

## A1(M) Junction 53 Scotch Corner

Table 5-9: Summary of preliminary assessment of likely significant environmental effects – A1(M) Junction 53 Scotch Corner

Factor	Preliminary assessment of likely significant environmental effects	
	Construction stage	Operation stage
Air Quality	<ul style="list-style-type: none"> <li>Preliminary assessment for air quality has been undertaken on the basis of the whole route (see route wide table above).</li> </ul>	<ul style="list-style-type: none"> <li>Preliminary assessment for air quality has been undertaken on the basis of the whole route (see route wide table above).</li> </ul>
Biodiversity	<ul style="list-style-type: none"> <li>There is the potential for significant adverse effects on habitats (Deciduous woodland, Hedgerow and Poor semi-improved grassland) due to loss of mature woodland). Subject to ongoing design and mitigation.</li> </ul>	<ul style="list-style-type: none"> <li>There is the potential for significant adverse effects on habitats (Deciduous woodland, Hedgerow and Poor semi-improved grassland) due to loss of mature woodland). Subject to ongoing design and mitigation.</li> </ul>
Climate	<ul style="list-style-type: none"> <li>No likely significant effects anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No likely significant effects anticipated.</li> </ul>
Cultural Heritage	<ul style="list-style-type: none"> <li>No likely significant effects anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No likely significant effects anticipated.</li> </ul>
Geology and Soils	<ul style="list-style-type: none"> <li>No likely significant effects anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No likely significant effects anticipated.</li> </ul>
Landscape and Visual Effects	<ul style="list-style-type: none"> <li>No likely significant effects anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No likely significant effects anticipated at year 1 or year 15.</li> </ul>
Material Assets and Waste	<ul style="list-style-type: none"> <li>Preliminary assessment for material assets and waste has been undertaken on the basis of the whole route (see route wide table above).</li> </ul>	<ul style="list-style-type: none"> <li>Preliminary assessment for material assets and waste has been undertaken on the basis of the whole route (see route wide table above).</li> </ul>

Factor	Preliminary assessment of likely significant environmental effects	
	Construction stage	Operation stage
Noise and Vibration	<ul style="list-style-type: none"> <li>• There is potential for significant effects across the scheme. Effects will be temporary and localized depending on the specific activity and construction stage.</li> <li>• The location and duration of these effects are yet to be determined and are subject to further assessment and mitigation design.</li> </ul>	<ul style="list-style-type: none"> <li>• Significant adverse effects are predicted to 12 residential receptors one non-residential receptors. Subject to on-going mitigation design and further assessment.</li> </ul>
Population and Human Health	<ul style="list-style-type: none"> <li>• Strategic Direction of Growth Area – Scotch Corner Designer Outlet Village – potential for significant effects related to disruption of access to this site during construction cannot be ruled out at this stage.</li> <li>• Local residents – potentially negative effects from temporary traffic delays affecting access from rural communities to Middleton Tyas.</li> <li>• Rural communities – potentially negative health effect due to severance caused by construction activities and traffic, leading to reduced access to services and facilities.</li> </ul>	<ul style="list-style-type: none"> <li>• Moderate beneficial effects for the Strategic Direction of Growth Area – Scotch Corner Designer Outlet Village.</li> <li>• Rural communities - potentially positive health effect due to improved access to community facilities resulting from improved traffic flows on the A66.</li> </ul>
Road Drainage and the Water Environment	<ul style="list-style-type: none"> <li>• No likely significant effects anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>• No likely significant effects anticipated.</li> </ul>