

## Staffordshire County Council Cost Benefit Summary

### Sensitivity Factors

Risk & Optimism Bias Factor	38%
Discount Factor	3.50%
Years to Discount	8
% Reduction in roadworks	5.00%

### Benefits

Quantified Annual Repeat Benefits (2010 Prices)	Adjusted Annual Benefit
Consumer User Benefits (£)	£7,109,535
Business User Benefits (£)	£4,861,149
Accident Benefits (£)	-£22,611
Fuel Carbon Emission Benefits (£)	-£2,638
Indirect Tax Revenue Benefits (£)	-£639,010
Subtotal Quantified Annual Repeat Benefits (2010 Prices)	£11,306,425
Annual Repeat Permit Fee Income (2010 Prices)	£995,723
Present Value of Benefits (2010 Prices)	£12,302,148
<b>Net Present Value of Benefits (25 Years Operation)</b>	<b>£202,758,038</b>

### One off Implementation Costs (2010 prices, inc Risk & Optimism Bias)

Staff costs	£23,435
Capital	£7,323
ICT / Software	£29,294
Support	£81,291
Sub-total one-off costs (inc Risk & Optimism bias)	£141,343
<b>Present Value of one-off costs (2010 prices)</b>	<b>£141,343</b>

### Annual Repeat Costs (2010 prices)

Operating Costs (ICT)	£44,578
Operating Costs (Vehicles and other)	£60,432
Operating staff costs (Statutory Undertaker Works)	£1,383,271
Operating staff costs (Highways Works)	£576,132
Subtotal Annual Repeat Costs including NO Risk & Optimism Bias	£2,064,413
<b>Present Value of Annual Repeat Costs (2010 Prices)</b>	<b>£34,024,660</b>

### Summary

Net Present Value of Benefits	£202,758,038
Net Present Value of all Costs	£34,166,003
Net Present Value of Permit Scheme	£168,592,036
<b>Benefit to Cost Ratio</b>	<b>5.93</b>