

5 MAINTENANCE STRATEGY & TRANSPORT ASSET MANAGEMENT PLANS

Maintenance Strategy and Transport Asset Management Plans	SEA Objectives													
	1. Conserve and enhance biodiversity	2. Adopt the principle of no net loss of designated habitats, and attach the highest priority to conserving and improving designated sites	3. Reduce the negative impacts of the transportation network on air quality	4. Introduce measures that minimise noise impacts on people and property	5. Improve road safety and make people feel safer when using all forms of transport	6. Reduce levels of transport-related crime and fear of crime	7. Improve access to key services and facilities using sustainable modes of transport wherever possible	8. Encourage healthier lifestyles through travel choice	9. Minimise the impact of the transport network on the quality and quantity of the County's water resources	10. Reduce the contribution of transportation to greenhouse gases	11. Preserve and enhance the County's landscapes and townscapes	12. Preserve or enhance the County's cultural heritage, including architectural and archaeological heritage	13. Preserve / promote those assets of economic value to an area	14. Promote regeneration in areas of low income and social exclusion
Sub-component/measure														
Safety and security measures	0	0	0	0	+	0/+	0/+	0/+	0/?	0	0/?	0/-/+	0	0
Improvement of street lighting levels	0	0	0	0	+	+/?	0	0	0	0	-/+	+/-	0	0
Improvements to condition of footways and cycleways	-/?	-/?	0	0	+	+/?	+/?	+	0	0	0	+/?	0	0
Maintenance of road surfaces, road markings, traffic signals and road drainage systems	0	0	0	+/?	+	0	0	0	+/?	0	0	0	0	0
Provision of dropped kerbs at crossings and removal of street clutter to facilitate accessibility of network by the mobility impaired	0	0	0	0	+	0	0	+	0	0	0	0	0	0

Maintenance Strategy and Transport Asset Management Plans	SEA Objectives													
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Winter maintenance measures														
Implementation of appropriate winter maintenance treatment for walkways and cycleways as well as for roads	-/?	-/?	0	0	+	0	+	+	-/?	0	0	0	0	0
Coordination of maintenance operations														0
e.g coordination of works on Quality Bus Corridors with works on adjoining streets and connecting footpaths	0	0	+/?	+/?	0	0	0	0	0	+	0	0	+	0
Use of low maintenance materials to reduce frequency of repair works required	0	0	+	+	0	0	0	0	0	+	0	0	+	0
Public Transport Maintenance	0	0	+	+	+	0	+	0	+	+	0	0	+	0

Maintenance Strategy and Transport Asset Management Plans	SEA Objectives													
	1. Conserve and enhance biodiversity	2. Adopt the principle of no net loss of designated habitats, and attach the highest priority to conserving and improving designated sites	3. Reduce the negative impacts of the transportation network on air quality	4. Introduce measures that minimise noise impacts on people and property	5. Improve road safety and make people feel safer when using all forms of transport	6. Reduce levels of transport-related crime and fear of crime	7. Improve access to key services and facilities using sustainable modes of transport wherever possible	8. Encourage healthier lifestyles through travel choice	9. Minimise the impact of the transport network on the quality and quantity of the County's water resources	10. Reduce the contribution of transportation to greenhouse gases	11. Preserve and enhance the County's landscapes and townscapes	12. Preserve or enhance the County's cultural heritage, including architectural and archaeological heritage	13. Preserve / promote those assets of economic value to an area	14. Promote regeneration in areas of low income and social exclusion
Continued development of quality products and services through maintenance contracts that include performance monitoring and penalty processes	0	0	+	+	+	0	+	0	+	+	0	0	+	0
Improved coordination and collaboration between contractors and district highways departments	0	0	+	+	+	0	+	0	+	+	0	0	+	0
Production of Transport Asset Management Plans	?	?	?	?	?	?	?	?	?	?	?	?	?	?

Key to perceived impacts: + positive; ++ very positive; - negative; ? unknown; 0- no impact

SEA Objective:	1. Conserve and enhance biodiversity		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects*	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Safety and Security Measures</i>	Local and county wide land bank	Potential for short term negative effects	Low degree of certainty	Minimise loss of or, damage to natural habitats e.g. trees, hedges	Qualitative assessment, workshop and professional judgement
<i>Winter Maintenance Measures</i>	Local and county-wide land bank	Potential for short to medium term negative effects eg. associated with salting	Medium to high degree of certainty	Assess risks to habitats, and take appropriate action to avoid adverse impact, in liaison with English Nature and/or the Environment Agency where appropriate.	Qualitative assessment, workshop and professional judgement
<i>Coordination of Maintenance Operations</i>	Local and county wide	No significant effects identified.	Medium to high degree of certainty..	No mitigation identified	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	Local and county wide	No significant effects identified.	Medium to high degree of certainty	No mitigation identified	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	Local and county wide	No significant effects identified	High degree of certainty	No mitigation identified	Qualitative assessment, workshop and professional judgement
<i>Production of Transport Asset Management Plans</i>	Local and county wide	No significant effects identified	Low degree of certainty – details of plans not available	No mitigation identified	Qualitative assessment, workshop and professional judgement
Qualitative summary	No significant effects anticipated however potential for short term negative affects during improvements to footways and cycleways. It is assumed that magnitude of potential effects would be minimised by adoption of appropriate best practice mitigation measures.			Assessment of significance	Low

SEA Objective:	2. Adopt the principle of no net loss of designated habitats, and attach the highest priority to conserving and improving designated sites		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	Local and county wide land bank – includes three cSACs in addition to SSSIs and other statutory and non-statutory designated sites	Potential for short term negative effects	Low degree of certainty – subject to	Where works may affect a cSAC, an Appropriate Assessment will be required. This applies to smaller works as well as to larger scale works.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	Local and county wide land bank	Potential for short term negative effects e.g. due to salting	Medium to high degree of certainty	Assess risk to natural habitats, including aquatic habitats, and take appropriate action to avoid adverse impact, in liaison with English Nature and/or the Environment Agency.	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	Local and county wide	No significant effects identified.	Medium to high degree of certainty..	No mitigation identified	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	Local and county wide	No significant effects identified.	Medium to high degree of certainty	No mitigation identified	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	Local and county wide	No significant effects identified	High degree of certainty	No mitigation identified	Qualitative assessment, workshop and professional judgement
<i>Production of Transport Asset Management Plans</i>	Local and county wide	No significant effects identified	Low degree of certainty – details of plans not available	No mitigation identified	Qualitative assessment, workshop and professional judgement
Qualitative summary	No significant effects anticipated however potential for short term negative affects during improvements to footways and cycleways. It's assumed that magnitude of potential effects would be minimised by adoption of appropriate best practice mitigation measures and statutory requirements.			Assessment of significance	Low

SEA Objective:	3. Reduce the negative impacts of the transportation network on air quality		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	County wide and transboundary air quality – impacts on human health	No significant effects identified.	Medium to high degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	County wide and transboundary air quality – impacts on human health	No significant effects identified.	Medium to high degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	County wide and transboundary air quality – impacts on human health	Potential positive effects through reduced times of maintenance works.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	County wide and transboundary air quality – impacts on human health	Potential positive effects through reduced times of maintenance works	Medium degree of certainty.	No mitigation identified	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	County wide and transboundary air quality – impacts on human health	Potential medium to long-term positive effects associated with regular maintenance and cleaner technologies.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Production of Transport Asset Management Plans</i>	County wide and transboundary air quality – impacts on human health	No significant effects identified	Low degree of certainty – details of plans not available	No mitigation identified	Qualitative assessment, workshop and professional judgement
Qualitative summary	Potential medium to long-term cumulative impacts associated with maintenance measures that reduce vehicle stock emissions and the amount of maintenance time of cycleways/ footways through materials used and coordination of works with other contractors/ highway departments.			Assessment of significance	Medium

SEA Objective:	4. Introduce measures that minimise noise impacts on people and property		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	Local noise impacts – quality of life.	No significant impacts anticipated, however potential short to long-term positive effects through maintained road surfaces.	Medium to high degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	Local noise impacts – quality of life.	No significant effects identified.	Medium to high degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	Local noise impacts – quality of life.	Potential positive effects through reduced times of maintenance works.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	Local noise impacts – quality of life.	Positive long-term effects associated with reduced time of maintenance and therefore less annoyance caused.	Medium degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	Local noise impacts – quality of life.	Positive short to medium effects associated with regular maintenance and cleaner technologies.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Production of Transport Asset Management Plans</i>	Local and county wide	No significant effects identified	Low degree of certainty – details of plans not available	No mitigation identified	Qualitative assessment, workshop and professional judgement
Qualitative summary	Potential positive medium to long term cumulative impacts associated with maintenance measures that reduce noise from vehicle stock and the amount of maintenance time of cycleways/ footways and coordination of works with other contractors/ highway departments.			Assessment of significance	Low

SEA Objective:	5. Improve road safety and make people feel safer when using all forms of transport		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	All areas – impacts on human health - safety	Positive short to long-term effects associated with improved lighting and maintenance of foot and cycle ways.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	All areas – impacts on human health - safety	Positive short to long-term effects associated with underfoot safety on pedestrian and cycle ways.	Medium to high degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	All areas – impacts on human health - safety	No significant effects identified..	Low to medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	All areas – impacts on human health - safety	No significant effects identified.	High degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	All areas – impacts on human health - safety	Potential short to long-term positive effects associated with vehicle and road maintenance.	Medium to high degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
Qualitative summary	Potential positive cumulative effects associated with improving condition of transport routes and vehicle stock, and ensuring maintenance of pedestrian and cycle routes.			Assessment of significance	Medium

SEA Objective:	6. Reduce levels of transport-related crime and fear of crime.		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	All areas – impacts on human health - safety	Potential short to long term positive effects subject to measures to design out crime, e.g. improved lighting, urban design principles.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	All areas – impacts on human health - safety	No significant effects identified.	High degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	All areas – impacts on human health - safety	No significant effects identified.	High degree of certainty.	No mitigation identified	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	All areas – impacts on human health - safety	No significant effects identified.	High degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	All areas – impacts on human health - safety	No significant effects identified.	High degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Production of Transport Asset Management Plans</i>	All areas – impacts on human health - safety	No significant effects identified.	High degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
Qualitative summary	Potential positive cumulative effects associated with measures to design out crime and to alleviate perceived fear of crime.			Assessment of significance	Low

SEA Objective:	7. Improve access to key services and facilities using sustainable modes of transport wherever possible		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	Urban and non-urban communities. Impacts on accessibility, communities and quality of life	No significant effects identified. However potential short to long term benefits through foot and cycle way improvement.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	Urban and non-urban communities. Impacts on accessibility, communities and quality of life	Potential benefits associated with improved accessibility along foot and cycle routes during winter.	Medium degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	Urban and non-urban communities. Impacts on accessibility, communities and quality of life	No significant effects identified.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	Urban and non-urban communities. Impacts on accessibility, communities and quality of life	No significant effects identified.	High degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	Urban and non-urban communities. Impacts on accessibility, communities and quality of life	Short to long term benefits associated with improved services.	Medium to high degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Production of Transport Asset Management Plans</i>	Urban and non-urban communities. Impacts on accessibility, communities and quality of life	No significant effects identified.	High degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
Qualitative summary	Potential positive cumulative effects associated with measures to improve footways and cycleways and ensuring their maintenance, and through improved public transport services.			Assessment of significance	Medium

SEA Objective:	8. Encourage healthier lifestyles through travel choice		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	Urban and non-urban communities	Potential short to long term benefits through the improvement of foot/cycle ways for the mobility impaired.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	Urban and non-urban communities	Potential benefits associated with improved accessibility to cycle/footways during winter.	Medium degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	Urban and non-urban communities	No significant effects identified.	Medium to high degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	Urban and non-urban communities	No significant effects identified.	High degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	Urban and non-urban communities	No significant effects identified.	High degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Production of Transport Asset Management Plans</i>	Urban and non-urban communities	No significant effects identified.	High degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
Qualitative summary	Potential positive cumulative effects associated with measures to improve and maintain foot/cycle ways, therefore encouraging use.			Assessment of significance	Medium

SEA Objective:	9. Minimise the impact of the transport network on the quality and quantity of the County's water resources.		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	County-wide water resources, including major aquifers, rivers, supplying major conurbations and smaller settlements. Several designated nature conservation sites associated with aquatic habitats.	No significant effects identified. However potential benefits associated with maintained road drainage systems.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	County-wide water resources, including major aquifers, rivers, supplying major conurbations and smaller settlements. Several designated nature conservation sites associated with aquatic habitats.	Potential short term negative effects associated with run-off of salts from walkways, cycleways and roads.	Medium degree of certainty	Assess risk to water courses and aquatic habitats and take appropriate action, in liaison with advice from the Environment Agency where appropriate..	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	County-wide water resources, including major aquifers, rivers, supplying major conurbations and smaller settlements. Several designated nature conservation sites associated with aquatic habitats.	No significant effects identified.	Medium to high degree of certainty.	No mitigation identified	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	County-wide water resources, including major aquifers, rivers, supplying major conurbations and smaller settlements. Several designated nature conservation sites associated with aquatic habitats.	No significant effects identified.	High degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	County-wide water resources, including major aquifers, rivers, supplying major conurbations and smaller settlements. Several designated nature conservation sites associated with aquatic habitats.	Potential benefits associated with improved maintenance and reduced risk of pollution incidents occurring, particularly at transport depots.	High degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Production of Transport Asset Management Plans</i>	County-wide water resources, including major aquifers, rivers, supplying major conurbations and smaller settlements. Several designated nature conservation sites associated with aquatic habitats.	No significant effects identified	Low degree of certainty – details of plans not available	No mitigation identified.	
Qualitative summary	Potential localised positive and negative effects associated with maintenance .			Assessment of significance	Low to medium

SEA Objective:	10. Reduce the contribution of transportation to greenhouse gases		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	Regional air quality – impacts on climate	No significant effects identified.	High degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	Regional air quality – impacts on climate	No significant effects identified.	High degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	Regional air quality – impacts on climate	Potential benefits through the possible reduction in roadwork times and associated congestion levels..	Low to medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	Regional air quality – impacts on climate	No significant effects identified.	Medium to high degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	Regional air quality – impacts on climate	Potential medium to long-term positive effects associated with regular maintenance and cleaner technologies.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Production of Transport Asset Management Plans</i>	Regional air quality – impacts on climate	No significant effects identified.	Medium to high degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
Qualitative summary	Potential medium to long-term cumulative impacts associated with maintenance measures that reduce vehicle stock emissions and the amount of maintenance time of cycleways/ footways through materials used and coordination of works with other contractors/ highway departments.			Assessment of significance	Low to medium

SEA Objective:	11. Preserve and enhance the County's landscapes and townscapes		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	County wide landscape/townscape – rural/urban	No significant effects identified. However, potential negative impacts from street lighting.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	County wide landscape/townscape – rural/urban	No significant effects identified.	High degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	County wide landscape/townscape – rural/urban	No significant effects identified.	Medium to high degree of certainty.	No mitigation identified	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	County wide landscape/townscape – rural/urban	No significant effects identified.	High degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	County wide landscape/townscape – rural/urban	No significant effects identified.	High degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
Qualitative summary	No significant effects identified however potential negative impacts from street lighting.			Assessment of significance	Low

SEA Objective:	12. Preserve or enhance the County's cultural heritage, including architectural and archaeological heritage		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	Urban and rural built heritage and buried archaeology	Potential positive and negative effects associated with measures such as street lighting	Low to medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	Urban and rural built heritage and buried archaeology	No significant effects identified.	High degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	Urban and rural built heritage and buried archaeology	Potential benefits through reduced frequency of works that may affect setting of cultural assets	Medium degree of certainty – subject to locations and nature of works required	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	Urban and rural built heritage and buried archaeology	Potential benefits through reduced frequency of works that may affect setting of cultural assets. .	Medium degree of certainty – subject to locations and nature of works required	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	Urban and rural built heritage and buried archaeology	No significant effects identified.	High degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Production of Transport Asset Management Plans</i>	Urban and rural built heritage and buried archaeology	No significant effects identified.	High degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
Qualitative summary	No anticipated significant effects, however possible positive and negative effects associated with physical measures such as improved street lighting, additional street furniture. Potential benefits associated with reduced frequency of works in vicinity of cultural heritage assets.			Assessment of significance	Low to medium

SEA Objective:	13. Preserve those assets of economic value to a area		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	County wide employment areas, including commercial, industrial, agricultural, tourism, service industries and transport service provision	No significant effects identified.	Medium to high degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	County wide employment areas, including commercial, industrial, agricultural, tourism, service industries and transport service provision	No significant effects identified.	High degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	County wide employment areas, including commercial, industrial, agricultural, tourism, service industries and transport service provision	Potential benefits due to reducing time and money wasted through congestion.	Low to medium degree of certainty.	No mitigation identified	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	County wide employment areas, including commercial, industrial, agricultural, tourism, service industries and transport service provision	Potential positive effects subject associated with low maintenance materials.	Low to medium degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	County wide employment areas, including commercial, industrial, agricultural, tourism, service industries and transport service provision	Potential benefits associated with improved services through maintenance.	Medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Production of Transport Management Plans</i>	County wide employment areas, including commercial, industrial, agricultural, tourism, service industries and transport service provision	Potential benefits due to more effective allocation of monetary assets	Low to medium degree of certainty – details of plans not known.	No mitigation identified	Qualitative assessment, workshop and professional judgement
Qualitative summary	Potential positive effects associated with road works/ maintenance reduction and service improvements and maintenance.			Assessment of significance	Medium

SEA Objective:	14. Promote regeneration in areas of low income and social exclusion		Worksheet completed by and date:	Scott Wilson June 2005	
Plan strategic alternative or subcomponent	Description of value and vulnerability of the area likely to be affected	Description of the magnitude of the effects	Level of certainty (high/medium/low) and associated comments	Description of mitigation and its implementation	Description of how the judgement was reached
Maintenance Strategy and TAMP					
<i>Security and safety measures</i>	Former coalfields areas, rural areas and deprived urban areas	Potential positive effects associated with improved street lighting and improved cycle/foot ways.	Low to medium degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Winter maintenance measures</i>	Former coalfields areas, rural areas and deprived urban areas	Potential benefits by improving / maintaining accessibility during poor weather conditions	Medium degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Coordination of maintenance operations</i>	Former coalfields areas, rural areas and deprived urban areas	No significant effects identified.	High degree of certainty.	No mitigation identified	Qualitative assessment, workshop and professional judgement
<i>Use of low maintenance materials to reduce frequency of repair works required</i>	Former coalfields areas, rural areas and deprived urban areas	No significant effects identified.	High degree of certainty	No mitigation identified.	Qualitative assessment, workshop and professional judgement
<i>Public transport maintenance</i>	Former coalfields areas, rural areas and deprived urban areas	Potential benefits associated with increasing accessibility and reducing social exclusion.	Medium to high degree of certainty.	No mitigation identified.	Qualitative assessment, workshop and professional judgement
Production of Transport Management Plans	Former coalfields areas, rural areas and deprived urban areas	Potential benefits through improved allocation of resources to more deprived or outlying areas.	Low degree of certainty – details of plans not available	No mitigation identified.	Qualitative assessment, workshop and professional judgement
Qualitative summary	Potential positive effects associated with safety and security measures and the increasing of accessibility for low income and outlying areas leading to reduced social exclusion.			Assessment of significance	Medium