

Appendix D

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**Stage 2 Route Cost  
Estimates**

Route Option	A1	A2	A3	B1	B2	B3	B4	B5	B6	C1	A2-B6-C1
Base Date	1st Qtr 2009	1st Qtr 2009	1st Qtr 2009	1st Qtr 2009	1st Qtr 2009	1st Qtr 2009	1st Qtr 2009	1st Qtr 2009	1st Qtr 2009	1st Qtr 2009	1st Qtr 2009
Location	Northern Ireland	Northern Ireland	Northern Ireland	Northern Ireland	Northern Ireland	Northern Ireland	Northern Ireland	Northern Ireland	Northern Ireland	Northern Ireland	Northern Ireland
Single / Dual Carriageway Length (km)	Dual 2.65 km	Dual 2.68 km	Dual 2.78 km	Dual 5.77 km	Dual 5.68 km	Dual 5.57 km	Dual 5.28 km	Dual 5.37 km	Dual 5.66 km	Dual 5.90 km	Dual 14.24 km
	£	£	£	£	£	£	£	£	£	£	£
Preliminaries	£ 2,414,745	£ 2,174,082	£ 2,032,804	£ 5,143,989	£ 5,320,272	£ 5,299,659	£ 5,398,490	£ 5,192,354	£ 5,440,507	£ 6,081,442	£ 13,696,031
Site Clearance	£ 76,659	£ 24,129	£ 25,029	£ 58,880	£ 58,069	£ 57,079	£ 50,838	£ 48,348	£ 57,889	£ 63,020	£ 145,038
Fencing & Environmental Barriers	£ 149,989	£ 175,962	£ 202,636	£ 541,794	£ 531,954	£ 533,735	£ 548,517	£ 539,589	£ 517,090	£ 437,777	£ 1,130,829
Safety Fences	£ 290,896	£ 241,095	£ 234,629	£ 790,864	£ 642,038	£ 635,902	£ 566,617	£ 592,881	£ 640,923	£ 601,201	£ 1,483,219
Drainage & Service Ducts	£ 875,629	£ 885,542	£ 918,584	£ 2,403,309	£ 2,460,909	£ 2,485,602	£ 2,491,244	£ 2,470,740	£ 2,396,113	£ 2,299,649	£ 5,581,304
Earthworks	£ 728,653	£ 1,255,136	£ 1,070,475	£ 9,247,833	£ 6,287,991	£ 7,617,489	£ 4,416,209	£ 3,939,867	£ 6,645,564	£ 4,219,434	£ 12,120,134
Pavements	£ 2,286,673	£ 2,347,947	£ 2,416,300	£ 6,510,034	£ 6,500,327	£ 6,490,523	£ 6,670,501	£ 6,349,044	£ 6,379,501	£ 5,725,498	£ 14,452,946
Kerbs & Footways	£ 379,652	£ 383,950	£ 398,277	£ 564,839	£ 596,936	£ 667,252	£ 619,691	£ 550,236	£ 635,582	£ 890,245	£ 1,909,778
Traffic Signs & Road Markings	£ 107,011	£ 108,223	£ 112,261	£ 293,710	£ 300,749	£ 299,490	£ 304,457	£ 300,881	£ 292,830	£ 278,292	£ 679,345
Street Lighting	£ 57,660	£ 57,660	£ 57,660	£ 195,044	£ 205,948	£ 211,810	£ 217,982	£ 203,918	£ 194,750	£ 134,512	£ 386,922
Electrical works	£ 96,593	£ 96,593	£ 96,593	£ 260,953	£ 288,934	£ 265,896	£ 332,588	£ 280,642	£ 272,325	£ 207,226	£ 576,144
Motorway Comms & Gantries	£ 31,603	£ 31,961	£ 33,154	£ 86,740	£ 88,819	£ 88,447	£ 89,914	£ 88,858	£ 86,481	£ 82,187	£ 200,628
Landscaping	£ 142,640	£ 144,255	£ 149,637	£ 391,499	£ 400,882	£ 399,203	£ 405,824	£ 401,058	£ 390,327	£ 370,948	£ 905,529
Structures	£ 256,095	£ 256,095	£ 256,095	£ 3,397,663	£ 3,447,663	£ 3,427,663	£ 3,018,845	£ 3,017,715	£ 3,397,663	£ 2,100,395	£ 5,754,153
Junctions	£ 320,910	£ 320,910	£ 320,910	£ 497,617	£ 497,617	£ 497,617	£ 497,617	£ 497,617	£ 497,617	£ 248,808	£ 1,067,335
Accommodation Works	£ 683,281	£ 691,017	£ 716,801	£ 1,624,011	£ 1,634,881	£ 1,618,160	£ 1,592,271	£ 1,584,834	£ 1,607,022	£ 1,649,100	£ 3,947,138
Works for Statutory & other Bodies	£ 389,177	£ 165,819	£ 135,819	£ 2,307,304	£ 2,546,109	£ 2,170,134	£ 1,959,120	£ 2,174,774	£ 2,185,639	£ 688,302	£ 3,039,760
Downgrade existing A8 through Ballynure	£ -	£ -	£ -	£ 46,104	£ 33,530	£ 33,530	£ 47,501	£ 48,898	£ 39,118	£ -	£ 39,118
<b>Sub total</b>	<b>£ 9,287,867</b>	<b>£ 9,360,374</b>	<b>£ 9,177,664</b>	<b>£ 34,362,187</b>	<b>£ 31,843,630</b>	<b>£ 32,799,192</b>	<b>£ 29,228,225</b>	<b>£ 28,282,255</b>	<b>£ 31,676,941</b>	<b>£ 26,078,036</b>	<b>£ 67,115,351</b>
Design (incl below)	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -
Contractors Overheads & Profit	£ 928,787	£ 936,037	£ 917,766	£ 3,436,219	£ 3,184,363	£ 3,279,919	£ 2,922,822	£ 2,828,225	£ 3,167,694	£ 2,607,804	£ 6,711,535
<b>Total Construction Costs</b>	<b>£ 10,216,653</b>	<b>£ 10,296,412</b>	<b>£ 10,095,430</b>	<b>£ 37,798,405</b>	<b>£ 35,027,993</b>	<b>£ 36,079,111</b>	<b>£ 32,151,047</b>	<b>£ 31,110,480</b>	<b>£ 34,844,635</b>	<b>£ 28,685,840</b>	<b>£ 73,826,886</b>
Preparation, surveys, design	£ 919,499	£ 926,677	£ 908,589	£ 3,401,856	£ 3,152,519	£ 3,247,120	£ 2,893,594	£ 2,799,943	£ 3,136,017	£ 2,581,726	£ 6,644,420
Supervision	£ 510,833	£ 514,821	£ 504,772	£ 1,889,920	£ 1,751,400	£ 1,803,956	£ 1,607,552	£ 1,555,524	£ 1,742,232	£ 1,434,292	£ 3,691,344
<b>Sub total</b>	<b>£ 11,646,985</b>	<b>£ 11,737,909</b>	<b>£ 11,508,791</b>	<b>£ 43,090,182</b>	<b>£ 39,931,912</b>	<b>£ 41,130,187</b>	<b>£ 36,652,194</b>	<b>£ 35,465,948</b>	<b>£ 39,722,883</b>	<b>£ 32,701,858</b>	<b>£ 84,162,650</b>
Risk Register	£ 499,525	£ 875,180	£ 894,030	£ 1,517,645	£ 1,500,680	£ 1,479,945	£ 995,280	£ 1,012,245	£ 1,496,910	£ 1,112,150	£ 3,484,240
<b>Total Base Estimate</b>	<b>£ 12,146,510</b>	<b>£ 12,613,089</b>	<b>£ 12,402,821</b>	<b>£ 44,607,827</b>	<b>£ 41,432,592</b>	<b>£ 42,610,132</b>	<b>£ 37,647,474</b>	<b>£ 36,478,193</b>	<b>£ 41,219,793</b>	<b>£ 33,814,008</b>	<b>£ 87,646,890</b>
Land Costs	£ 2,342,000	£ 1,046,500	£ 1,159,900	£ 4,001,300	£ 4,053,800	£ 3,708,200	£ 4,079,720	£ 3,933,060	£ 3,281,000	£ 3,402,750	£ 7,730,250
Compensation	incl above	incl above	incl above	incl above	incl above	incl above	incl above	incl above	incl above	incl above	incl above
<b>Total Base Estimate</b>	<b>£ 14,488,510</b>	<b>£ 13,659,589</b>	<b>£ 13,562,721</b>	<b>£ 48,609,127</b>	<b>£ 45,486,392</b>	<b>£ 46,318,332</b>	<b>£ 41,727,194</b>	<b>£ 40,411,253</b>	<b>£ 44,500,793</b>	<b>£ 37,216,758</b>	<b>£ 95,377,140</b>
Optimism Bias @ 20% (5% on lands)	£ 2,546,402	£ 2,574,943	£ 2,538,559	£ 9,121,630	£ 8,489,208	£ 8,707,436	£ 7,733,481	£ 7,492,292	£ 8,408,009	£ 6,932,939	£ 17,915,891
<b>TOTAL ESTIMATED COSTS</b>	<b>£ 17,034,912</b>	<b>£ 16,234,532</b>	<b>£ 16,101,280</b>	<b>£ 57,730,757</b>	<b>£ 53,975,600</b>	<b>£ 55,025,768</b>	<b>£ 49,460,675</b>	<b>£ 47,903,544</b>	<b>£ 52,908,802</b>	<b>£ 44,149,697</b>	<b>£ 113,293,031</b>