeds	12	0.69%	0.35%		0.35%				
00DAFQ : Hunslet	Leeds	5	0.29%	0.14%		0.14%				
00DAFR : Kirkstall	Leeds	3	0.17%	0.09%		0.09%				
00DAFU : Morley North	Leeds	3	0.17%	0.09%		0.09%				
00DAFW : Morley South	Leeds	7	0.40%	0.20%		0.20%				
00DAFY : Otley and Wharfedale	Leeds	3	0.17%	0.17%						
00DAGB : Richmond Hill	Leeds	5	0.29%	0.14%		0.14%				
00DAGF : University	Leeds	6	0.35%	0.17%		0.17%				
00DAGH : Wetherby	Leeds	6	0.35%	0.35%						
00DAGK : Wortley	Leeds	3	0.17%	0.09%		0.09%				
00DBFB : Castleford Glasshoughton	Wakefield	4	0.23%	0.23%						
00DBFC : Castleford Whitwood	Wakefield	6	0.35%	0.35%						
00DBFE : Featherstone	Wakefield	5	0.29%	0.07%			0.07%	0.07%	0.07%	
00DBFG : Horbury	Wakefield	8	0.46%			0.46%				
00DBFJ : Normanton and Sharlston	Wakefield	3	0.17%	0.17%						
00DBFK : Ossett	Wakefield	4	0.23%			0.23%				
00DBFL : Pontefract North	Wakefield	5	0.29%	0.29%						
00DBFN : South Elmsall	Wakefield	17	0.98%	0.98%						

area of workplace : 2003 CAS ward	Local Authority	Car - driver	Percentage	A635 East	B6098 South	A635 West	B6411 Lidget Lane	Barrowfield Road	Nicolas Lane	Commercial Road
00DBFP : South Kirkby	Wakefield	15	0.87%	0.22%			0.22%	0.22%	0.22%	
00DBFR : Stanley and Wrenthorpe	Wakefield	7	0.40%	0.20%		0.20%				
00DBFS : Wakefield Central	Wakefield	7	0.40%			0.10%	0.10%	0.10%	0.10%	
00DBFT : Wakefield East	Wakefield	3	0.17%			0.04%	0.04%	0.04%	0.04%	
00DBFU : Wakefield North	Wakefield	3	0.17%	0.09%		0.09%				
00DBFW : Wakefield Rural	Wakefield	3	0.17%			0.04%	0.04%	0.04%	0.04%	
00FDMT : Axholme North	North Lincolnshire	3	0.17%	0.17%						
00FDNB : Burringham and Gunness	North Lincolnshire	3	0.17%	0.17%						
00FDND : Crosby and Park	North Lincolnshire	3	0.17%	0.17%						
00FFNW : Hull Road	York	3	0.17%	0.17%						
00FFNY : Micklegate	York	3	0.17%	0.17%						
00FFPD : Westfield	York	3	0.17%	0.17%						
17UBGM : Heage and Ambergate	Amber Valley (derbyshire)	3	0.17%	0.17%						
17UBGY : Somercotes	Amber Valley (derbyshire)	3	0.17%	0.17%						
36UHGS : Cawood with Wistow	Selby	9	0.52%	0.52%						
36UHGT : Eggborough	Selby	3	0.17%	0.17%						
36UHGW : Hambleton	Selby	3	0.17%	0.17%						
36UHHA : Riccall with Escrick	Selby	7	0.40%	0.40%						
37UCGF : Blyth	Bassetlaw	3	0.17%	0.17%						
37UCGQ : Harworth	Bassetlaw	3	0.17%	0.17%						
37UCHF : Worksop South East	Bassetlaw	3	0.17%	0.17%						
TOTALS		1,732	100.00%	26.01%	29.59%	20.95%	1.86%	1.82%	1.82%	8.95%

Removed Sites with 3 to a local authority

Appendix H Junction Modelling Outputs



ARCADY 8

Version: 8.0.0.296 [27 Feb 2012]
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Filename: Kingsmark Way_Doncaster Road_Nora Street.arc8
Path: O:\Former Goldthorpe Colliery\ANALYSIS\CAPACITY\Priority Junctions
Report generation date: 28/11/2013 15:23:06

Summary of junction performance

	AM			
	Queue (PCU)	Delay (s)	RFC	LOS
A1 - 2013 AM Count				
Stream B-ACD	0.17	7.40	0.15	A
Stream A-BCD	0.00	0.00	0.00	A
Stream A-B	-	-	-	-
Stream A-C	-	-	-	-
Stream D-ABC	0.01	6.37	0.01	A
Stream C-ABD	0.04	5.09	0.03	A
Stream C-D	-	-	-	-
Stream C-A	-	-	-	-

Values shown are the maximum values over all time segments. Delay is the maximum value of average delay per arriving vehicle.

"D1 - 2013 AM Count, AM" model duration: 07:30 - 09:00
"D2 - 2013 PM Count, PM" model duration: 16:30 - 18:00
"D3 - 2018 AM Base, AM" model duration: 07:30 - 09:00
"D4 - 2018 PM Base, PM" model duration: 16:30 - 18:00
"D5 - 2018 AM Design, AM" model duration: 07:30 - 09:00
"D6 - 2018 PM Design, PM" model duration: 16:30 - 18:00

Run using ARCADY 8.0.0.296 at 28/11/2013 15:23:03

File summary

File Description

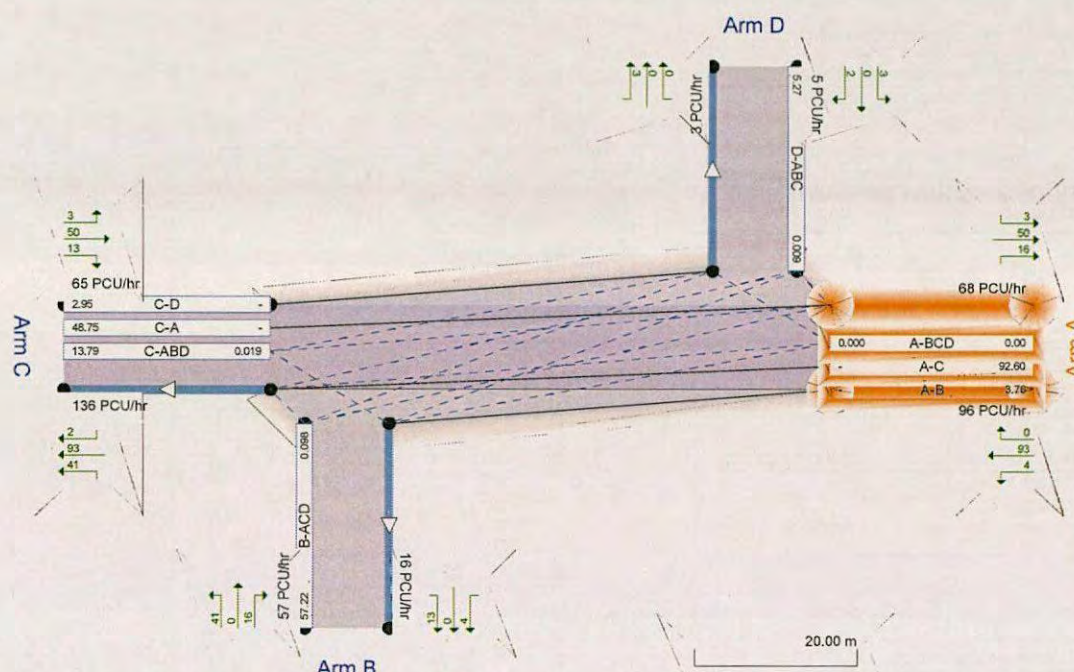
Title	Doncaster Road/Kingsmark Way/Nora Street
Location	Goldthorpe, South Yorkshire
Site Number	
Date	28/11/2013
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	13058
Enumerator	OPTIMA\richard.murphy
Description	

Analysis Options

Vehicle Length (m)	Do Queue Variations	Calculate Residual Capacity	Residual Capacity Criteria Type	RFC Threshold	Average Delay Threshold (s)	Queue Threshold (PCU)
5.75			N/A	0.85	36.00	20.00

Units

Distance Units	Speed Units	Traffic Units Input	Traffic Units Results	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
m	kph	PCU	PCU	perHour	s	-Min	perMin



Text overlays show modelled flow through the junction (entry and exit flows, PCU/hr).
Streams (upstreams) show Total Demand (PCU/hr); Streams (downstreams) show RFC ()

Time Segment: (07:30-07:45)

Showing Analysis Set "A1 "; Demand Set "D1 - 2013 AM Count, AM "

The junction diagram reflects the last run of ARCADY.

(Default Analysis Set) - 2013 AM Count, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	DemandSets	D1 - 2013 AM Count, AM	Demand Set 1: Scenario Name includes Time Period Name ('AM'). Are you sure this is correct?
Warning	DemandSets	D2 - 2013 PM Count, PM	Demand Set 2: Scenario Name includes Time Period Name ('PM'). Are you sure this is correct?
Warning	DemandSets	D3 - 2018 AM Base, AM	Demand Set 3: Scenario Name includes Time Period Name ('AM'). Are you sure this is correct?
Warning	DemandSets	D4 - 2018 PM Base, PM	Demand Set 4: Scenario Name includes Time Period Name ('PM'). Are you sure this is correct?
Warning	DemandSets	D5 - 2018 AM Design, AM	Demand Set 5: Scenario Name includes Time Period Name ('AM'). Are you sure this is correct?
Warning	DemandSets	D6 - 2018 PM Design, PM	Demand Set 6: Scenario Name includes Time Period Name ('PM'). Are you sure this is correct?

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
(Default Analysis Set)			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
2013 AM Count, AM	2013 AM Count	AM		ONE HOUR	07:30	09:00	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
(untitled)	OS-NS Stagger (UK RL Stagger)	Two-way	A,B,C,D	6.91	A

Junction Network Options

Driving Side	Lighting	Road Surface
Left	Normal/unknown	(Mini-roundabouts only)

Arms

Arms

Arm	Name	Description	Arm Type
A	Doncaster Road (East)		Major
B	Kingsmark Way		Minor
C	Doncaster Road (West)		Major
D	Nora Street		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
A	8.80	✓	0.00		2.20	250.00	✓	0.00
C	6.95		0.00		2.20	250.00	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)
B	One lane	3.50										9	9
D	One lane	3.85										10	9

Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None
D	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-B	Slope for D-C
1	A-D	718.741	-	-	-	0.245	0.245	0.245	-	0.245	-	-
1	B-AD	509.333	0.089	0.225	-	-	-	0.141	0.321	0.141	0.089	0.225
1	B-C	661.119	0.097	0.246	-	-	-	-	-	-	0.097	0.246
1	C-B	718.741	0.267	0.267	-	-	-	-	-	-	0.267	0.267
1	D-A	683.181	-	-	-	0.232	0.092	0.232	-	0.092	-	-
1	D-BC	526.675	0.134	0.134	0.304	0.213	0.084	0.213	-	0.084	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	128.00	100.000
B	ONE HOUR	✓	76.00	100.000
C	ONE HOUR	✓	87.00	100.000
D	ONE HOUR	✓	7.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

		To			
From		A	B	C	D
	A	0.000	5.000	123.000	0.000
	B	21.000	0.000	55.000	0.000
	C	66.000	17.000	0.000	4.000
	D	4.000	0.000	3.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

		To			
From		A	B	C	D
	A	0.00	0.04	0.96	0.00
	B	0.28	0.00	0.72	0.00
	C	0.76	0.20	0.00	0.05
	D	0.57	0.00	0.43	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

		To			
From		A	B	C	D
	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

		To			
From		A	B	C	D
	A	0.000	0.000	0.000	0.000
	B	0.000	0.000	0.000	0.000
	C	0.000	0.000	0.000	0.000
	D	0.000	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-ACD	0.15	7.40	0.17	A
A-BCD	0.00	0.00	0.00	A

A-B	-	-	-	-
A-C	-	-	-	-
D-ABC	0.01	6.37	0.01	A
C-ABD	0.03	5.09	0.04	A
C-D	-	-	-	-
C-A	-	-	-	-

Main Results for each time segment

Main results: (07:30-07:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	57.22	56.79	0.00	582.88	0.098	0.11	6.836	A
A-BCD	0.00	0.00	0.00	701.99	0.000	0.00	0.000	A
A-B	3.76	3.76	0.00	-	-	-	-	-
A-C	92.60	92.60	0.00	-	-	-	-	-
D-ABC	5.27	5.23	0.00	583.52	0.009	0.01	6.224	A
C-ABD	13.79	13.70	0.00	724.81	0.019	0.02	5.062	A
C-D	2.95	2.95	0.00	-	-	-	-	-
C-A	48.75	48.75	0.00	-	-	-	-	-

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	68.32	68.22	0.00	577.41	0.118	0.13	7.067	A
A-BCD	0.00	0.00	0.00	698.70	0.000	0.00	0.000	A
A-B	4.49	4.49	0.00	-	-	-	-	-
A-C	110.57	110.57	0.00	-	-	-	-	-
D-ABC	6.29	6.29	0.00	579.10	0.011	0.01	6.284	A
C-ABD	16.72	16.70	0.00	726.16	0.023	0.03	5.073	A
C-D	3.51	3.51	0.00	-	-	-	-	-
C-A	57.98	57.98	0.00	-	-	-	-	-

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	83.68	83.53	0.00	569.85	0.147	0.17	7.400	A
A-BCD	0.00	0.00	0.00	694.20	0.000	0.00	0.000	A
A-B	5.51	5.51	0.00	-	-	-	-	-
A-C	135.43	135.43	0.00	-	-	-	-	-
D-ABC	7.71	7.70	0.00	573.00	0.013	0.01	6.367	A
C-ABD	20.90	20.87	0.00	728.10	0.029	0.04	5.090	A
C-D	4.28	4.28	0.00	-	-	-	-	-
C-A	70.61	70.61	0.00	-	-	-	-	-

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	83.68	83.67	0.00	569.84	0.147	0.17	7.403	A
A-BCD	0.00	0.00	0.00	694.19	0.000	0.00	0.000	A
A-B	5.51	5.51	0.00	-	-	-	-	-
A-C	135.43	135.43	0.00	-	-	-	-	-
D-ABC	7.71	7.71	0.00	572.99	0.013	0.01	6.367	A
C-ABD	20.91	20.91	0.00	728.10	0.029	0.04	5.090	A
C-D	4.28	4.28	0.00	-	-	-	-	-
C-A	70.60	70.60	0.00	-	-	-	-	-

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	68.32	68.47	0.00	577.40	0.118	0.14	7.074	A
A-BCD	0.00	0.00	0.00	698.68	0.000	0.00	0.000	A
A-B	4.49	4.49	0.00	-	-	-	-	-
A-C	110.57	110.57	0.00	-	-	-	-	-
D-ABC	6.29	6.30	0.00	579.08	0.011	0.01	6.284	A
C-ABD	16.72	16.75	0.00	726.16	0.023	0.03	5.076	A
C-D	3.51	3.51	0.00	-	-	-	-	-
C-A	57.97	57.97	0.00	-	-	-	-	-

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	57.22	57.32	0.00	582.86	0.098	0.11	6.850	A
A-BCD	0.00	0.00	0.00	701.95	0.000	0.00	0.000	A
A-B	3.76	3.76	0.00	-	-	-	-	-
A-C	92.60	92.60	0.00	-	-	-	-	-
D-ABC	5.27	5.28	0.00	583.49	0.009	0.01	6.227	A
C-ABD	13.80	13.82	0.00	724.81	0.019	0.02	5.063	A
C-D	2.95	2.95	0.00	-	-	-	-	-
C-A	48.75	48.75	0.00	-	-	-	-	-

ARCADY 8

Version: 8.0.0.296 [27 Feb 2012]
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Filename: Kingsmark Way_Doncaster Road_Nora Street.arc8
Path: O:\Former Goldthorpe Colliery\ANALYSIS\CAPACITY\Priority Junctions
Report generation date: 28/11/2013 15:23:57

Summary of junction performance

	PM			
	Queue (PCU)	Delay (s)	RFC	LOS
A1 - 2013 PM Count				
Stream B-ACD	0.10	7.16	0.10	A
Stream A-BCD	0.01	4.76	0.01	A
Stream A-B	-	-	-	-
Stream A-C	-	-	-	-
Stream D-ABC	0.03	7.63	0.03	A
Stream C-ABD	0.10	5.13	0.07	A
Stream C-D	-	-	-	-
Stream C-A	-	-	-	-

Values shown are the maximum values over all time segments. Delay is the maximum value of average delay per arriving vehicle.

"D1 - 2013 AM Count, AM" model duration: 07:30 - 09:00
"D2 - 2013 PM Count, PM" model duration: 16:30 - 18:00
"D3 - 2018 AM Base, AM" model duration: 07:30 - 09:00
"D4 - 2018 PM Base, PM" model duration: 16:30 - 18:00
"D5 - 2018 AM Design, AM" model duration: 07:30 - 09:00
"D6 - 2018 PM Design, PM" model duration: 16:30 - 18:00

Run using ARCADY 8.0.0.296 at 28/11/2013 15:23:54

File summary

File Description

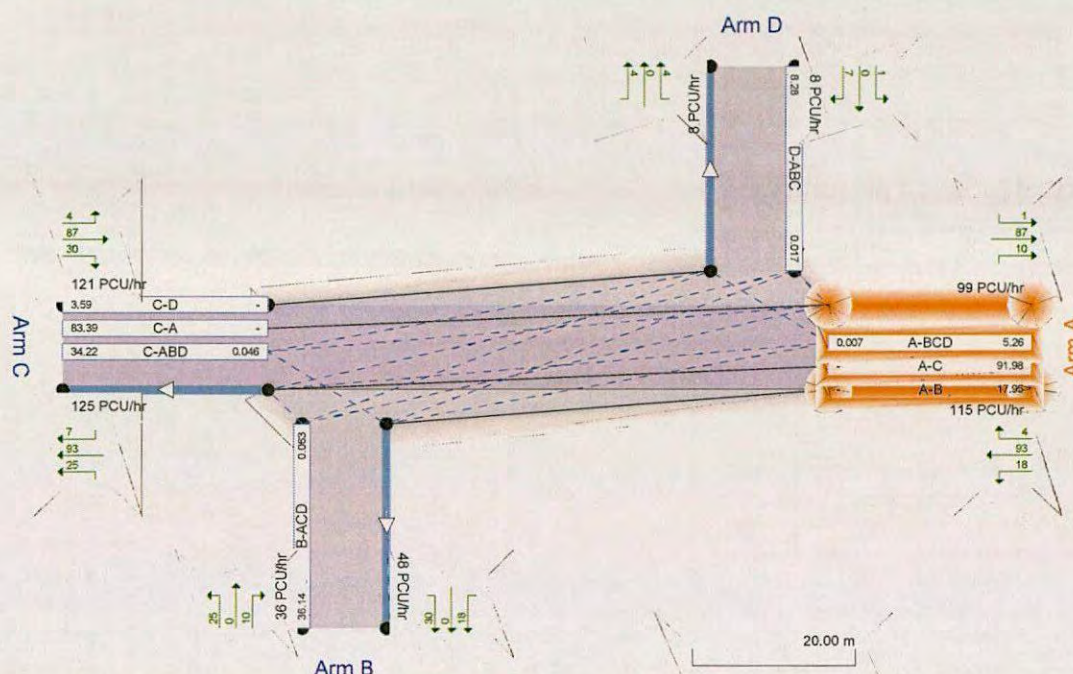
Title	Doncaster Road/Kingsmark Way/Nora Street
Location	Goldthorpe, South Yorkshire
Site Number	
Date	28/11/2013
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	13058
Enumerator	OPTIMA\richard.murphy
Description	

Analysis Options

Vehicle Length (m)	Do Queue Variations	Calculate Residual Capacity	Residual Capacity Criteria Type	RFC Threshold	Average Delay Threshold (s)	Queue Threshold (PCU)
5.75			N/A	0.85	36.00	20.00

Units

Distance Units	Speed Units	Traffic Units Input	Traffic Units Results	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
m	kph	PCU	PCU	perHour	s	-Min	perMin



Text overlays show modelled flow through the junction (entry and exit flows, PCU/hr).
Streams (upstreams) show Total Demand (PCU/hr); Streams (downstreams) show RFC ()

Time Segment: (16:30-16:45)

Showing Analysis Set "A1 "; Demand Set "D2 - 2013 PM Count, PM "

The junction diagram reflects the last run of ARCADY.

(Default Analysis Set) - 2013 PM Count, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	DemandSets	D1 - 2013 AM Count, AM	Demand Set 1: Scenario Name includes Time Period Name ('AM'). Are you sure this is correct?
Warning	DemandSets	D2 - 2013 PM Count, PM	Demand Set 2: Scenario Name includes Time Period Name ('PM'). Are you sure this is correct?
Warning	DemandSets	D3 - 2018 AM Base, AM	Demand Set 3: Scenario Name includes Time Period Name ('AM'). Are you sure this is correct?
Warning	DemandSets	D4 - 2018 PM Base, PM	Demand Set 4: Scenario Name includes Time Period Name ('PM'). Are you sure this is correct?
Warning	DemandSets	D5 - 2018 AM Design, AM	Demand Set 5: Scenario Name includes Time Period Name ('AM'). Are you sure this is correct?
Warning	DemandSets	D6 - 2018 PM Design, PM	Demand Set 6: Scenario Name includes Time Period Name ('PM'). Are you sure this is correct?

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
(Default Analysis Set)			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
2013 PM Count, PM	2013 PM Count	PM		ONE HOUR	16:30	18:00	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
(untitled)	OS-NS Stagger (UK RL Stagger)	Two-way	A,B,C,D	6.21	A

Junction Network Options

Driving Side	Lighting	Road Surface
Left	Normal/unknown	(Mini-roundabouts only)

Arms

Arms

Arm	Name	Description	Arm Type
A	Doncaster Road (East)		Major
B	Kingsmark Way		Minor
C	Doncaster Road (West)		Major
D	Nora Street		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
A	8.80	✓	0.00		2.20	250.00	✓	0.00
C	6.95		0.00		2.20	250.00	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)
B	One lane	3.50										9	9
D	One lane	3.85										10	9

Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None
D	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-B	Slope for D-C
1	A-D	718.741	-	-	-	0.245	0.245	0.245	-	0.245	-	-
1	B-AD	509.333	0.089	0.225	-	-	-	0.141	0.321	0.141	0.089	0.225
1	B-C	661.119	0.097	0.246	-	-	-	-	-	-	0.097	0.246
1	C-B	718.741	0.267	0.267	-	-	-	-	-	-	0.267	0.267
1	D-A	683.181	-	-	-	0.232	0.092	0.232	-	0.092	-	-
1	D-BC	526.675	0.134	0.134	0.304	0.213	0.084	0.213	-	0.084	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	153.00	100.000
B	ONE HOUR	✓	48.00	100.000
C	ONE HOUR	✓	161.00	100.000
D	ONE HOUR	✓	11.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

		To			
		A	B	C	D
From	A	0.000	24.000	123.000	6.000
	B	14.000	0.000	34.000	0.000
	C	116.000	40.000	0.000	5.000
	D	1.000	0.000	10.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

		To			
		A	B	C	D
From	A	0.00	0.16	0.80	0.04
	B	0.29	0.00	0.71	0.00
	C	0.72	0.25	0.00	0.03
	D	0.09	0.00	0.91	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

		To			
		A	B	C	D
From	A	0.000	0.000	0.000	0.000
	B	0.000	0.000	0.000	0.000
	C	0.000	0.000	0.000	0.000
	D	0.000	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-ACD	0.10	7.16	0.10	A
A-BCD	0.01	4.76	0.01	A

A-B	-	-	-	-
A-C	-	-	-	-
D-ABC	0.03	7.63	0.03	A
C-ABD	0.07	5.13	0.10	A
C-D	-	-	-	-
C-A	-	-	-	-

Main Results for each time segment

Main results: (16:30-16:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	36.14	35.87	0.00	572.64	0.063	0.07	6.704	A
A-BCD	5.26	5.23	0.00	761.65	0.007	0.01	4.759	A
A-B	17.95	17.95	0.00	-	-	-	-	-
A-C	91.98	91.98	0.00	-	-	-	-	-
D-ABC	8.28	8.21	0.00	501.10	0.017	0.02	7.303	A
C-ABD	34.22	33.99	0.00	743.37	0.046	0.06	5.074	A
C-D	3.59	3.59	0.00	-	-	-	-	-
C-A	83.39	83.39	0.00	-	-	-	-	-

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	43.15	43.09	0.00	565.58	0.076	0.08	6.889	A
A-BCD	6.48	6.47	0.00	770.19	0.008	0.01	4.713	A
A-B	21.40	21.40	0.00	-	-	-	-	-
A-C	109.67	109.67	0.00	-	-	-	-	-
D-ABC	9.89	9.87	0.00	493.92	0.020	0.02	7.436	A
C-ABD	41.94	41.88	0.00	748.45	0.056	0.07	5.094	A
C-D	4.25	4.25	0.00	-	-	-	-	-
C-A	98.55	98.55	0.00	-	-	-	-	-

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	52.85	52.76	0.00	555.82	0.095	0.10	7.156	A
A-BCD	8.26	8.25	0.00	782.12	0.011	0.01	4.651	A
A-B	26.15	26.15	0.00	-	-	-	-	-
A-C	134.04	134.04	0.00	-	-	-	-	-
D-ABC	12.11	12.09	0.00	484.02	0.025	0.03	7.627	A
C-ABD	53.19	53.10	0.00	755.62	0.070	0.10	5.124	A
C-D	5.13	5.13	0.00	-	-	-	-	-
C-A	118.95	118.95	0.00	-	-	-	-	-

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	52.85	52.85	0.00	555.80	0.095	0.10	7.156	A
A-BCD	8.26	8.26	0.00	782.11	0.011	0.01	4.653	A
A-B	26.15	26.15	0.00	-	-	-	-	-
A-C	134.04	134.04	0.00	-	-	-	-	-
D-ABC	12.11	12.11	0.00	484.01	0.025	0.03	7.627	A
C-ABD	53.20	53.20	0.00	755.63	0.070	0.10	5.127	A
C-D	5.13	5.13	0.00	-	-	-	-	-
C-A	118.93	118.93	0.00	-	-	-	-	-

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	43.15	43.24	0.00	565.56	0.076	0.08	6.892	A
A-BCD	6.48	6.49	0.00	770.18	0.008	0.01	4.713	A
A-B	21.40	21.40	0.00	-	-	-	-	-
A-C	109.67	109.67	0.00	-	-	-	-	-
D-ABC	9.89	9.91	0.00	493.90	0.020	0.02	7.440	A
C-ABD	41.96	42.05	0.00	748.46	0.056	0.07	5.099	A
C-D	4.25	4.25	0.00	-	-	-	-	-
C-A	98.53	98.53	0.00	-	-	-	-	-

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	36.14	36.20	0.00	572.59	0.063	0.07	6.711	A
A-BCD	5.27	5.28	0.00	761.62	0.007	0.01	4.759	A
A-B	17.95	17.95	0.00	-	-	-	-	-
A-C	91.97	91.97	0.00	-	-	-	-	-
D-ABC	8.28	8.30	0.00	501.06	0.017	0.02	7.304	A
C-ABD	34.26	34.32	0.00	743.37	0.046	0.06	5.079	A
C-D	3.59	3.59	0.00	-	-	-	-	-
C-A	83.36	83.36	0.00	-	-	-	-	-

ARCADY 8

Version: 8.0.0.296 [27 Feb 2012]
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Filename: Kingsmark Way_Doncaster Road_Nora Street.arc8
Path: O:\Former Goldthorpe Colliery\ANALYSIS\CAPACITY\Priority Junctions
Report generation date: 28/11/2013 15:24:27

Summary of junction performance

	AM			
	Queue (PCU)	Delay (s)	RFC	LOS
A1 - 2018 AM Base				
Stream B-ACD	0.43	9.17	0.30	A
Stream A-BCD	0.00	0.00	0.00	A
Stream A-B	-	-	-	-
Stream A-C	-	-	-	-
Stream D-ABC	0.01	6.47	0.01	A
Stream C-ABD	0.08	5.29	0.06	A
Stream C-D	-	-	-	-
Stream C-A	-	-	-	-

Values shown are the maximum values over all time segments. Delay is the maximum value of average delay per arriving vehicle.

"D1 - 2013 AM Count, AM" model duration: 07:30 - 09:00
"D2 - 2013 PM Count, PM" model duration: 16:30 - 18:00
"D3 - 2018 AM Base, AM" model duration: 07:30 - 09:00
"D4 - 2018 PM Base, PM" model duration: 16:30 - 18:00
"D5 - 2018 AM Design, AM" model duration: 07:30 - 09:00
"D6 - 2018 PM Design, PM" model duration: 16:30 - 18:00

Run using ARCADY 8.0.0.296 at 28/11/2013 15:24:24

File summary

File Description

Title	Doncaster Road/Kingsmark Way/Nora Street
Location	Goldthorpe, South Yorkshire
Site Number	
Date	28/11/2013
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	13058
Enumerator	OPTIMA\richard.murphy
Description	

Analysis Options

Vehicle Length (m)	Do Queue Variations	Calculate Residual Capacity	Residual Capacity Criteria Type	RFC Threshold	Average Delay Threshold (s)	Queue Threshold (PCU)
5.75			N/A	0.85	36.00	20.00

Units

Distance Units	Speed Units	Traffic Units Input	Traffic Units Results	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
m	kph	PCU	PCU	perHour	s	-Min	perMin

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
(untitled)	OS-NS Stagger (UK RL Stagger)	Two-way	A,B,C,D	8.28	A

Junction Network Options

Driving Side	Lighting	Road Surface
Left	Normal/unknown	(Mini-roundabouts only)

Arms

Arms

Arm	Name	Description	Arm Type
A	Doncaster Road (East)		Major
B	Kingsmark Way		Minor
C	Doncaster Road (West)		Major
D	Nora Street		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
A	8.80	✓	0.00		2.20	250.00	✓	0.00
C	6.95		0.00		2.20	250.00	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)
B	One lane	3.50										9	9
D	One lane	3.85										10	9

Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None
D	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-B	Slope for D-C
1	A-D	718.741	-	-	-	0.245	0.245	0.245	-	0.245	-	-
1	B-AD	509.333	0.089	0.225	-	-	-	0.141	0.321	0.141	0.089	0.225
1	B-C	661.119	0.097	0.246	-	-	-	-	-	-	0.097	0.246
1	C-B	718.741	0.267	0.267	-	-	-	-	-	-	0.267	0.267
1	D-A	683.181	-	-	-	0.232	0.092	0.232	-	0.092	-	-
1	D-BC	526.675	0.134	0.134	0.304	0.213	0.084	0.213	-	0.084	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	145.00	100.000
B	ONE HOUR	✓	153.00	100.000
C	ONE HOUR	✓	112.00	100.000
D	ONE HOUR	✓	7.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To				
	A	B	C	D	
From	A	0.000	13.000	132.000	0.000
	B	44.000	0.000	109.000	0.000
	C	71.000	37.000	0.000	4.000
	D	4.000	0.000	3.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

	To				
	A	B	C	D	
From	A	0.00	0.09	0.91	0.00
	B	0.29	0.00	0.71	0.00
	C	0.63	0.33	0.00	0.04
	D	0.57	0.00	0.43	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To				
	A	B	C	D	
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To				
	A	B	C	D	
From	A	0.000	0.000	0.000	0.000
	B	0.000	0.000	0.000	0.000
	C	0.000	0.000	0.000	0.000
	D	0.000	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-ACD	0.30	9.17	0.43	A
A-BCD	0.00	0.00	0.00	A

A-B	-	-	-	-
A-C	-	-	-	-
D-ABC	0.01	6.47	0.01	A
C-ABD	0.06	5.29	0.08	A
C-D	-	-	-	-
C-A	-	-	-	-

Main Results for each time segment

Main results: (07:30-07:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	115.19	114.20	0.00	576.32	0.200	0.25	7.774	A
A-BCD	0.00	0.00	0.00	696.83	0.000	0.00	0.000	A
A-B	9.79	9.79	0.00	-	-	-	-	-
A-C	99.38	99.38	0.00	-	-	-	-	-
D-ABC	5.27	5.23	0.00	577.75	0.009	0.01	6.287	A
C-ABD	30.18	29.99	0.00	723.81	0.042	0.05	5.187	A
C-D	2.89	2.89	0.00	-	-	-	-	-
C-A	51.25	51.25	0.00	-	-	-	-	-

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	137.54	137.27	0.00	569.90	0.241	0.31	8.316	A
A-BCD	0.00	0.00	0.00	692.51	0.000	0.00	0.000	A
A-B	11.69	11.69	0.00	-	-	-	-	-
A-C	118.67	118.67	0.00	-	-	-	-	-
D-ABC	6.29	6.29	0.00	572.16	0.011	0.01	6.361	A
C-ABD	36.64	36.59	0.00	725.00	0.051	0.06	5.229	A
C-D	3.42	3.42	0.00	-	-	-	-	-
C-A	60.63	60.63	0.00	-	-	-	-	-

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	168.46	168.02	0.00	561.02	0.300	0.42	9.150	A
A-BCD	0.00	0.00	0.00	686.61	0.000	0.00	0.000	A
A-B	14.31	14.31	0.00	-	-	-	-	-
A-C	145.33	145.33	0.00	-	-	-	-	-
D-ABC	7.71	7.70	0.00	564.47	0.014	0.01	6.465	A
C-ABD	45.88	45.81	0.00	726.74	0.063	0.08	5.286	A
C-D	4.13	4.13	0.00	-	-	-	-	-
C-A	73.30	73.30	0.00	-	-	-	-	-

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	168.46	168.44	0.00	561.01	0.300	0.43	9.170	A
A-BCD	0.00	0.00	0.00	686.57	0.000	0.00	0.000	A
A-B	14.31	14.31	0.00	-	-	-	-	-
A-C	145.33	145.33	0.00	-	-	-	-	-
D-ABC	7.71	7.71	0.00	564.44	0.014	0.01	6.465	A
C-ABD	45.89	45.89	0.00	726.75	0.063	0.08	5.289	A
C-D	4.13	4.13	0.00	-	-	-	-	-
C-A	73.29	73.29	0.00	-	-	-	-	-

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	137.54	137.96	0.00	569.89	0.241	0.32	8.344	A
A-BCD	0.00	0.00	0.00	692.45	0.000	0.00	0.000	A
A-B	11.69	11.69	0.00	-	-	-	-	-
A-C	118.67	118.67	0.00	-	-	-	-	-
D-ABC	6.29	6.30	0.00	572.11	0.011	0.01	6.362	A
C-ABD	36.65	36.71	0.00	725.01	0.051	0.06	5.230	A
C-D	3.42	3.42	0.00	-	-	-	-	-
C-A	60.62	60.62	0.00	-	-	-	-	-

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-ACD	115.19	115.46	0.00	576.29	0.200	0.25	7.818	A
A-BCD	0.00	0.00	0.00	696.74	0.000	0.00	0.000	A
A-B	9.79	9.79	0.00	-	-	-	-	-
A-C	99.38	99.38	0.00	-	-	-	-	-
D-ABC	5.27	5.28	0.00	577.66	0.009	0.01	6.291	A
C-ABD	30.20	30.25	0.00	723.82	0.042	0.05	5.190	A
C-D	2.89	2.89	0.00	-	-	-	-	-
C-A	51.23	51.23	0.00	-	-	-	-	-

ARCADY 8

Version: 8.0.0.296 [27 Feb 2012]
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The users of this computer program for the solution of an engineering problem are in no way relieved of their responsibility for the correctness of the solution

Filename: Kingsmark Way_Doncaster Road_Nora Street.arc8
Path: O:\Former Goldthorpe Colliery\ANALYSIS\CAPACITY\Priority Junctions
Report generation date: 28/11/2013 15:24:58

Summary of junction performance

	PM			
	Queue (PCU)	Delay (s)	RFC	LOS
A1 - 2018 PM Base				
Stream B-ACD	0.24	8.24	0.19	A
Stream A-BCD	0.01	4.70	0.01	A
Stream A-B	-	-	-	-
Stream A-C	-	-	-	-
Stream D-ABC	0.03	7.83	0.03	A
Stream C-ABD	0.23	5.71	0.16	A
Stream C-D	-	-	-	-
Stream C-A	-	-	-	-

Values shown are the maximum values over all time segments. Delay is the maximum value of average delay per arriving vehicle.

"D1 - 2013 AM Count, AM" model duration: 07:30 - 09:00
"D2 - 2013 PM Count, PM" model duration: 16:30 - 18:00
"D3 - 2018 AM Base, AM" model duration: 07:30 - 09:00
"D4 - 2018 PM Base, PM" model duration: 16:30 - 18:00
"D5 - 2018 AM Design, AM" model duration: 07:30 - 09:00
"D6 - 2018 PM Design, PM" model duration: 16:30 - 18:00

Run using ARCADY 8.0.0.296 at 28/11/2013 15:24:55

File summary

File Description

Title	Doncaster Road/Kingsmark Way/Nora Street
Location	Goldthorpe, South Yorkshire
Site Number	
Date	28/11/2013
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	13058
Enumerator	OPTIMA\richard.murphy
Description	

Analysis Options

Vehicle Length (m)	Do Queue Variations	Calculate Residual Capacity	Residual Capacity Criteria Type	RFC Threshold	Average Delay Threshold (s)	Queue Threshold (PCU)
5.75			N/A	0.85	36.00	20.00

Units

Distance Units	Speed Units	Traffic Units Input	Traffic Units Results	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
m	kph	PCU	PCU	perHour	s	-Min	perMin