

No scheme for the improvement of Elmsbrook Spine Road has been approved by Oxfordshire County Council (OCC), as the road is currently still in private ownership.

Based on the initial design drawing for the scheme produced by the appellant, OCC has produced a rough initial cost estimate for widening the narrow part of the Elmsbrook spine road north of the school of ~£102k (see details in figure 1)

The amount sought also includes a contribution towards widening of the footway at the bridge south of the school, to provide an off-carriageway cycle facility. We have looked at what is required /a couple of options to do these works and, although it is not the final scheme, we believe the desk top cost assessment, as set out in Figure 2, to be a reasonable assessment of the likely cost of the works at ~£97k.

There is provision in the S106 for any unspent contributions to be returned under the longstop.

Figure 1 Charlotte Avenue Widening North of School

Initial Cost Estimate

Item	Description	Quantity	Unit	Rate	Amount (£)
A Site Clearance					
1	Remove Existing Footway and Dispose	100	m2	20	2000.00
2	Remove surface course from existing carriageway and dispose (planer)	1	Item	1500	1500.00
3	Remove existing ACO Kerb Drainage	5	m	50	250.00
D Drainage					
1	New ACO Drainage Kerbs	5	m	500	2500.00
E Earthworks					
1	Excavation of new carriageway	20	m3	10	200.00
2	Extra-over excavation in hard material	20	m3	30	600.00
3	Disposal of material	60	m3	40	2400.00
4	Excavation for build out	3	m3	10	30.00
5	Extra Over excavation in hard material for build out	3	m3	30	90.00
6	Disposal of Material	3	m3	40	120.00
F Kerbs, Footways & Paved Areas					

	New Precast Concrete HB2/BN (125mm)				
1	Kerb	20	m	70	1400.00
2	Dropped Kerb	2	Item	65	130.00
3	New Carriageway Surfacing	100	m2	150	15000.00
4	New Surfacing To Footway	80	m2	100	8000.00
G Signage & Road Markings					
1	Priority Signage	2	nr	500	1000.00
2	Two Faced Bollard	1	nr	600	600.00
3	Stop Line	6	m	75	450.00
4	Warning Triangle	1	nr	100	100.00
5	Arrows	4	nr	75	300.00
6	Cycle symbol	2	nr	150	300.00
7	Narrowing Hatching	15	m	50	750.00
8	Centreline Road Marking	3	nr	100	300.00
9	Coloured Surfacing Overlay For Cycleway	112.5	m2	50	5625.00
H Street Lighting					
1	Illumination of Give Way / Priority Signs including electrical connections	2	nr	1500	3000.00
Sub-Total Construction Costs Estimate					46645.00
1.1	Traffic Management	3	Weeks	2500	7500.00
1.2	Contractor Preliminaries	25	%	46,645.00	11661.25
Sub-Total Construction Costs Estimate					65806.25
2 Project Design Fees					
2.1	Project & Design Fees	11	%	65,806.25	7238.69
2.2	Other Consultants Fees	1.5	%	65,806.25	987.09
Sub-Total Construction Costs Estimate					74032.03
3 OCC Project Costs					
3.1	Project management	3	Weeks	1000	3000.00
3.2	Site Supervision	3	Weeks	1500	4500.00
3.3	General Administration	1	Sum	1000	1000.00
Sub-Total Construction Costs Estimate					82532.03

4	Risks and Inflation				
4.1	General Risks	20	%	82,532.03	16506.41
4.2	Inflation	3.9	%	82,532.03	3218.75
Total Cost Estimate					102257.19

Figure 2 - Charlotte Avenue Widening Cycleway Over Bridge

Initial Cost Estimate

Item	Description	Quantity	Unit	Rate	Amount (£)
A Site Clearance					
1	Remove Existing Carriageway and Dispose	57	m2	20	1,140.00
2	Remove existing ACO Kerb Drainage	57	m	50	2,850.00
B Drainage					
1	New ACO Drainage Kerbs	57	m	500	28,500.00
C Kerbs, Footways & Paved Areas					
1	New Cycleway Surfacing - Full Width	57	m	243	13,851.00
D Signage & Road Markings					
1	Miscellaneous Signage	3	nr	400	1,200.00
Sub-Total Construction Costs Estimate					47,541.00
1.1	Traffic Management	2	Weeks	2500	5,000.00
1.2	Contractor Preliminaries	25	%	47,541.00	11,885.25
Sub-Total Construction Costs Estimate					64,426.25
2 Project Design Fees					
2.1	Project & Design Fees	11	%	64,426.25	7086.8875
2.2	Other Consultants Fees	2	%	64,426.25	966.39375

Sub-Total Construction Costs Estimate	72,479.53
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3	OCC Project Costs
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3.1	Project management	2	Weeks	1000	2,000.00
3.2	Site Supervision	2	Weeks	1500	3,000.00
3.3	General Administration	1	Sum	1000	1,000.00

Sub-Total Construction Costs Estimate	78,479.53
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4	Risks and Inflation
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4.1	General Risks	20	%	78,479.53	15,695.91
4.2	Inflation	3.9	%	78,479.53	3,060.70

Total Cost Estimate	97,236.14
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