

Witney Transport Strategy 2017 (Bridge Street Option Generation Study), October 2017: Demand flows

Demand Flow		2013 Baseline		2031 Do Minimum		2031 Preferred Development Scenario		OPTION 1: Partial gyratory		OPTION 2: Full Bridge St closure		Sensitivity Test	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
A4095 Bridge Street	Northbound	909	917	916	883	842	861			36	36	905	1119
A4095 Bridge Street	Southbound	916	975	965	937	811	798	817	791	24	25	943	970
A4095 Mill Street	Eastbound	421	350	435	343	358	329			204	104	706	777
A4095 Mill Street	Westbound	297	319	284	306	258	288	676	702	130	124	720	859
B4022 West End	Northbound	239	339	229	290	164	126			528	387	501	793
B4022 West End	Southbound	373	265	294	212	209	147	922	718	890	763	628	477
High Street	Northbound	504	591	486	560	487	534	166	159	166	160	233	375
High Street	Southbound	635	679	690	679	555	512	307	248	228	129	278	173
Witan Way (South of Langdale Gate)	Northbound	70	253	178	256	125	241	109	111	122	115	114	271
Witan Way (South of Langdale Gate)	Southbound	203	38	308	255	263	162	312	263	222	133	269	176
Witan Way (North of Langdale Gate)	Northbound	47	194	172	252	120	237	160	135	154	133	217	344
Witan Way (North of Langdale Gate)	Southbound	200	36	305	252	260	160	307	258	219	131	266	174
Witan Way (South of High Street)	Northbound	46	129	138	192	88	181	130	123	130	124	197	339
Witan Way (South of High Street)	Southbound	170	35	260	190	221	116	283	224	203	103	254	148
B4022 Newland	Eastbound	560	606	508	548	462	509	410	439	614	685	575	568
B4022 Newland	Westbound	517	539	498	500	396	239	381	222	262	137	384	222
B4022 Oxford Hill	Eastbound	312	380	273	305	831	764	811	730	1141	1243	1023	935
B4022 Oxford Hill	Westbound	351	317	298	238	663	519	691	715	647	657	817	777
Jubilee Way	Northbound	172	131	134	126	287	302	298	480	298	413	377	515
Jubilee Way	Southbound	115	134	99	137	268	316	268	318	320	470	275	333
B4022 Hailey Road	Northbound	160	185	157	170	358	497	280	475	359	514	366	569
B4022 Hailey Road	Southbound	221	181	182	155	494	377	493	396	490	377	493	377
New Yatt Road	Northbound	104	125	99	117	180	219	179	163	180	201	181	166
New Yatt Road	Southbound	116	119	111	119	179	169	179	169	179	169	179	170
Crawley Road	Eastbound	151	84	111	57	166	127	166	127	138	96	135	100
Crawley Road	Westbound	79	154	71	120	150	195	150	202	151	202	134	224
Welch Way	Eastbound	404	340	286	283	336	277	24	24	24	24	24	24
Welch Way	Westbound	375	602	357	428	267	349	45	45	46	47	45	46
Station Lane	Eastbound	596	405	767	614	660	601	653	499	703	568	669	647
Station Lane	Westbound	256	218	559	699	477	594	538	696	476	631	497	636
Curbridge Road (North of Mirfield Road)	Northbound	356	234	443	303	483	393	466	317	465	332	398	286
Curbridge Road (North of Mirfield Road)	Southbound	337	581	436	622	400	634	353	592	284	401	296	546
Deer Park Road (South of Burford Road)	Northbound	135	208	164	225	146	188	145	200	145	205	144	196
Deer Park Road (South of Burford Road)	Southbound	116	84	218	152	234	149	255	149	245	130	245	145
B4047 Burford Road (west of Downs Road)	Eastbound	657	492	605	485	668	516	668	516	668	516	668	516
B4047 Burford Road (west of Downs Road)	Westbound	347	496	313	493	331	485	331	486	333	494	332	490
Downs Road (South of Burford Road)	Northbound	79	159	147	209	127	216	126	216	124	226	112	196
Downs Road (South of Burford Road)	Southbound	170	89	138	89	144	84	145	85	138	81	139	80
A40 (west of Downs Road)	Eastbound	1254	924	1645	1074	1676	1292	1676	1292	1676	1292	1676	1292
A40 (west of Downs Road)	Westbound	663	1191	790	1467	1080	1717	1080	1720	1081	1731	1082	1729
A40 (between Downs Road and Ducklington Lane)	Eastbound	1254	924	1746	1365	1959	1556	1975	1600	2005	1581	2060	1644
A40 (between Downs Road and Ducklington Lane)	Westbound	663	1191	1049	1422	1456	1772	1471	1777	1539	1944	1533	1834
A40 (between Ducklington Lane and Shores Green)	Eastbound	1351	949	1511	1313	2077	1534	2145	1782	2189	1726	2379	1847
A40 (between Ducklington Lane and Shores Green)	Westbound	927	1267	1135	1118	1628	1816	1647	1831	2047	2343	1950	2028
A40 (east of Shores Green)	Eastbound	1472	1324	1607	1541	1923	1255	1923	1256	1941	1258	1940	1263
A40 (east of Shores Green)	Westbound	1268	1535	1365	1235	1275	1282	1275	1282	1275	1282	1275	1282
A4095 Burford Road (East of Tower Hill)	Eastbound	628	427	613	490	612	515	606	527	602	535	590	507
A4095 Burford Road (East of Tower Hill)	Westbound	354	434	286	472	283	477	296	478	280	460	282	480
A4095 Curbridge Road (South of Deer Park Road)	Northbound	599	437	983	622	971	683	955	637	954	655	900	610
A4095 Curbridge Road (South of Deer Park Road)	Southbound	514	718	768	1222	702	1180	688	1180	632	1041	632	1139
Cogges Hill Road	Northbound	273	279	267	304	435	297	435	297	435	297	435	297
Cogges Hill Road	Southbound	285	303	267	306	306	421	306	428	307	428	308	457
West End Link	Northbound					344	566	1144	1181	1063	1205		
West End Link	Southbound					450	356	450	357	819	629		
Woodford Way	Northbound	78	81	73	64	216	346	414	471	399	488	74	80
Woodford Way	Southbound	91	62	78	76	140	125	274	257	231	213	194	199