

RIS2 schemes	User emissions over 60 years (tCO2e)	Construction emissions (from Environmental Statements, EAR and PEIR where available)
North		
A1 Morpeth to Ellingham	<u>1,378,282</u>	<u>59,000</u>
A19 Down Hill Lane	<u>25,684</u>	<u>7,075</u>
A1 Birtley to Coal House (stage 3)	<u>250,456</u>	<u>165,559</u>
A66 Northern Trans-Pennine	<u>2,986,043</u>	<u>1,400,052</u>
A585 Windy Harbour to Skippool	<u>311,225</u>	<u>22,574</u>
M62 Junctions 20 - 25 (Smart Motorway)	<u>1,350,786</u>	
M60/M62/M66 Simister Island (Option A2)	<u>526,935</u>	
M6 Junctions 21A-26 (Smart Motorway)	<u>4,104,829</u>	<u>450,918</u>
A61 Westwood Roundabout		
A5036 Princess Way (Port of Liverpool Access)	<u>555,232</u>	
Mottram Moor Link Road & A57 Link Road	<u>284,977</u>	<u>38,970</u>
M56 Junctions 6 - 8 (Smart Motorway)	<u>361,381</u>	
M6 Junction 19	<u>93,048</u>	
Midlands		
A46 Newark Bypass		
A38 Derby Junctions	<u>148,455</u>	<u>130,858</u>
M54-M6 Link Road	<u>1,956,000</u>	<u>81,890</u>
A5 Dodwells to Longshoot (cancelled)		
M42 Junction 6	<u>611,513</u>	<u>176,686</u>
A46 Coventry Junctions	<u>730,881</u>	<u>14,790</u>
M40 / M42 interchange (Smart Motorway)	<u>1,375,681</u>	

East

A47 North Tuddenham to Easton	<u>508,203</u>	<u>87,727</u>
A47 Blofield to North Burlingham	<u>132,017</u>	<u>25,765</u>
A47 Great Yarmouth Junctions	<u>6,720</u>	
A47 Thickthorn Junction	<u>136,725</u>	<u>25,946</u>
A47 Guyhirn Junction	<u>27</u>	
A47 Wansford to Sutton	<u>61,306</u>	<u>19,823</u>
A428 Black Cat to Caxton Gibbet	<u>3,313,499</u>	<u>208,380</u>
A5 Towcester Relief Road	<u>-933</u>	
A1(M) Junctions 6 - 8 (Smart Motorway) - paused	<u>79,285</u>	
A12 Chelmsford to A120	<u>1,350,926</u>	
M11 Junction 7a	<u>350,143</u>	
M25 Junction 25	<u>29,000</u>	
M25 Junction 28	<u>38,466</u>	<u>36,954</u>
Lower Thames Crossing	<u>3,200,000</u>	<u>2,000,000</u>

South and West

A417 Air Balloon (Missing Link)	<u>902,895</u>	<u>74,114</u>
M25 10 – 16 (Smart Motorway)	<u>-1,208,214</u>	
A2 Bean and Ebbsfleet	<u>53,331</u>	<u>12,167</u>
M2 Junction 5	<u>174,915</u>	<u>44,488</u>
M25 Junction 10	<u>208,627</u>	<u>92,367</u>
A303 Amesbury to Berwick Down (Stonehenge)	<u>1,955,509</u>	<u>466,903</u>
M3 Junction 9	<u>534,628</u>	
A303 Sparkford to Ilchester	<u>631,167</u>	<u>10,414</u>
M3 9 – 14 (Smart Motorway) - paused	<u>1,075,726</u>	
A358 Taunton to Southfields	<u>1,963,000</u>	<u>80,000</u>
M27 Junction 8	<u>-2,106</u>	<u>5,698</u>
A31 Ringwood	<u>-6,631</u>	<u>2,098</u>

A27 East of Lewes Package	<u>14</u>	<u>17,350</u>
A27 Arundel Bypass	<u>247,028</u>	<u>55,596</u>
A27 Worthing and Lancing Improvements		
A30 Chiverton to Carland Cross	<u>1,724</u>	<u>79,920</u>
TOTAL (RIS2 roads only) (50 schemes, but 1 scheme cancelled)	32,788,405	5,894,082

Apart from the cancelled scheme, there are three others where there is no data for user emissions. This is because the request has been refused, no AST is available, or the AST did not include a carbon figure

There are 20 schemes without construction emissions because no data has been released by National Highways