

V4 Crossings Cost Estimates

All estimates take account of costs for the feasibility exercise, including Jacobs' costs – for their technical investigations and by MKC for project management costs.

Jacob's cost estimates also make an allowance for normal costs associated with diverting, terminating or removing buried services.

Options Analysis

Table 1

Crossings Options Considered and costs				
Location	Estimated Cost ¹	Additional funding Req'd. - existing £1.50m budget currently available for each crossing (£3.00m total)	Risk	Notes
Underpass Jct 4	£1,869,332	Additional £369,332 budget required plus additional contingency for buried services	Red	High number of buried services. Permission required and costs likely to escalate significantly
Underpass Jct 25	£1,543,131	Additional £42,131 budget required plus additional contingency for buried services	A/R	Fewer buried services at location but could still be problematic as permission required to divert nearby services. Additional £60k potentially available from S278 agreement with Gallaghers if delivered by 2020.
Footbridge Jct 4	£950,000	0	A/G	Services not significantly affected by footbridge works. However, likely to create significant opposition from local residents due potential overlooking of existing properties. (Footprint?)
Footbridge Jct 25	£950,000	0	A/G	Services not significantly affected by footbridge works. However, likely to create significant opposition from local residents due potential overlooking of existing properties. (Footprint?)
Do Nothing	£-	N/A	Red	Danger of pedestrians crossing 60 mph grid road Reputational risk to MKC

Table 2

Crossings Options Analysis of Options A, B and C					
Options	Estimated cost	MKC Capital remaining (£3.00m less estimated cost)	Budget	Risk	Notes
Option A Underpasses at J4 and J25	£3,412,463	Additional required additional required for access/diversion risk	£412,463 + probable contingency for service	Red	Very significant risk of further cost escalation at J4 due to buried services.
Preferred option - B Underpass at J25 and footbridge J4	£2,493,131	£506,869		Amber	Risks of cost escalation at J25 but potential for local opposition to footbridge at J4
Second preference option - C Footbridges at both locations	£1,900,000	£1,100,000		A/G	Potential for local opposition – could potentially be alleviated through good unobtrusive design. Need to purchase additional land from developer