

A57 Link Roads TR010034 Environmental Statement Chapter 16 Summary

APFP Regulation 5(2)(a)

Planning Act 2008 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009



Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

A57 Link Roads Scheme

Development Consent Order 202[x]

6.3 ENVIRONMENTAL STATEMENT

CHAPTER 16 SUMMARY

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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 	There would be a Moderate adverse effect on the setting of Tara Brook Farm
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 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 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"> Riverside Meadows LCT (Derbyshire County Council 2013 and High Peak Borough Council 2006) 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 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 	<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 V-P-12 - PRoW LON/90 / Etherow- Goyt Valley Way and Tameside Trail, and LON/92 <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 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

Chapter	Summary of significant residual environmental effects	
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	<ul style="list-style-type: none"> • 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 • V-P-06-1 - PRoW LON/35 • V-P-08, V-P-08-1 - PRoW LON/87 • V-P-09-1 - PRoW LON/86 • 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 • V-R-40 - Carrhouse Farm • V-R-42 - Nettle Hall (and 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 	<ul style="list-style-type: none"> • Road) • V-R-49 - Tara Brook Farm • V-P-01, V-P-01-1 - PRoW DUK/1 • V-P-02 - PRoW LON/46 • V-P-02-1 - PRoW LON/50 • 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 • V-T-07 - Old Hall Lane • V-O-06 - St Michaels and All Angels Church Cemetery • V-O-10-1 - Melandra Castle

Chapter	Summary of significant residual environmental effects	
	Construction	Operation
	<ul style="list-style-type: none"> • V-P-12-1, V-P-12-2 - PRoW LON/90 / • Etherow- Goyt Valley Way and Tameside Trail • 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 	
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 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 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 126 dwellings and 2 other sensitive receptors have been identified as having a Significant</p>

Chapter	Summary of significant residual environmental effects	
	Construction	Operation
		<p>adverse effect due to the Scheme 8 dwellings on Edge Lane</p> <ul style="list-style-type: none"> • 20 dwellings on Ash Close • 24 dwellings and 2 other sensitive receptors on Tollemache Close, 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) • 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</p>	<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 • 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>

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
	<p>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"> • 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.
Chapter 14: Climate	No significant effects.	No significant effects.
Chapter 15: Cumulative effects	<p>Different project effects: No significant effects.</p>	<p>Different project effects: No significant effects</p>

Chapter	Summary of significant residual environmental effects	
	Construction	Operation
	<p>Single project effects:</p> <p>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>Single project effects:</p> <p>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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