The Planning Act 2008 - Chapter 2 Examination TR010025

A303 Amesbury to Berwick Down Improvements

Written Submission by the Council for British Archaeology

May 2019

Appendix F: Table of Selected UK Road Tunnels

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UK tunnel locations and traffic throughputs per tunnel length

(sources: http://www.rtoa.org.uk/Directory.html; HE A417 and A303 consultation documents; HE Cross Pennine strategic study reports)

Tunnels (Road No. and Location) - ranked by traffic throughput per metre	Context	Daily traffic	Annual traffic	Length (m)	Annual traffic per tunnel m
A2 Eltham	urban		21,900,000	156	140,385
A12 Green Man	urban		21,900,000	170	128,824
M25 Bell Common	**rural COMMON**		**48,830,000**	**515**	**94,816**
A40 Hangar Lane	urban		21,900,000	240	91,250
A50 Meir Stoke	urban		25,000,000	284	88,028
M4 Brynglas	suburb		29,000,000	360	80,556
A12 George Green	urban		21,900,000	295	74,237
M25 Holmesdale	suburb		46,830,000	684	68,465
A13 East India Dock	urban		23,725,000	350	67,786
A40 Gibraltar Hill	rural		11,000,000	188	58,511
A505 Baldock	rural	27,000	9,855,000	224	43,996
A20 Roundhill	**rural AONB pt SAC**		**14,600,000**	**370**	**39,459**
A3211 Upper Thames St	urban		10,950,000	320	34,219
A27 Southwick Hill	**rural NAT PARK NT**		**17,110,000**	**510**	**33,549**
A739 Clyde	estuary		22,000,000	756	29,101
A417 (CCB illustrative option not agreed)	**rural AONB**	**39,000**	**14,235,000**	**500**	**28,470**
A38 Queensway	urban	42,000	15,330,000	550	27,873
A1(M) Hatfield	urban		29,510,000	1,147	25,728
A289 Medway	estuary		15,300,000	725	21,103
Dartford	estuary		25,350,000	1,430	17,727
A13 Limehouse	urban		23,725,000	1,553	15,277
A102 Blackwall	estuary		18,250,000	1,350	13,519
A417 Option 3 (HE shortest tunnel rejected)	**rural AONB**	**39,000**	**14,235,000**	**1,300**	**10,950**
A3 Hindhead Common	**rural AONB SPA NT**	**35,000**	**12,775,000**	**1,830**	**6,981**
(A59) Kingsway Wallasey	**estuary (WHS)**		**15,640,000**	**2,260**	**6,920**
A55 Conwy	**estuary WHS**		**5,500,000**	**1,089**	**5,051**
(A41) Queensway Birkenhead	**estuary (WHS)**		**11,000,000**	**3,260**	**3,374**
A303 Stonehenge	**rural WHS**	**30,300**	**11,059,500**	**3,300**	**3,351**
Cross Pennine	**rural NAT PARK**		**48,830,000**	**16,000**	**3,052**

NOTE: Traffic throughput for Cross Pennine scheme unknown. For illustrative purposes the following is used to maximise traffic per tunnel metre: shortest option (10 miles) and maximum throughput above (Bell Common)