

Local Authority	HA area	Roads in AQMA	Air Quality Management Area	NO ₂	PM ₁₀	AQMA priority*	Source of info	HA measures suggested in LA action plan	TPI schemes ¹ (> £5 million)					RMS ²	Traffic Officers ³	ITB ^{3**}	Others/comment ^{1†}
									Title (No.)	ES published	Start of works	Road opening	ES published				
Barnet LB	5	M1 A1	J1-J4 within borough Small section at junction with M1	✓	✓	P	USA 2006	1 - speed restrictions	No scheme currently in the TPI	-	-	-	Spring '05	✓	-	London LEZ in operation (Feb 08) includes M1 S of J4 Gateway	
Barnsley MBC	12	M1	J35a-J38 within borough (100m either side of central reservation and up to 200m at J37 Dodworth/A628)	✓	☒	N	USA (2006)	2 - speed reduction to 50mph - variable messaging/traffic management schemes	M1 J34N-37 Widening M1 J37-39 Widening	Jun '08 Jun '08	Jan '11 Oct '12	Dec '14 Dec '15	March '05	✓	-	South and West Yorkshire Making Better Use Study (SWYMBUS) to address M1J37 improvements/A628 Dodworth Bypass in conjunction with BMBC	
Birmingham CC	9	M6 A38(T)	J5-J7 within borough Minworth N to jn with M6, sliproad onto M6	✓	☒	P	Detailed Assessment (2007)	5 - 20 minute response time for M6 incidents - improved incident contingency planning - improved scheme diversion routing - M42 active traffic management - evaluate active traffic management for M6	No scheme currently in the TPI Pre-TPI: M42 J3 to J7 Widening (Suspended)	-	-	-	July '05	✓	Castle Bromwich (TP non DC) (2007/08) Birmingham Bus Park (TP Mixed) (implemented 2006/07)	Variable speed limits and hard shoulder running M6 J4-5 (08/09)	
Blaby DC	11	M1	2 - S of J21 btwn Enderby and Narborough, 3 - J21-21a btwn Thorpe Astley & Kirby Muxloe	✓	☒	P	USA (2006)	5 - assess impact of M1 widening - redesign of J21 - ATM with variable speed limits & use of hard shoulder at peak periods - variable message signing - improved screening	M1 J21-30 (TPI 93) - Phase 2	Jun '08	Jun '10	Apr '15	April '05	✓	Grove Park (TP mixed) (implemented 2006/07) Grove Park (specific unit development) (TP DC) (implemented 2007/08)	LNMS - M1J21 improvements.	
Blackburn with Darwen BC	10	M65	5 - Earcroft, A666 Blackburn Rd / M65 J4 slip	✓	☒	N	Progress Report (2008)	APNA	No scheme currently in the TPI	-	-	-	Sept '03	✓	-	-	
Bolsover DC	7	M1 M1	Nr J28, Carter Lane East, South Normanton Nr J30, Orchard Close, Barborough	✓	☒	P	Progress Report (2006); USA (2006)	2 - speed restrictions - reductions in traffic volume	M1 J21-30 (TPI 93) - Phase 1 M1 J21-30 (TPI 93) - Phase 2	Mar '06 Jun '08	Sep '07 Jun '10	Jul '10 Apr '15	On hold	✓	-	-	
Bolton MBC	10	M61	J2 to N of J6 in borough, corridor (variable)	✓	✓	N	-	1 - AP25 (Gtr Manchester) refers to speed controls	No scheme currently in the TPI	-	-	-	On hold	✓	-	-	
Brentwood BC	5	M25 A12	1 Nags Head Lane at M25 junction 2 Brook St Rdbt at M25 / A12 junction 3 Greenhew/Porters Close nr A12 (Brentwood Bypass) 4 Warescot Rd/Hartswood Av/Ongar Rd nr A12 5 B1002 Roman Road, Hey Bridge nr A12 6 Everning Ln, Pemberton Av, Trimble Close, nr A12	✓	☒	P	Progress Report (2008)	3 - M25/A12 Brook Street improvement - M25 J27-30 widening plus IDM (e.g. ATM, HOVL) - General measures: barriers, park & ride signs, IDM including variable speed limits for A12	M25 J28/A12 Brook St interchange M25 J27-30 Widening (TPI 98) Pre-TPI: A12, M25 to A1016 Widening	Oct '06 Aug '07	May '07 Jan '10	Jan '08 Dec '11	Draft Spring '04	✓	-	-	
Bristol CC	2	M32	J1 to city centre	✓	✓	P	BCC website	3 - improve speed enforcement - speed restrictions - detrunking M32	M5 J17-18a Nbound Climbing Lane (TPI 70) M5 J19-20 Sbound Climbing Lane (TPI 71) M5 J19-20 Nbound Climbing Lane	- - -	- - -	Open Open Open	M32/M49 - Aug '06 M5 - Aug '06	✓	Cribbs Causeway (TP non DC) (implemented 2005/06); UWE (TP non DC) (2007/08); Abbey Wood (TP DC) & Aztec West (TP non DC) (future). Park & Ride Signing on motorway approaches to M5 J18 (completed). Driver Information Study to encourage use of other modes of transport.	HA is building bus lane on M32- expected 2009.	
Bromsgrove DC	9	M42	J1 Lickey End	✓	☒	N	Detailed Assessment (2007)	1 - work with HA on direct options for J1 M42. 6 - junction improvements - speed restrictions - closure of junction - introduction of tolls - reduction in traffic - reduction in HDV	No scheme currently in the TPI	-	-	-	July '05	✓	-	LNMS - M42 J1 westbound to M5 J4a improved layout and signing to reduce accidents and gridlock (implemented July 07). Box markings at J1 to reduce gridlock (proposed).	
Broxbourne BC	5	M25	1 Arlington Crescent, Parkside, 13-21 High St, Waltham Cross J25 (Holmesdale tunnel portal) 2 33 to 55 Teresa Gardens, Waltham Cross, 3 Tyle Kiln Cottage, Burntfarm Rd, J24-25 (N of)	✓	✓	P	HertsBed AQMN (2007)	1 - liaise with HA on EIAs for M25 projects (Congestion Study M25 J25 & orbit multi-model study)	M25 J23-27 Widening (TPI 97)	Jul '11	Oct '12	Jun '15	Draft Spring '04	✓	-	Holmesdale tunnel refurbishment (completed Sept 07) should improve traffic flow and ventilation.	
Broxtowe BC	7	M1	1 J25-26, Trowell, Nottm - Tiree Cls, Iona Drive 2 J25-26, Trowell, Nottm - Derbyshire Ave 3 J25-26, Trowell, Nottm - Nottingham Road 4 J26 Nuthall, Nottm - Nottingham Rd, Back Ln	✓	☒	N	Detailed Assessment (2005)	APNA	M1 J21-30 (TPI 93) - Phase 1 M1 J21-30 (TPI 93) - Phase 2	Mar '06 Jun '08	Sep '07 Jun '10	Jul '10 Apr '15	On hold	✓	-	-	
Bury MBC	10	M60 M62 M66	Corridor around W of J17- E of J18 East from M60 J18 to boundary Corridor from start to J4	✓	✓	P	Progress Report (2008)	2 - AP24 (Gtr Manchester) LA to work with HA on M60 RMS - AP25 (Gtr Manchester) refers to speed controls	No scheme currently in the TPI Pre-TPI: M60 J18-12 (JETTS) widening	-	-	-	M60 - Jun '05 M62 - No RMS M66 - Oct '03	✓	-	-	
Cannock Chase DC	11	A5	Walling St, Bridgtown area btwn A34 Walsall Rd to A460/South Staffs boundary	✓	☒	N	USA (2006)	4 - Smarter traffic lights (MOVA) at Walkmill Lane - Pedestrian crossings - Junction improvements at Delta Way - Review of road hierarchy & speed limits	No scheme currently in the TPI	-	-	-	No RMS	☒	-	A5 may be detrunked.	
Chichester DC	4	A27	Claremont Court, Stockbridge roundabout	✓	☒	N	Progress Report (2008)	1 - A27 improvements	No scheme currently in the TPI	-	-	-	No RMS	☒	-	-	
Congleton BC	10	M6	J18-19 near Cranage, two properties J17 with A534, 6 properties	✓	☒	P	USA (2006) Detailed Assessment (2007)	8 - ASA1 - Air quality monitoring ASA2 - Air quality modelling ASA3 - M6 RMS (complete) ASA4 - HGV lanes ASA5 - Ramp metering ASA6 - Traffic officers (done) ASA7 - Congestion busting workshops ASA8 - M6 widening or expressway	Pre-TPI: M6 J11a-19 Increasing capacity study (TPI entry expected 2007)	Unknown	Beyond 04/2008	Beyond 04/2008	Dec '04	✓	-	-	
Cotswold DC	2	A417	Air Balloon Cottages, jn with A436, Birdlip	✓	☒	P	Monitoring report (2006)	APNA	No scheme currently in the TPI	-	-	-	No RMS	☒	-	-	
Dartford BC	5	A282	Dartford Tunnel Approach Road, J1a to 300m S of 1b, corridor approx 250m wide	✓	✓	P	USA (2003)	4 - speed restrictions - improved screening - assessment of impact of Dartford Crossing tolls - variable message signing	A2/A282 Dartford Improvement (TPI 6) M25 J1b-3 Widening (TPI 94)	Mar '03 Nov '06	Aug '06 Jun '07	May '08 Mar '09	Draft only Spring '04	✓	Crossways Park (TP non DC)	Reduced speeds on northbound approach to toll plaza (implemented 2006). Variable speed limits M25 J1b-3 (2007/08)	
Derby CC	7	A5111 A52	In city, between Alvaston Islands Section of A52 in Spondon	✓	✓	N	USA (2003) Detailed Assessment (2006)	2 - expansion of urban traffic control (HA to assist) - travel plan (HA to assist)	No scheme currently in the TPI	-	-	-	On hold	☒	-	-	
Doncaster MBC	12	A1(M) M18	2. J36 corridor along A18 into town centre 4. Bawtry/Hantley Wood, at junction with A638	✓	☒	N	USA (2006)	1 - VMS	No scheme currently in the TPI Pre-TPI: A1(M) Redhouse to Doncaster jn strategy. A1(M) J35 to 38 SWYMBUS	-	2011/12 2009/10	-	Mar '04	✓	-	South and West Yorkshire Making Better Use Study (SWYMBUS) to address	
Dover BC	4	A20	Townhall St, from York St rdbt nr Western docks to a point c.140m from the Eastern Docks. Extended in 2007 to include Limekiln Street	✓	☒	P	Progress Report (2008)	5 - Jn improvements to reduce Townwall St congestion - Dual section of A2 btwn Dover & Lydden - Strategic signage to move freight onto dualled A2 - Improvements to Eastern Docks Layout - New exit slip road onto A20 from Eastern Docks	No scheme currently in the TPI	-	-	-	Sept '03	☒	-	Joint transport model developed to identify options to improve traffic flows, reducing congestion and improve air quality. Signage for alternative freight route not viable.	
Dudley MBC	0	A4123 M5	Borough wide AQMA	✓	☒	N	Progress Report (2008)	No measures for HA	No scheme currently in the TPI	-	-	-	38565	✓	-	-	
Eastleigh BC	3	M3	J12-14	✓	☒	P	Detailed Assessment (2005)	APNA	No scheme currently in the TPI	-	-	-	Jan '05	✓	-	-	
East Staffordshire DC	0	A38	Area within Burton-Upon-Trent adjacent to A511 and A5121.	✓	☒	N	Further Assessment (2008)	1-A38 signage to divert HGVs to the most appropriate exits	No scheme currently in the TPI	-	-	-	No RMS	✓	Wellington Road, Burton - AVRO Business Park (TP Non DC) (2007/08)	-	

Enfield LB	5	M25	J24 to east of J25 within borough	✓	✓	P	Stage 4 ?	1 - road widening through Holmsdale tunnel to improve vehicle flow	M25 J23-27 Widening (TPI 97)	Jul '11	Oct '12	Jun '15	Draft Only Spring '04	✓	-	-
Erewash BC	7	M1	Between J24 & J25 Long Eaton, east of M1 North of J25 Sandiacre, east of M1	✓	☒	P	USA (2006)	9 - Variable Speed Limits - Access control to motorways using ramp metering - Traffic management and calming using gateways - Integrate motorway & urban traffic control systems - Conversion to hard shoulder to running lane at jn - Hard shoulder crawler lanes - ATM to reduce congestion - Motorway HGV low emissions zone - Modal shift in transport (e.g. Travel Plans)	M1 J21-30 (TPI 93) - Phase 1 M1 J21-30 (TPI 93) - Phase 2	Mar '06 Jun '08	Sep '07 Jun '10	Jul '10 Apr '15	On hold	✓	-	-
Gravesham BC	4	A2	Corridor either side of A2 within borough	✓	✓	P	Further Assessment (2005)	1 - work together with HA on direct options for A2 4 - realignment & widening of A2 - speed regulation to 50mph - 14% reduction in HDV - 10.5% reduction in overall flows (direct HA options)	A2 Bean-Cobham Phase 1 Bean-Tollgate (TPI 4) A2 Bean-Cobham Phase 2 Tollgate-Cobham (TPI 5) A2/A282 Dartford Improvement (TPI 6)	Oct '04 Mar '03	Sep '06 Aug '06	Open Dec '08 May '08	38443	✓	-	A2 is being realigned away from properties in Gravesham which will result in significant air quality improvements.
Harrow LB	5	M1	West of J4 within borough	✓	✓	N	Stage 4 report (2003)	No measures for HA within Draft Consultation Version	No scheme currently in the TPI	-	-	-	Spring '05	✓	-	-
Herefordshire C	9	A49(T)	Corridor through Hereford City Centre	✓	☒	P	Progress Report (2008)	6 - 'Hereford Intelligent Transport System' on A49 in Hereford 7 - Alteration of traffic management at Belmont Rdabout 13 - Network Management Duties for the A49 in Hereford	No scheme currently in the TPI	-	-	-	Dec '04	✓	A49 Park and Ride (proposed)	LNMS - A49 / A465 Belmont Roundabout / Greyfriars Bridge. Improvements to roundabout will reduce congestion in area at southern end of AQMA (completed Oct 07)
Hertsmere BC	5	M25 M1	Charleston Paddocks, South Mimms, nr J23 31-39 Blanche Lane, South Mimms, nr J23 23-27 Dove Lane & caravan site, nr J24 12 Grove Place & caravans, Aldenham, nr J5	✓	☒	N	Detailed Assessment (2004)	2 - work with HA on multi-modal studies - support HA for measures to reduce air pollution on M1 & M25	M1 J6a to 10 Widening (TPI 77) M25 J16-23 Widening (TPI 96) M25 J23-27 Widening (TPI 97)	Aug '07 Jun '11	Mar '06 Jan '09 Oct '12	Dec '08 Jun '12 Jun '15	M25- Draft only Spring '04 M1- Spring '05	✓	-	-
Hillingdon LB	5	M4 M25	J3 to 4b within borough J14 to 15 within borough	✓	☒	P	USA (2006)	5 - public transport - reduced speed limits - road user charging - VMS - green travel plans	M25 J16-23 Widening (TPI 96) M25 J12-15 Widening (TPI 36)	Aug '07	Jan '09	Jun '12 Open	M4 - June '05 M25 - Draft only Spring '04	✓	-	Improvements to M4 J4 to reduce congestion (completed Feb 07). M25 J10-16 variable speed limits
Hounslow LB	5	M4	J3-J1 within borough	✓	✓	P	Stage 4 report (2003)	6 - smooth traffic flows - HOV lane & freight priority lanes - RMS - VMS - reduced speed limits - M4 and M4 spur in tunnel with scrubbing	No scheme currently in the TPI	-	-	-	Jun '05	✓	-	London LEZ in operation (Feb 08) includes M4 J1-3 and M4 spur road.
Hull CC	12	A63(T)	Hessle Road & Castle Street east to River Hull	✓	☒	P	Detailed Assessment (2004)	1 - VMS	No scheme currently in the TPI Pre-TPI : A63 Castle Street cut and cover	-	-	-	2010/11	☒	Hull City Centre (TP mixed) (future 2008/09)	-
Huntingdonshire DC	8	A14	Huntingdon, NE of A14 from Spittals Interchange to Town Bridge Properties in Brampton nr jn of A1 and A14 Properties btwn Hemmingford & Fenstanton	✓	☒	P	USA (2006)	APNA	A14 Ellington to Fen Ditton	2007	2010	2012-2015	36923	☒	Northbridge Development (TP DC) (2007/08)	-
Kerrier DC	0	A30	A30 as it passes by Cambourne and Redruth	✓	☒	N	Progress Report	No measures for HA	No scheme currently in the TPI	-	-	-	No RMS	☒	Cornwall College (TP Mixed) (2006/07)	-
Leeds CC	12	M621	199-103 Dewsbury Rd, Holbeck, S of city centre Nr J3	✓	☒	N	AQAP (2005)	3 - A1 upgrading to motorway status East Leeds Link Road Reference to RMS for M1/M621	No scheme currently in the TPI	-	-	-	Mar '05	✓	Leeds Valley Park (TP mixed) (2007/08)	-
Lichfield DC	11	A5	Muckley Corner, at junction of A5 and A461	✓	☒	P	Progress Report	APNA	No scheme currently in the TPI	-	-	-	No RMS	☒	-	-
Luton BC	8	M1	Section to north and south of J11 in borough	✓	☒	P	AQAP (2005)	APNA	M1 J6a to 10 Widening (TPI 77) M1 J10-13 Widening (TPI 78) A505 Dunstable Northern Bypass (A5 - M1 Link) (TPI 83)	Mar '07 Feb '08	Mar '06 Nov '08 Jul '13	Dec '08 Sep '11 Feb '15	Spring '05	✓	-	HOVL (J7-10) as part of M1 J6a-10
Macclesfield BC	10	A556	Mere, corridor either side	✓	☒	P	Detailed Assessment (2007) & Progress Report (2008)	APNA	(regional scheme for A556 dualling)	-	-	-	No RMS	☒	-	Regional scheme - A556 Mere bypass (2012). Improvements on A556 and connecting roads (completed Mar 07) • A556 Road Renewal at Tabley • A556/M6 J19 Intelligent Traffic Lights • M56/A556 Intelligent Traffic Lights • A556/A50 Mere Junction Yellow Box Marking • Bucklow Hill Junction improvements
Maidstone BC	4	M20	Entire Maidstone Town conurbation (M20 - J6 to 7, corridor either side plus 1km west of J7 to council boundary)	✓	✓	N	USA (2006)	4 - speed restrictions - enhanced screening - assessment of impact of introducing M20 tolls - advisory signage	No scheme currently in the TPI	-	-	-	Sept '03	✓	-	LNMS - Controlled motorway (variable speed limits) M20 J5-7 (2007/08). Project Cordon (with Maidstone, Medway and Kent CC) - electronic signs/cctv/ANPR on M20, M2 + A249 and A229 corridors, to divert traffic along diff corridors to smooth traffic flows.
Manchester CC	10	M60 M56	West of J5 to J4 South of J6 to J1	✓	✓	P	Progress Report (2005)	3 - AP15 (Gtr Manchester) SEMMS Quality Bus Corridor - AP24 (Gtr Manchester) LA to work with HA on M60 RMS - AP25 (Gtr Manchester) refers to speed controls	M60 J5-8 Widening (TPI 37)	-	-	Open	M56 - On hold M60 - Jun '05	✓	-	2 schemes to reduce congestion - M60 J4 improvement (completed 2004), M56 J3 tiger tail markings (completed 2005)
North Warwickshire BC	9,11	M6/M42/A446	Farmhouse nr junction of all 3 roads, Stonebridge	✓	☒	N	Progress Report (2007)	1 - liaison with HA on measures impacting on AQ	No scheme currently in the TPI	-	-	-	M6 & M42 - July '05, A446 - No RMS	✓	Birmingham Business Park (TP mixed) (implemented 2006/07); Belfry Hotel (TP non DC) (future)	Variable speed limits M42 J 7-9(08/09). Variable speed limits and hard shoulder running M6 J4-5 (08/09). LNMS - M6 J4 NB approach part-time signals
North West Leicestershire DC	7,11	M1	Small section N of J23a nr Kegworth	✓	☒	N	Stage 4 Report (2003)	APNA	M1 J21-30 (TPI 93) - Phase 2	Jun '08	Jun '10	Apr '15	On hold	✓	-	-
Northampton BC	8	M1	J15 to north of J15a, approx 50m corridor SW	✓	☒	N	Stage 4 Report (2004)	No measures for HA	No scheme currently in the TPI	-	-	-	Spring '05	✓	-	-
Nottingham CC	7	A52(T)	Dunkirk/Clifton Boulevard including QMC, btwn A6200 & A6005.	✓	☒	P	Progress Report (2005)	APNA	A453 Widening (M1J24-A52 Nott) (TPI 101)	Dec '07	Jul '09	Nov '11	No RMS	☒	Northern Foods & Pork Farm Bowers (TP non DC) (2007/08) Lenton Lane / Queens Industrial Estate (TP non DC) (implemented 2007/08)	-
Oldham MBC	10	M60 A627(M) A663	within borough Start to before first jn M60 J21 to jn with A627(M)	✓	☒	P	Detailed Assessment (2004)	2 - AP24 (Gtr Manchester) LA to work with HA on M60 RMS - AP25 (Gtr Manchester) refers to speed controls Other - LEZ, travel plans, alternative fuels	No scheme currently in the TPI	-	-	-	M62 - No RMS A627(M) - Jun '05 A663 - Jun '05	✓	-	-
Oswestry BC	9	A483	Gate House, at jn of A483 & Albridge Lane	✓	☒	N	USA (2003)	1 - dualling and realignment	No scheme currently in the TPI	-	-	-	Dec '04	☒	-	A5/A483 Mile End Rdbt widened to reduce accidents and delays (completed May 2007)
Portsmouth CC	3	A27	A27 Cosham (AQMA 1)	✓	☒	N	Further Assessment (2006)	No specific measures as expected to meet by 2010. Other general measures in AQAP will address.	M27 J11-12 climbing lanes	Jul '06	Jan '08	Jan '09	M27/A27- Mar '05	✓	Portsmouth IBM Campus (TP non DC) (future)	M275, A27, A3M Communications Upgrade should reduce congestion & accidents (due to be completed Mar 2008)
Reigate & Banstead BC	4,5	M25 M23 A23(T) A23	J7 to west of J8, 30m either side n J9, n J8 (Mersham), 30m either side Horley, M23 J9 east to A23 Hooley, jn with Dean Lane	✓	☒	N	USA (2006)	2 - safety and lane discipline review - improved signage/road markings	M25 J5-7 Widening (TPI 95)	Jan '11	Oct '12	Sep '14	M25 - Draft only Spring '04, M23/A23 - Feb '05	✓	-	ramp metering M25 J8 anticlockwise (08/09). LNMS - M25 J8-7 signs and lines to reduce congestion (implemented 2005/06)
Rochdale MBC	10	M62 M66 M60 A627M	Entire length in borough (except small far east section of M62), 200m corridor either side	✓	☒	N	Stage 3 Report (2000)	1 - AP25 (Gtr Manchester) refers to speed controls Other - LEZ, travel plans, alternative fuels	No scheme currently in the TPI Pre-TPI: M60 J18-12 (JETTS) segregated lanes and ATM	-	-	2010/11	M62 - No RMS M66 - Oct '03	✓	-	-

Rotherham MBC	12	M1	1 - nr J33, Brisworth & Catcliffe, 2 - west of J34, Meadowhall 3 - btwn J30 & 31, Wales Bar	✓	☒	P	USA (2006)	2 - speed restrictions and enforcement - advisory signs (plus town centre AQAP - travel plans)	M1 J21-30 (TPI 93) - Phase 2 M1 J31-32 Northbound Collector/Distributor M1 J32-34S Widening M1 J31-32 Widening	Jun '08 Jun '08 Jun '08	Jun '10 Jul '14 Apr '11 Jan '07	Apr '15 Mar '16 Sep '13 Nov '07	Mar '05	✓	Lower Don Valley - Rotherham (TP mixed) (2008/09)	South and West Yorkshire Making Better Use Study (SWYMBUS) to address
Runnymede BC	5	M25	1 - J11 N to J13, 55m either side 2 - J11 S to boundary at New Haw Byfleet, 70m either side	✓	✓	P	USA (2006)	3 - speed restrictions - enhanced screening - advisory signs	M25 J12-15 Widening (TPI 36)	-	-	Open	Draft only Spring '04	✓	-	-
Rushcliffe BC	7	A52(T)	Nottingham Knight Rdbt to boundary	✓	☒	N	Detailed assessment (2005)	APNA	No scheme currently in the TPI	-	-	-	No RMS	☒	-	-
Rushmoor BC	3	M3	J4-4a, 51m either side of centreline	✓	☒	N	Progress report with detailed assessment (2008)	7 - Speed regulation and enforcement - Multiple-occupancy lane and enforcement - Crawler lanes - Motorway tolls - Improve road signage - Enforce 'drive on the left' (Highway code) - Tree planting	No scheme currently in the TPI	-	-	-	early '05	✓	-	-
Salisbury DC	2	A36 A36 A36	City Centre Wilton Road London Road	✓	☒	P	Further assessment (2007), progress report (2008)	No specific measures for HA, in process of producing a revised action plan	No scheme currently in the TPI	-	-	-	No RMS	☒	-	-
Salford MBC	10	M60 M61 M62 M602	For NO2, corridor around all in borough. For PM10, area near M60 J13	✓	✓	P	Detailed Assessment (2004)	2 - AP24 (Gtr Manchester) LA to work with HA on M60 RMS - AP25 (Gtr Manchester) refers to speed controls Other - LEZ, travel plans, alternative fuels	No scheme currently in the TPI Pre-TPI: M60 J18-12 (JETTS) segregated lanes and ATM	-	-	2010/11	M602/M60 - Jun '05 M61 - On hold M62 - No RMS	✓	Salford Reds RFC (TP DC) (implemented 2007/08) Trafford Park (08/09) will affect M60, M602	-
Sandwell MBC	9	M6 M5 A4123 (no exceedence)	Junctions 7-8 Great Barr & Yew Tree Junctions 1-2 Oldbury & West Bromwich	✓	☒	P	Further Assessment (2006)	5 - Reduce incident response times to 20 mins (completed) - Implement contingency planning system on motorways (completed) - Evaluate suitability of ATM for M6 (ongoing) - Link road between M54 and M6 (2012) - Ramp metering of junctions (2008)	No scheme currently in the TPI (M54-M6 Link Road outside of TPI)	-	-	-	M5 - Jul '05 M6 - Spring '05	✓	Birmingham Business Park (2006/7) and Birmingham Business Park 2 (2007/8) for M6/M42	Variable speed limits and hard shoulder running M6 J8-10A (09/11). Improved incidence response times and improved contingency planning system to keep traffic moving. Ramp metering and ATM feasibility studies ongoing.
Sevenoaks DC	5	M20 M25 M26 A20(T)	From M25 J3 to border with T&M From Surrey to Dartford border, incl J3-5 from M25 J5 to border with T&M Swanley bypass (M25 J3 to Bromley border)	✓	✓	P	AQAP (2005)	3 - Reduction in all vehicle emissions by 35% - Reduction in HGV's by 10% - Reduction in speed to 80kph (50 mph)	M25 J1b-3 Widening (TPI 94) M25 J5-7 Widening (TPI 95)	Nov '06 2011/12	Jun '07 2012/13	Autumn 2008 2014/15	M20/M26/A20 - Sept '03 M25 - Draft only Spring '04	✓	-	ramp metering M25 J5 clockwise & J6 anticlockwise (08/09). LMNS - M26/M25 improvements to reduce congestion -when?
Sheffield CC	12	M1	City Wide AQMA encompassing whole urban area of Sheffield	✓	☒	N	USA (2006)	2 - speed restrictions - variable message signage	M1 J34N - 37 Widening M1 J32 - 34S Widening	Jun '08 Jun '08	Jan '11 Apr '11	Dec '14 Sep '13	Mar '05	✓	Lower Don Valley - Sheffield (TP DC) (2007/08)	South and West Yorkshire Making Better Use Study (SWYMBUS) to address
Shrewsbury & Atcham BC	9	A49(T)	Bayston Hill btwn Sharpstones Ln & Burgs Ln	✓	☒	N	Detailed Assessment (2004)	2 - cycling facilities along A49 - traffic management measures along A49	No scheme currently in the TPI	-	-	-	Dec '04	☒	-	LNMS - A5/A49 Bayleys Junction improvements to reduce congestion
Slough BC	3	M4	100m corridor N of carriageway J5-7 and S of carriageway J5-Sutton Lane.	✓	☒	P	Further Assessment (2004)	3 - smooth flows on to M4 at J5 - reduce queuing at J5 of M4 - work with LA to reduce emissions from M4	No scheme currently in the TPI	-	-	-	Jun '05	✓	Slough Trading Estate (TP mixed) (future 2008/09)	-
South Beds DC	8	A5	Jn of Dunstable High St and Church St (A505) in central Dunstable	✓	☒	P	USA (2006)	3 - Dunstable bypass to relieve A5 - Motorway widening M1 J10-13 - Improved traffic management on A5 HA committed improvements by 2010 1) Removal of bus lane on A5 (heading south) to north of junction with A505 2) Advisory signage on M1 before J9 (A5) for Dunstable industrial traffic to use J11 (A505) as industrial area is to east of town centre between A5 and A505 so would be more direct route 3) Rationalise pedestrian crossings on A5 High Street North 4) Move crossing points to in-front of stop lines 5) Improvements to SCOOT	A505 Dunstable Northern Bypass (A5 to M1 Link) M1 J10-13 Widening	Feb '08 Mar '07	Jul '13 Nov '08	Feb '15 Sep '11	Mar '05	☒	Woodside, Dunstable (TP) (future). Signalised cycle crossing modifications on High St.	Bypass would reduce traffic travelling to M1 J11 & 12 from the local road network in Dunstable. A5 would be detrunked as part of scheme.
South Bucks DC	3.5	M25 M40 M4	50m corridor either side 30m corridor either side 20m corridor either side	✓	☒	P	Further Assessment (2005)	APNA	M25 J16-23 Widening (TPI 96)	Aug '07	Jan '09	Jun '12	M25 - Draft only Spring '04, M40 - early 2005, M4 - Jun '04	✓	-	-
South Cambs DC	8	A14	Corridor from Bar Hill to Impington (varying width)	✓	✓	N	Detailed Assessment (2006)	APNA	A14 Ellington to Fen Ditton	2007/08	2010	2012- 2015	No RMS	✓ (M11)	Cambridge Science Park (TP, non DC) (2006/07)	A14 TPI will provide more highway capacity and reduce congestion on A14 and other roads; new junction at Bar Hill located will be further from residential area, new interchange at Girton where A14 meets M11 will reduce congestion.
South Hams DC	1	A38	The Old Parsonage, Dean Prior south of Buckfastleigh	✓	☒	P	Progress Report (2005)	APNA	No scheme currently in the TPI	-	-	-	Summer '04	☒	-	-
South Northants DC	8	A5	Central Towcester, Saracens Head x-roads to Silverstone Brook	✓	☒	P	AQAP (2007)	APNA	No scheme currently in the TPI	-	-	-	Feb '05	☒	-	A43/A5 Tove Roundabout may be grade separated in future which would reduce congestion.
South Staffs DC	11	M6 M54 A5	1 - Woodbank Hs, Teddesley Rd, Penkridge nr M6 J12 2 - Burnsnips Rd, Essington, nr M6/M54 jn 5 - Oak Farm, A5 east of M6	✓	☒	N	Further Assessment (2007) AP (2008)	1-support UK policy in respect of reduction in emissions from road vehicles 2-introduce hard shoulder running and ATM to M6 J10A-8 3-publicise issues around AQMA's and HA driver information program	No scheme currently in the TPI	-	-	-	M6 - end 2004? M54 - Nov '05	✓	-	Variable speed limits and hard shoulder running M6 J8-10A (09/11). M6-M54 link road would help reduce congestion on locals roads particularly A460 and A5
South Tyneside BC	26 (DBFO)	A19	S of Lindisfarne roundabout N along Tyne Tunnel approach	✓	☒	N	Detailed Assessment (2005)	APNA	No scheme currently in the TPI	-	-	-	No RMS	☒	Tyne Tunnel Trading Estate (TP) (future)	-
Southampton CC	3	M271	At end, south of J1 where meets A33 Redbridge Rd	✓	☒	P	AQAP (2008)	De-trunking of M271 to allow SCC to introduce traffic management measures	No scheme currently in the TPI	-	-	-	No RMS	☒	-	-
Spelthorne BC	5	M25 M3 A30	S of J13-J14 within borough E of J2-J1 within borough J with M25 E to boundary	✓	☒	P	USA (2006)	1 - road system design to reduce congestion	M25 J12-15 Widening (TPI 36)	-	-	Open	M25 - Draft only Spring '04 M3 - early '05 A30 - No RMS	✓	-	Variable speed limits on M25 J10-16 (2007/08) HOVL study as part of M25 J12-15. LMNS - A30 Crooked Billet rdbt improvements (2007/08)
St Albans CC	5	M25 M1/M10/A414 7	Frogmore/Colney St, btwn J21 & 22 Beachtree cottages at junction	✓	☒	P	Detailed Assessment (2004)	1 - speed regulation and traffic management	M25 J16-23 Widening (TPI 96) M1 J6a to 10 Widening (TPI 77)	Aug '07	Jan '09 Mar '06	Jun '12 Dec '08	M25 - Draft only Spring '04, M1/M10 - Spring '05	✓	-	HOVL (J7-10) and controlled mway as part of M1 J6a-10 widening
Stockport MBC	10	M60	N of J25 to J4 within borough	✓	✓	P	Stage 3 Report (2000)	2 - AP24 (Gtr Manchester) LA to work with HA on M60 RMS - AP25 (Gtr Manchester) refers to speed controls Other - LEZ, travel plans, alternative fuels	A57/A628 Mottram in Longdendale, Hollingworth and Tintwistle Bypass (TPI 75) Pre-TPI: M60 J24 (Denton Roundabout)	Jan '06	Aug '12	Dec '15	Jun '05	✓	-	50 mph speed limit J24-25 clockwise nr J25 for 1500 yards (completed Sept 06).
Stoke-on-Trent CC	11	A500(T) A50	Entire length within borough	✓	☒	N	USA (2006)	No measures for HA	A500 City Road & Stoke Junction Improvement (TPI 32)	-	-	Open	Dec '04	☒	Trentham Lakes (TP non DC) (2007/08); Etruria Valley (TP mixed) (future)	-
Surrey Heath BC	3	M3	From J4 to N of Ravenswood Rdbt, either side of carriageway	✓	✓	N	AQAP (2005)	APNA	No scheme currently in the TPI	-	-	-	Early '05	✓	-	-
Tameside MBC	10	M60 M67 A57(T) A628(T)	N of J23 Ashton to S of J24 J1 to jn with A57 Jn with M67 to A628 Jn with A57 to boundary	✓	✓	P	AQAP (2005)	3 - AP24 (Gtr Manchester) LA to work with HA on M60 RMS - AP25 (Gtr Manchester) refers to speed controls - AP29 (Gtr Manchester) A57/A628 Mottram- Tintwistle Bypass Other - LEZ, travel plans, alternative fuels	A57/A628 Mottram in Longdendale, Hollingworth and Tintwistle Bypass (TPI 75)	Jan '06	Aug '12	Dec '15	M60 - Jun '05 M67 - On hold	✓	-	A57 bypass should help
Tewkesbury BC	2	M5	nr J10, 15 Withybridge Gardens	✓	☒	N	USA (2006)	APNA	No scheme currently in the TPI	-	-	-	No RMS	✓	-	-

Three Rivers DC	5	M25	1. Chorley Wood - S of J18 to N of River Chess, 74m either side 2. Chandlers Cross - W of Chandler's Ln to J19, 74m either side 3. Kings Langley - where crosses railway, 74m either side	✓	✓	N	USA (2006)	1 - speed regulation and traffic management	M25 J16-23 Widening (TPI 96) M1 J6a to 10 Widening (TPI 77)	Aug '07	Jan '09 Mar '06	Jun '12 Dec '08	Draft only Spring '04	✓	-	-	x
Thurrock BC	5	A13 A282 M25	5 - North Stifford (A13) 7 - 2 hotels, Weston Avenue, Lakeside (A282) 8 - Premier Hotel, J31 9 - Thurrock Hotel, Ship Ln, nrJ31 15 - Gatehope Drive, Irvine Gdns, S Ockendon, J29-30 16 - Kemps Fm Cottage, Dennis Rd, S Ockendon, J29-30	✓	✓	P	AQAP (200x)	1 - M25 Orbit strategy	M25 J27-30 Widening (TPI 98)	Aug '07	Jan '10	Dec '11	M25 - Draft only Spring '04 A13 - Jan '05	✓	Shellhaven Port & Park (TP, DC) (2007/08)	-	-
Tonbridge & Malling BC	4	M20	39m corridor around centreline btwn J4-5, (New Hythe Ln, Larkfield to Hall Rd, Aylesford)	✓	☒	P	USA (2006)	3 - speed restrictions - advisory signage - enhanced screening	No scheme currently in the TPI	-	-	-	Sept '03	✓	-	LMNS - M20 J3 improvements to reduce peak hour congestion, with Kent CC Variable speed limits M20 J4-5 eastbound (2007/08)	-
Trafford MBC	10	M60	S of J6 to N of J10	✓	✓	N	Diffusion Tube Data (1996-2007) TMBC website Detailed Assessment (2007)	2 - AP24 (Gtr Manchester) LA to work with HA on M60 RMS - AP25 (Gtr Manchester) refers to speed controls Other - LEZ, travel plans, alternative fuels	M60 J5-8 Widening (TPI 37)	-	-	Open	Feb '05	✓	Trafford Park (TP, non DC) (future 2008/09)	-	-
Vale of White Horse	3	A34	Botley	✓	☒	P	Assessment (2007)	APNA	No scheme currently in the TPI	-	-	-	No RMS	☒	-	-	-
Wakefield MBC	12	M1 M62 A1	J38-42 within borough J29-33 within borough M62 J33 to Wentbridge	✓	☒	P	Progress Report (2008)	APNA	M1 J37-39 Widening M1 J39-42 Widening	Jun '08 Jun '08	Oct '12 Summer 2011	Dec '15 ?	M1 - Mar '07, M62 - June '02	✓	Glasshoughton Stadium (TP DC) (implemented 2007/08) Prince of Wales Colliery (TP DC) (future 2008/09) Normanton Industrial Estate (TP DC) (future 2008/09) Whitwood Common Business Park (TP DC) (future 2007/08)	-	-
Walsall MBC	9	M6	J8 to N of J10 within borough	✓	☒	N	Progress Report (2005)	APNA	No scheme currently in the TPI	-	-	-	Jul '05	✓	-	Variable speed limits and hard shoulder running M6 J8-10A (09/11)	-
Warrington BC	10	M6 M62 M56	50m either side of motorways within borough	✓	☒	N	Detailed Assessment/ Progress Report (2004)	5 - feasibility of VMS for AQ information - evaluate effect of speed restrictions - assess impact of planning applications - address signage issues for motorway diversions - RMS for M6 and M62	No scheme currently in the TPI	-	-	-	M6 - Jan '04 M56 - TBA M62 - No RMS	✓	Birchwood Park (TP, non DC); Lingley Mere, Omega & Gemini (TP, DC) (2007/08)	M62 J10 improvements - improved journey times during peak hours (completed Apr 06)	-
Watford BC	5	M1	J5-6 Ravenscroft, Gossamers & Eastlea Av, Meriden	✓	☒	P	Detailed Assessment (2004)	APNA	No scheme currently in the TPI	-	-	-	Spring '05	✓	Watford Health Campus (TP DC) (future 2008/09)	-	-
Waverley BC	3	A3	Through Hindhead	✓	☒	P	Detailed Assessment (2004)	1 - Move source of pollution away from properties	A3 Hindhead Improvements	-	Jul '07	Aug '11	No RMS	☒	-	-	-
West Dorset DC	2	A35	Through Chideock (15m corridor)	✓	☒	N	Further Assessment (2008)	APNA	No scheme currently in the TPI	-	-	-	April '02	☒	-	-	-
Wigan MBC	10	M6 M58	Corridor around motorways in borough	✓	☒	N	Pers comm (2007)	2 - AP24 (Gtr Manchester) LA to work with HA on M60 RMS - AP25 (Gtr Manchester) M6 motorway speed strategy Other - reduce traffic on M6, junction and link road improvements, speed restrictions	No scheme currently in the TPI	-	-	-	M6 - Jan '04	✓	-	M6/M58 part signalisation at entries to roundabout (completed 2005) M6 J22-25 ramp metering (trials 2006)	-
Wokingham DC	3	M4	60m corridor either side within borough (W of J11 to E of J10)	✓	☒	P	Stage 4 Report (2003)	3 - regulation of Speed on M4 - HOV Lanes - motorway tolls / Road User Charging	No scheme currently in the TPI	-	-	-	Jun '05	✓	-	-	-
Wolverhampton MBC	9	M54	Near J2 (although junction is outside borough)	✓	✓	N	Progress Report (2005)	APNA	No scheme currently in the TPI	-	-	-	Nov '05	✓	-	-	-
Wycombe DC	3	M40	J3-5 12m corridor either side expanded in places nr junctions to 30m	✓	☒	N	USA (2006)	4 - motorway speed strategy - M40 Handy Cross layout changes - reductions in traffic volume - multi-model studies	M40/A404 Handy Cross Junction Improvement (TPI 59)	-	-	Open	Early '05	✓	-	TPI improvements to address congestion (completed May 2007)	-

Priority AQMAs are shown in **bold**

APNA = Action plan not available

¹ TPI = Targeted Programme of Improvements

* This table has been compiled in good faith using information provided by local authorities and other divisions of the Highways Agency. If local authorities are aware of any errors in the table, then please let us know by contacting the Highways Agency Information Line and quoting air quality in the subject line.
Email us at ha_info@highways.gsi.gov.uk
Or call 08457 50 40 30 or 0121 335 8300.

AQMAs are prioritised (P) if annual mean NO2 concentrations in 2010 are likely to be above 38 µg/m³ and hence are at risk of exceeding the EU limit value, based on projections of measured or modelled NO2 concentrations or if PM10 concentrations are exceeding the EU limit

^{2a} A Route Management Strategy (RMS) is a method of planning our roads for the future. It looks at the whole picture by assessing the use and needs of a particular route with the intention of making better use. With the growing emphasis on regional planning and decision-making, transport decisions are increasingly linked to regional objectives and priorities. The Highways Agency is therefore developing its forward planning on a regional basis so as to be able to contribute to this decision-making process. This means that several RMSs that were underway have been put on hold for the time being whilst the new regional strategies are being developed. The new regional strategy will take into account the needs of the strategic road network. We will be able to use the information from completed RMSs as a valuable input to the new regional strategies.

¹ ITB = Influencing Travel Behaviour. This includes a wide range of measures to reduce demand for the strategic road network. For example, improving facilities for cyclists and pedestrians, park and ride schemes, development and implementation of travel

³ Traffic Officers patrol the motorway network to clear incidents and keep traffic moving, thus reducing congestion and vehicle emissions
<http://www.highways.gov.uk/knowledge/12811.aspx>

⁴ A travel plan is a package of measures promoting greener, cleaner travel choices and reducing reliance on the car, and is tailored to the needs of individual sites. Each plan is made up of mechanisms, initiatives and targets that together reduce the impact that transport has on the environment. As well as this the plan can bring added benefits such as cheaper travel options for employers and their staff. By developing travel plans, organisations will encourage staff and visitors to consider environmentally-friendly alternatives to driving alone. As well as the travel plans shown in the table above, the HA has also implemented travel plans that improve air quality in AQMAs away from the strategic road network, for example Cornwall College on the A30. Kerrier DC has an AQMA about a mile away from the college campus and the travel plan will help remove congestion in the area.
⁵ DC = travel plan related to development control; mixed = mixed use development
For further information about travel plans and details of those that have been implemented visit <http://www.highways.gov.uk/knowledge/9571.aspx>

¹ Due to the large number of small schemes (local network management schemes or LNMS, < £5 million) under consideration or development by the Highways Agency, it is not possible to include all of these in the table.
² SWYMBUS = South West Yorkshire Making Better Use Study

National Measures
The measures contained in the above table are specific to a particular AQMA. There are many more measures that the HA and Department for Transport (DfT) are involved in on a national scale that will help reduce emissions and improve air quality next to HA roads. For example, the introduction of more stringent vehicle emissions standards, fuel quality standards and measures to inform drivers of delays (travel and delay times on variable message signs, journey planning websites, traffic radio, etc) to help ease congestion. In addition, DfT sets national policy in relation to transport which affects demand for the strategic road network. More information on these and other projects can be found at the links below:
<http://www.highways.gov.uk/traffic/traffic.aspx>
<http://www.highways.gov.uk/knowledge/12773.aspx>
<http://www.dft.gov.uk/bgr/sustainable>
<http://www.dft.gov.uk/bgr/roads/environment/>