



6 Monitoring

6.0.1 During the implementation of the Local Transport Plan 2006-2011 monitoring of the actual environmental effects will be undertaken. This will not only allow for any significant environmental effects of the plan's implementation to be identified and dealt with early on. It will allow the actual effects of the plan to be tested against those predicted in the SEA, and can provide baseline information for future plans.

6.0.2 In order to assist in the monitoring of the effects of our LTP we have established a number of indicators which relate to our SEA objectives. Where possible we have established the baseline position for these indicators before the plan is implemented.

6.0.3 These SEA indicators have been integrated into the LTP as LTP local indicators, and will be reported on in LTP progress reports. The LTP indicators we will monitor for the purposes of the SEA are set out in Table 6.1

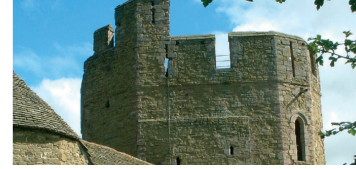
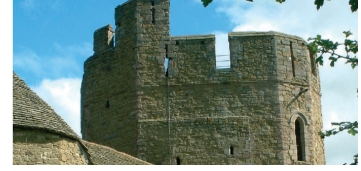


Table 6.1 LTP Indicators for SEA

Shropshire SEA topic	Objective	LTP Indicator	Baseline (year)	Target	Trend/ Likely evolution (without plan)	Data source
Local air quality	Reduce air pollution in line with National Air Quality Objectives	NO ₂ levels in Shrewsbury Town Centre AQMA	26-74 ug/m ³ (2004)	To reduce levels of NO ₂ to less than 40 ug/m ³ by 2010	Levels of NO ₂ still above 40 ug/m ³ threshold at some sites	Shrewsbury And Atcham Borough Council - Local Air Quality Management Further Assessment (Feb 2006)
		NO ₂ levels in Bridgnorth Town Centre AQMA	37-46 ug/m ³	To reduce levels of NO ₂ to less than 40 ug/m ³ by 2010	Levels of NO ₂ may still be above 40 ug/m ³ threshold	Bridgnorth District Council Local Air Quality Management Detailed Assessment Report Dec 2004
Greenhouse gases	To reduce greenhouse gas emissions	Number of vehicle km on stratified sample of Shropshire roads <i>(road mileage used as a proxy for CO₂ emissions)</i>	tbc	Maintain at or below the average rate of national traffic growth	Traffic levels increasing at a rate equal or greater than national trends	SCC traffic monitoring records
Landscape (visual and cultural impacts)	To protect and enhance the character of the landscape and minimise adverse development in particularly sensitive areas	Number of street lights replaced with modern lights emitting less light pollution	n/a	Implement a number of new lights	No improvements made	SCC records
Townscape and heritage	To protect, conserve and enhance the region's diverse historic environment and manage change in such a way that respects local character and distinctiveness and improves public realm	Number of a) Total vehicles b) HGVs on a sample of Shropshire roads in historic town centres	tbc	Reduce	Increasing levels	SCC surveys
		Number of town centre enhancement schemes undertaken to improve public realm	n/a	Implement a number of schemes	No improvements made	SCC records

Shropshire SEA topic	Objective	LTP Indicator	Baseline (year)	Target	Trend/ Likely evolution (without plan)	Data source
Biodiversity (flora and fauna), Soil & geology	To maintain and enhance the populations and natural ranges of species and the quality and extent of wildlife habitats and ecosystems in Shropshire To protect and improve soil quality and soil retention	The % area of land designated as a SSSI within the local authority area, which is found to be in favourable condition	27%	Increase		Audit Commission – Quality of life indicators 2005
Water resources, quality and flooding	To mitigate potentially adverse effects from new or extended development on water quality and water resources, and minimise the susceptibility of land use activities to flooding	River quality (chemical and biological) (% of river stretches in top two band (good and very good))	76% (2002)	Increase		Environment Agency
Human health and population - noise	To minimise noise levels	Percentage of respondents viewing road traffic as a problem.	26% (8% serious problem, 18% minor problem)	To reduce	Increase	People Panel Survey 2004
Human health and population - physical fitness	To protect and enhance human health	The levels of walking and cycling to school	46% primary walking and cycling 39% secondary walking and cycling (2003/04)	48% (2010/11) 40% (2010/11)	Reduction	SCC surveys
Human health and population - accidents	To reduce death and serious injury from accidents	Number of fatal and serious road accident casualties on Shropshire roads each year.	399 (1994-98 average)	50% reduction by 2010 (200 no.)	Increase	Police Records



Shropshire SEA topic	Objective	LTP Indicator	Baseline (year)	Target	Trend/ Likely evolution (without plan)	Data source
Human health and population - security	To reduce the fear of crime	Perception of road safety as a local problem	28% 2004	Reduction	Increase	Safer Shropshire partnership "Safety Survey"
Human health and population - accessibility	To enhance access to essential services	% of :- a) rural households b) rural households without access to a car able to access a town centre by public transport or demand responsive transport services that is available on a least two days per week	57 64	67 72	Decrease	SCC data
		% of :- a) all households b) all households without access to a car able to access a town centre within 45 mins by a public transport service which operates at least hourly on 6 days per week.	74 88	76 89	Decrease	SCC data
Material assets	To maximise efficient use of materials and greater use of recycled and waste materials	% of highways works by tonnage undertaken with recycled and secondary aggregates	tbc	Increase	No change	SCC data

