Appendix F – Outline Cost Estimates

ACNMU - Route / Sub-Option Cost Estimate (£)

Description	O1	O2	O3	B1	B2	B3	B4	B5	B6	B7	B8	P1	P2	P3	P4
Works Cost	121,276	1,432,517	1,396,000	218,517	426,759	357,000	403,276	50,276	98,000	425,276	417,000	240,555	933,110	6,897	559,333
Sub Total (i)	121,276	1,432,517	1,396,000	218,517	426,759	357,000	403,276	50,276	98,000	425,276	417,000	240,555	933,110	6,897	559,333
Preliminaries (15%)	18,191	214,878	209,400	32,778	64,014	53,550	60,491	7,541	14,700	63,791	62,550	36,083	139,967	1,034	83,900
Public Utility Works (5%)	6,064	71,626	69,800	10,926	21,338	17,580	20,164	2,514	4,900	21,264	20,850	12,028	46,656	345	27,967
Optimism Bias (25%)	30,319	358,129	349,000	54,629	106,690	89,250	100,819	12,569	24,500	106,319	104,250	60,139	233,278	1,724	139,833
Sub Total (ii)	54,574	644,633	628,200	98,333	192,042	160,380	181,474	22,624	44,100	191,374	187,650	108,250	419,901	3,103	251,700
Total Cost (works+ Prelims etc)	175,850	2,077,150	2,024,200	316,850	618,801	517,380	584,750	72,900	142,100	616,650	604,650	348,805	1,353,011	10,000	811,033
Length of Section (m)	600	3,560	3,560	1,050	1,200	1,200	1,060	500	465	1,400	1,300	1,000	5,400	2,000	2,400
Cost per Metre (£)	293	583	569	302	516	431	552	146	306	440	465	349	251	5	338

Notes:

1. The cost estimate has been prepared using SPONs 2017 rates unless noted otherwise. An inflation uplift has then been applied to represent 2020 prices.
2. This cost estimate has been prepared based on a Digital Terrain Model with levels on a 5m grid. Further survey work will be required at outline design stage to better inform the design and costings.
3. No ground investigation has been undertaken to inform the cost estimates prepared for each of the sub-options.
4. No allowance has been provided for land costs and associated fees.
5. No allowance has been made for risk for this comparison exercise. This will be developed once the preferred route has been identified.
6. Full overlay directly upon existing NMU facility has been assumed along with an addiotnal sub-base foundation to provide the necessary width.