

A82 Tarbet to Inveraman - DMRB Stage 1 Cost Estimates

Historic project costs						
Scheme	Scheme Cost (£m)	length (km)	Year	Per km	adjusted to 2012	Additional Notes
A830 Arisaig	23.00	7.5	2009	3.07	3.7	4.6 add 25% for online construction
A75 Dunragit	17.13	5.2	2013	3.29	3.3	
A75 Cairntop	6.44	2.3	2010	2.80	3.0	
A77 Haggston	18.71	3.0	2008	6.24	7.5	This includes online widening
A82 Pulpit	9.00	0.4	2013	22.50	22.5	Based on URS Stage 3 report

Option 1, online, Tarbet to Inveraman					
Chainage	dist (km)	rate (per km)	cost (£m)	OB (%)	cost (£m)
0	0.2	4.6	0.92	44	1.3248
200	0.3	7.5	2.25	44	3.24
900	0.25	4.6	1.15	44	1.656
750	0.1	22.5	2.25	66	3.735
850	0.23	4.6	1.058	44	1.52352
1080	0.12	22.5	2.7	66	4.482
1200	0.2	7.5	1.5	44	2.16
1400	0.25	4.6	1.15	44	1.656
1650	0.25	7.5	1.875	44	2.7
1900	0.25	4.6	1.15	44	1.656
2150	1.25	7.5	9.375	44	13.5
3400	0.1	4.6	0.46	44	0.6624
3500	0.65	7.5	4.875	44	7.02
4050	0.1	22.5	2.25	66	3.735
4150	1.55	4.6	7.13	44	10.2672
5700	Inveruglas crossing		2	66	3.32
6050	0.35	7.5	2.625	44	3.78
6600	0.55	22.5	12.375	66	20.5425
6800	0.2	7.5	1.5	44	2.16
7350	0.55	22.5	12.375	66	20.5425
7600	0.25	7.5	1.875	44	2.7
8250	0.65	4.6	2.99	44	4.3056
8250	0.1	22.5	2.25	66	3.735
8350	0.35	4.6	1.61	44	2.3184
8700	0.6	7.5	4.5	44	6.48
9300	0.2	22.5	4.5	44	6.48
9500	pulpit rock by others				
9800	0.25	7.5	1.875	44	2.7
10050	0.15	22.5	3.375	44	4.86
10200	5.8	4.6	26.68	44	38.4192
16000	Cycletrack		2.4	44	3.5
Total			123.023		Total (see note 1)
OB @0.44			54.130		£185
Grand Total			£177.15		

Option 2, Arrochar to Inveruglas to Inveraman					
Chainage	dist (km)	rate (per km)	cost (£m)	OB (%)	cost (£m)
0	Arrochar tie in		1	44	1.44
1750	1.75	3.7	6.475	44	9.324
1750	Loin water crossing		1	66	1.66
3750	2	7.5	15	44	21.6
4100	0.35	3.7	1.295	44	1.8648
4550	0.45	7.5	3.375	44	4.86
4900	Inveruglas water		20	66	33.2
4900	0.7	7.5	5.25	44	7.56
5600	0.2	4.6	0.92	44	1.3248
5800	pylons 5*1.5		7.5	44	10.8
5700	rail crossing		2	66	3.32
5700	tie in with old A82 (500m@4		2.2	44	3.168
5700	Chainage continues as per option 1				
6050	0.35	7.5	2.625	44	3.78
6600	0.55	22.5	12.375	44	17.82
6800	0.2	7.5	1.5	44	2.16
7350	0.55	22.5	12.375	44	17.82
7600	0.25	7.5	1.875	44	2.7
8250	0.65	4.6	2.99	44	4.3056
8350	0.1	22.5	2.25	44	3.24
8700	0.35	4.6	1.61	44	2.3184
9300	0.6	7.5	4.5	44	6.48
9500	0.2	22.5	4.5	44	6.48
9800	pulpit rock section excluded				
10050	0.25	7.5	1.875	44	2.7
10200	0.15	22.5	3.375	44	4.86
16000	5.8	4.6	26.68	44	38.4192
16000	Cycletrack		2.4	44	3.5
Total			146.945		Total (see note 1)
OB @0.44			64.656		£217
Grand Total			211.601		

7.964

Option 3, High Road					
Chainage	dist (km)	rate (per km)	cost (£m)	OB (%)	cost (£m)
0	Tarbet tie in		1	44	1.44
100	0.1	7.5	0.75	44	1.08
700	0.6	50	30	44	43.2 Tunnel
1200	0.5	7.5	3.75	44	5.4
1800	0.6	3.7	2.22	44	3.1968
2800	1	7.5	7.5	44	10.8
3300	0.5	3.7	1.85	44	2.664
4500	1.2	7.5	9	44	12.96
6000	1.5	3.7	5.55	44	7.992
6500	Inveruglas crossing		30	66	49.8
6500	Pyllons 3*1.5		4.5	44	6.48
6500	Sloy		2	44	2.88
7100	0.6	10	6	44	8.64
8000	0.9	7.5	6.75	44	9.72
8300	0.3	50	15	66	24.9 Tunnel
9100	0.8	3.7	2.96	44	4.2624
9600	0.5	7.5	3.75	44	5.4
10150	0.55	10	5.5	44	7.92
10360	Viaduct above west highland		10	66	16.6
10600	0.22	10	2.2	44	3.168
11600	1	10	10	44	14.4
12500	0.9	3.7	3.33	44	4.7952
13170	0.67	7.5	5.025	44	7.236
14120	0.95	50	47.5	66	78.85 Tunnel
14400	rail crossing		2	66	3.32
14400	0.28	3.7	1.036	44	1.49184
14400	tie in with old A82 (500m@4		2.2	44	3.168
17300	2.9	4.6	13.34	44	19.2096
17300	Cycletrack		2.4	44	3.5
Total			237.111		Total (see note 1)
OB @0.44			104.329		22.99
Grand Total			341.440		£364

Notes
1. Optimism Bias (OB) allowance of +66% for Structures and +44% for everything else.

A82 Tarbet to Inverarnan Stage 1 Traffic and Economic Appraisal Report – Appendices

Please see memory stick enclosed with this letter

Due to the size of the files we are unable to upload the documents referred to above.
If you wish to consider, please contact us at the address below and we will be happy to provide.
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