

A57 Link Roads

TR010034

**9.31 Environmental Statement
Chapter 16 Summary (Tracked)**

Rule 8(1)(k)

Planning Act 2008

Infrastructure Planning (Examination Procedure) Rules 2010

January 2022

Infrastructure Planning Planning Act 2008

Infrastructure Planning (Examination Procedure) Rules 2010

A57 Link Roads

Development Consent Order 202[x]

9.31 ENVIRONMENTAL STATEMENT CHAPTER 16 SUMMARY (Tracked)

Regulation Number	Rule 8(1)(k)
Planning Inspectorate Scheme Reference	TR010034
Application Document Reference	TR010034/APP/9.31
Author	A57 Link Roads Project Team, National Highways

Version	Date	Status of Version
Rev 1.0	January 2022	Deadline 2

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16. Summary

- 16.1.1 This chapter presents a high-level summary of the significant residual effects of the Scheme from each of the assessments in the preceding environmental topic chapters (Chapters 5 to 15). This is presented within Table 16-1 of this chapter.

Table 16-1 Summary of significant residual environmental effects during construction and operation

Chapter	Summary of significant residual environmental effects	
	Construction	Operation
Chapter 5: Air quality	No significant effects.	No significant effects
Chapter 6: Cultural heritage	<p>There would be a Temporary moderate adverse effect on setting of the following receptors:</p> <ul style="list-style-type: none"> • Dial House • Ivydene, Mottram Old Hall • Dial Cottage • Tara Brook Farm 	<p>There would be a Moderate adverse effect on the setting of Tara Brook Farm</p>
Chapter 7: Landscape and visual effects	<p>Landscape receptors:</p> <p>There would be a Temporary large adverse effect on the following landscape character areas</p> <ul style="list-style-type: none"> • SLLCA 4: Etherow Valley Pasture SLLCA • SLLCA 3: Mottram Moor Pasture • SLTCA 3: Mottram Spout Green <p>There would be a Temporary moderate adverse effect on the following landscape character areas</p> <ul style="list-style-type: none"> • SLTCA 5: Mottram Moor • Dark Peak Western Fringe (DPWF) LCA (Peak District National Park 2009) • DPWF - Valley Pastures with Industry LCT (Peak District National Park 2009) • DPWF - Riverside Meadows LCT (Peak District National Park 2009) • Riverside Meadows LCT (Derbyshire County Council 2013-2014 and High Peak Borough Council 2006) 	<p>Landscape receptors:</p> <p>There would be a Moderate adverse effect on the following landscape character areas. These would reduce to a non-significant effect at Year 15 operation.</p> <ul style="list-style-type: none"> • Riverside Meadows LCT (Derbyshire County Council 2013-2014 and High Peak Borough Council 2006) – reducing to a non-significant effect at Year 15 operation • SLLCA 1: Harrop Edge Valley Pasture - reducing to a non-significant effect at Year 15 operation • SLLCA 3: Mottram Moor Pasture - reducing to a non-significant effect at Year 15 operation • SLLCA 4: Etherow Valley Pasture SLLCA - reducing to a non-significant effect at Year 15 operation • SLTCA 3: Mottram Spout Green - reducing to a non-significant effect at Year 15 operation • SLTCA 5: Mottram Moor – reducing to a non-significant effect at Year 15 operation <p>Visual Receptors:</p>

Chapter	Summary of significant residual environmental effects	
	Construction	Operation
	<ul style="list-style-type: none"> • <u>Riverside Meadows LCT (Derbyshire County Council 2013 and High Peak Borough Council 2006)</u> • <u>SLLCA 1: Harrop Edge Valley Pasture</u> • <u>SLTCA 5: Mottram Moor</u> • SLLCA 1: Harrop Edge Valley Pasture <p>Visual Receptors:</p> <p>There would be a Temporary very large adverse effect on the following visual receptors (to be read in conjunction with Figure 7.8 (TR010034/APP/6.4))</p> <ul style="list-style-type: none"> • V-R-13 – View from Old Hall Lane • V-R-14 - Old Road • V-R-15 - Old Road, and Old Hall Lane • V-P-06 - PRoW LON/35 <p>There would be a Temporary large adverse effect on the following visual receptors (to be read in conjunction with Figure 7.8 (TR010034/APP/6.4)).</p> <ul style="list-style-type: none"> • V-R-01 - Grange Farm • V-R-02 - Farmstead on Edge Lane • V-R-03, V-R-04 - Edge Lane • V-R-12 - Old Road and Tollemache Close • V-R-17 - V-R-17-1 V-R-18 - Four Lanes • V-R-26 - Hyde Road • V-R-36, V-R-37 - Mottram Moor • V-R-49 - Tara Brook Farm • V-P-01, V-P-01-1 - PRoW DUK/1 • V-P-02 - PRoW LON/46 	<p>There would be a Large adverse effect on the following visual receptors (to be read in conjunction with Figure 7.8 (TR010034/APP/6.4)). These would reduce to a Moderate adverse effect at Year 15 operation.</p> <ul style="list-style-type: none"> • V-R-12 - Old Road and Tollemache Close • V-R-13 - Old Hall Lane • V-R-14 - Old Road • V-R-15 - Old Road, and Old Hall Lane • V-P-02-2 - PRoW LON/50 • V-P-03, V-P-03-1 - PRoW LON/51 • V-P-04 - PRoW LON/52 • V-P-06 - PRoW LON/35 • <u>V-P-12 - PRoW LON/90 / Etherow- Goyt Valley Way and Tameside Trail, and LON/92</u> <p><u>There would be a Moderate adverse effect on the following visual receptors (to be read in conjunction with Figure 7.8 (TR010034/APP/6.4)). These would remain as Moderate adverse effect at Year 15 operation.</u></p> <ul style="list-style-type: none"> • <u>V-R-18 - Four Lanes</u> • <u>V-R-49 - Tara Brook Farm</u> <p>There would be a Moderate adverse effect on the following visual receptors (to be read in conjunction with Figure 7.8 (TR010034/APP/6.4)). These would reduce to a non-significant effect at Year 15 operation.</p> <ul style="list-style-type: none"> • V-R-01 - Grange Farm • V-R-02 - Farmstead on Edge Lane

Chapter	Summary of significant residual environmental effects	
	Construction	Operation
	<ul style="list-style-type: none"> • V-P-02-1, V-P-02-2 PRoW LON/50 • V-P-02-3, V-P-02-4, V-P-02-5, V-P-02-6 • PRoW LON/46 • V-P-03, V-P-03-1 - PRoW LON/51 • V-P-04, V-P-04-1 - PRoW LON/52 • V-P-05-1 - PRoW LON/108 • <u>V-P-06</u>, V-P-06-1 - PRoW LON/35 • V-P-08, V-P-08-1 - PRoW LON/87 • <u>V-P-09-1</u> - PRoW LON/86 • <u>V-P-12 - PRoW LON/90/Etherow - Goyt Valley Way and Tameside Trail, and LON/92</u> • V-P-12 - PRoW LON/90/ • Etherow - Goyt Valley Way and Tameside Trail, and LON/92 • V-P-13-2 - PRoW HP12/72/3 • V-O-10-1 - Melandra Castle <p>There would be a Temporary moderate adverse effect on the following visual receptors (to be read in conjunction with Figure 7.8 (TR010034/APP/6.4)).</p> <ul style="list-style-type: none"> • V-R-16 - Old Road and Back Moor • V-R-20 - Lodge Court • V-R-21 - Mottram Old Hall • V-R-38 - Carrhouse Lane • <u>V-R-40 - Carrhouse Farm</u> • <u>V-R-42 - Nettle Hall (and properties on Coach Road)</u> • V-R-42 - Nettle Hall (and 	<ul style="list-style-type: none"> • V-R-03, V-R-04 - Edge Lane • V-R-17, V-R-17-1, V-R-18 - Four Lanes • V-R-21 - Mottram Old Hall • V-R-26 - Hyde Road • V-R-36, V-R-37 - Mottram Moor • V-R-38 - Carrhouse Lane • V-R-42 - Nettle Hall (and properties on Coach Road) • V-R-49 - Tara Brook Farm • V-P-01, V-P-01-1 - PRoW DUK/1 • V-P-02 - PRoW LON/46 • <u>V-P-02-1</u> - PRoW LON/50 • <u>V-P-02-2 - PRoW LON/50-</u> • V-P-02-3, V-P-02-4, V-P-02-5, V-P-02-6 - PRoW LON/46 • V-P-04-1 - PRoW LON/52 • V-P-05-1 - PRoW LON/108, Coach Road • V-P-06-1 - PRoW LON/35 • V-P-08, V-P-08-1 - PRoW LON/87 • V-P-09, V-P-09-1 - PRoW LON/86 • V-P-10 - PRoW LON/93 • V-P-11-2 - PRoW LON/88 • V-P-12-2 - PRoW LON/90 / Etherow- Goyt Valley Way and Tameside Trail • V-P-13 - PRoW HP12/175/5, and Pennine Bridleway / Trans Pennine Trail (NCN Route 62) • V-P-13-2 - PRoW HP12/72/3 • V-T-04-1 - A6108 Roe Cross Road

Chapter	Summary of significant residual environmental effects	
	Construction	Operation
	<ul style="list-style-type: none"> • properties on Coach Road • V-R-50, V-R-53- Woolley Lane (A57) • V-P-09, V-P-09-2 - PRoW LON/86 • V-P-10 - PRoW LON/93 • V-P-10-1 - PRoW LON/92 • V-P-11-1, V-P-11-2 - PRoW LON/88 • V-P-12-1, V-P-12-2 - PRoW LON/90 / <u>Etherow-Goyt Valley Way and Tameside Trail</u> • V-P-12-3 - PRoW LON/91 • V-P-13 - PRoW HP12/175/5, and Pennine Bridleway / Trans Pennine Trail (NCN Route 62) • V-T-01 - M67 / A57 / A560 roundabout junction • V-T-04-1 - A6108 Roe Cross Road • V-T-05 - Back Moor • V-T-06 - Old Road • V-T-07 - Old Hall Lane • V-O-06 - St Michaels and All Angels Church Cemetery • V-O-11 - Woolley Lane • V-O-16 - Mottram Moor • V-O-17 - Roe Cross Road 	<ul style="list-style-type: none"> • V-T-07 - Old Hall Lane • V-O-06 - St Michaels and All Angels Church Cemetery • V-O-10-1 - Melandra Castle
Chapter 8: Biodiversity	No significant effects.	No significant effects.
Chapter 9: Geology and soils	No significant effects.	No significant effects.
Chapter 10: Material assets and waste	No significant effects.	N/A - scoped out

Chapter	Summary of significant residual environmental effects	
	Construction	Operation
Chapter 11: Noise and vibration	<p>There would be a Temporary significant adverse daytime construction noise effect to 6 residential receptors, including</p> <ul style="list-style-type: none"> • Three properties at Four Lanes • Two properties at Old Road • One property at Tollemache Close 	<p>There are 357-362 dwellings and 9 other sensitive receptors identified as having a Significant beneficial effect.</p> <ul style="list-style-type: none"> • These dwellings are located along Mottram Moor, Woolley Lane, Market Street, Hyde Road, Ford Grove and John Kennedy Road. <p>A total of 426-128 dwellings and 2 other sensitive receptors have been identified as having a Significant adverse effect due to the Scheme</p> <ul style="list-style-type: none"> • 20-21 dwellings on Ash Close <u>and Four Lanes</u> • <u>8 dwellings on Edge Lane</u> • 24-35 dwellings and 2 other sensitive receptors on Tollemache Close, <u>Tollemache Road</u>, Old Hall Lane, Old Hall Close and Old Road • 50 dwellings on Market Street, Back Lane and Temperance Square • 5 dwellings on Carrhouse Lane and Woolley Lane • 9 dwellings along Woolley Bridge, including one farmhouse, which would also Potentially qualify for an offer of noise insulation
Chapter 12: Population and human health	<p>There would be a Temporary large adverse effect predicted for the following wider determinants of health</p> <ul style="list-style-type: none"> • Private property and housing (permanent loss/demolition of residents) • Development land and business (loss of business and land) • Active travel (temporary diversion/ loss / closure of Public Rights of Way) • Private property and housing (loss of garages and outbuildings) 	<p>Although no significant effects have been predicted in Chapter 12: Population and Human Health, a number of health outcomes have been predicted against each of the wider health determinants during operation in line with DMRB LA 112. These are summarised below.</p> <p>It is predicted that there be Negative health outcomes for the following wider determinants of health during operation:</p> <ul style="list-style-type: none"> • Natural environment - soil and water pollution

Chapter	Summary of significant residual environmental effects	
	Construction	Operation
	<ul style="list-style-type: none"> • Agricultural land holdings (severance and/ or land-take) <p>Although no significant effects have been predicted for health outcomes in line with DMRB LA 112¹, a number of health outcomes have been predicted against each of the wider health determinants during operation. These are summarised below.</p> <p>There are Negative health outcomes predicted for the following wider determinants of health during construction:</p> <ul style="list-style-type: none"> • Natural environment - air pollution and soil and water pollution • Built environment - safety / risk of injuries and death • Activities – housing, transport options and active travel • Landscape - landscape amenity • Local economy - development land and business and agricultural land holdings • Community - education, healthcare services and other community facilities, open space, recreation and leisure-time activities, social cohesion and lifetime neighbourhoods • Lifestyle Noise pollution and vibration <p>There are no Positive health outcomes predicted during construction.</p>	<ul style="list-style-type: none"> • Built environment - safety / risk of injuries and death • Landscape - landscape amenity <p>It is predicted that there be Positive health outcomes for the following wider determinants of health during operation:</p> <ul style="list-style-type: none"> • Natural environment - air pollution • Activities –transport options and active travel • Local economy - development land and business • Community - education, healthcare services and other community facilities, open space, recreation and leisure-time activities, social cohesion and lifetime neighbourhoods <p>It is predicted that there would be both Positive and Negative health outcomes for the following wider determinants of health during operation:</p> <ul style="list-style-type: none"> • Lifestyle Noise pollution and vibration
Chapter 13: Road drainage and the water environment	No significant effects.	No significant effects.

¹ In accordance with DMRB LA 112, significant effects are not reported on for health outcomes. Although Table 16-1 only aims to summarise residual significant effects for each environmental topic, Positive and Negative effects on health outcomes as a result of the Scheme during construction and operation have still been reported.

Chapter	Summary of significant residual environmental effects	
	Construction	Operation
Chapter 14: Climate	No significant effects.	No significant effects.
Chapter 15: Cumulative effects	<p>Different project effects: No significant effects.</p> <p>Single project effects: There would be a Temporary large adverse effect as a result of noise and visual impacts at the following receptors</p> <ul style="list-style-type: none"> Residential properties along Four Lanes in proximity to the construction of Mottram underpass A property at Tollemache Close in proximity to the construction of Mottram underpass 	<p>Different project effects: No significant effects</p> <p>Single project effects: There would be a Moderate adverse effect as a result of noise and visual impacts at the following receptors</p> <ul style="list-style-type: none"> Tara Brook Farm Properties on Old Road in proximity to Mottram Underpass Properties along Tollemache Close in proximity to Mottram Underpass

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Registered office Bridge House, 1 Walnut Tree Close, Guildford GU1 4LZ
National Highways Limited registered in England and Wales number