

## Risk and Issue Register

<b>Project Name:</b>	Inner Ring Road Junctions
<b>Timemaster Number:</b>	TP/LT239
<b>Integra Code:</b>	93374
<b>Project Manager:</b>	Godwin Ekebuisi
<b>Last Updated:</b>	23/07/2018

Date Raised	Type	Category	Cause	Event	Impact (Description)	Cost Impact Rating	Time Impact Rating	Quality Impact Rating	Like - lihood Score	RAG	Response Type	Mitigation	Due Date	Owner	Status	Min Cost of Risk	Likely Cost of Risk	Max Cost of Risk	Average Cost of Risk	Risk Allowance	
28/2/18	Risk	Stakeholders	Client	Due to limited availability of client project staff resources there is a risk that progress will be unacceptably slow	This will impact on the programme and on securing the SCR SCRIF funding.		2	2	40%		Reduction	Sponsor action required to ensure availability of client resource to optimise the project delivery performance efficiency. <b>(Escalated to Sponsor)</b>	2/3/18	GE (PM)	Closed	£0	£0	£0	£0	£0	
28/2/18	Risk	Stakeholders	Other	Owing to Limited design resource capacity in Amey there is a risk that the final design will not be delivered in the scheduled time	This will slow down the programme and potentially lead to not meeting the deadline for securing SCR SCRIF funding in which case the project will not go ahead.		3	1	50%		Reduction	Sponsor action required at Amey Senior Management level to ensure adequate resources are allocated to the project <b>(escalated to Sponsor)</b>	2/3/18	GE (PM)	Closed	£0	£0	£0	£0	£0	
28/2/18	Risk	Technical	Scope	That the context and constraints present a complex set of design challenges as a result there is a risk that the design solution could be prohibitively costly	This will lead to the delivery scheme not being affordable and therefore not progressing beyond feasibility stage		3	1	70%		Reduction	Conduct Value Engineering throughout the design process; review feasibility of making scope reductions, review recalculate BCR (Benefit/Cost Ratio) and commercial case underpinning the Business Case.	1/5/18	GE/Client	Closed	£0	£0	£0	£0	£0	
28/2/18	Risk	Ground_Works	UXO	There is a risk of UXO's being found under the route of the works	This will have H&S, cost and time implications.		1	1	20%		Acceptance	Similar work was done along the route of the works about 3 years ago and no UXO was found.			Live				£0	£0	
28/2/18	Risk	Ground_Works	Contamination	Owing to the location and nature of the project, there is a risk of ground contamination being found	This will have cost and programme implications	3	2	2	50%		Contingency	Use trial holes to carry out tests before Start on Site.		GE/Amey	Live	£120,000	£150,000	£180,000	£150,000	£75,000	
28/2/18	Risk	Ground_Works	Buried services	There is a risk of buried Services being found unexpectedly during construction	This will have cost and programme implications	3	2	2	90%		Contingency	a.Allow sufficient contingency b.review and manage risk throughout the delivery phase		GE(PM)	Live	£190,000	£200,000	£250,000	£206,667	£186,000	
4/4/18	Risk	Technical	Highways	Traffic management may come back at construction phase with more stringent restrictions	This will have cost and programme implications because Amey will come back with CE.	2	2	2	50%		Reduction	Keep communication line open with Pete Vickers who is in charge of Traffic Management and seek agreement on keeping to previously agreed cost		GE(PM)	Live	£35,000	£50,000	£70,000	£50,833	£25,417	
4/4/18	Risk	Construction	Logistics / Phasing	Due to natural material (granite) being sourced from Vietnam or China which have 16 weeks lead-in time, there is a risk that these material will not arrive in the time required.	This will have programme implications.		2	2	30%		Prevention	Order material well in advance wherever possible, else use alternative material readily available.		AlanM(Amey)	Live					£0	£0
11/4/18	Risk	Construction	Disruption to services	Due to disruption to public transport services, a change in Start on Site date to a date when disruption is higher poses the risk of Traffic Management asking for more money.	This will result in a higher Traffic Management costs which will impact on the project affordability within available budget.	2	2	2	40%		Reduction	Keep communication line open with Pete Vickers who is in charge of Traffic Management, and seek to reach agreement on a revised TM fixed cost if programme changes.		GE/Client	Live	£80,000	£90,000	£100,000	£90,000	£36,000	
25/5/18	Risk	Construction	Buried services	There is a risk that Vodaphone will not be able to implement their proposed stats changes as per there reduced quote if existing installation conditions are found to be different post excavation.	Potential cost and time implications	2	1	1	70%		Contingency	Allow sufficient contingency (re-allocation of 'saving' from lower Vodaphone quote)		GE(PM)	Live	£0	£90,000	£100,000	£76,667	£53,667	
11/4/18	Risk	Finance_and_Commercial	Market conditions	Due to the nature of commercial pricing by the Statutory bodies for stats, there is a risk that Vodaphone C4 cost currently being awaited, may come back higher than their C3 costs included in current cost plan.	This will increase the forecast project delivery	3	3	3	80%		Contingency	Chase up Vodaphone for the C4 return and factor any increase into cost plan in pursuing reduction measures.  Meanwhile, provide reasonable contingency until the actual costs is received (based on C4 increase by BT whose C3 was of the same order as Vodaphone)	24/5/18	GE(PM)	Closed	£150,000	£160,000	£200,000	£165,000	£132,000	

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14/4/18	Risk	Finance_and_Commercial		Due to nature of work and its environment, they is a risk of drug use paraphernalia being present at and around the site.	This has H&S implications for proeject staff working on site		2	2	20%	Yellow	Transference	Contract for delivery of the scheme to provide method statement and to include survey/inspection and removal of these during site works, awareness and use of appropriate PPE by all site team staff.			Live			£0	£0
14/4/18	Risk	Finance_and_Commercial	External funding	Failure to address issues raised by SCR for funding poses the risk of loss SCRIF funding	This will result in the project not proceeding and so has to be stopped.		2	2	40%	Yellow	Prevention	Client to work with PM and SCRIF team to address SCR issues in the SCRIF FBC			Live			£0	£0
14/4/18	Risk	Finance_and_Commercial	External funding	Due to strict conditions recently introduced to SCR for SCRIF funding, there is a risk that the claw back conditions may to too stringent and SCC will not accept them.	This will result in the loss of the SCRIF funding and the abandonment of the project.		2	2	30%	Yellow	Acceptance	Work with legal to ensure that clawback conditions are those SCC will be willing to sign up to.	GE/Amc		Live			£0	£0
25/5/18	Issue	Finance_and_Commercial	Budget	That funding is not secured for the delivery phase	The scheme will not be delivered and the project benefits will not be realised		3	2	50%	Yellow	Prevention	Secure SCR funding required to progress delivery of the preferred option scheme	1/7/18	EH (Sponsor)	Live			£0	£0
12/4/18	Issue	Finance_and_Commercial	Budget	That the feasibility phase budget has been exhausted and there is no additional funding identified for further work on the scheme	That current and future feasibility work is being carried at risk / cost to SCC which may not be sustainable		3	3	100%	Green	Prevention	Identify addioanl fundign for fees to continue work - escalated to Project Sponsor and Client lead	1/6/18	EH (Sponsor)	Live			£0	£0
8/7/18	Risk	Finance_and_Commercial	Market conditions	As a result of provisions of the Road and Street Works Act that the actual cost of stats diversions will be payable by the project sponsor, there is a risk that the final cost of the Statutory Undertakers Diversions will be higher than the C4 prices supplied	This will have cost /budget impicaions		2	2	30%	Yellow	Acceptance	Risk will be managed by careful co-ordination of the main Contractor and each of the Statutory Undertakers to minimise costs overall. (b) Provide some contingency amount.	1/2/19	Client (AMc)	Live			£0	£0
23/7/18	Risk	Political	Political pressure	Due to some loss in existing highway trees and meadow areas in the existing central reserve there is a risk of public protest from the tree lobby group.	This will have programme, cost and political implications		2	2	20%	Yellow	Prevention	These losses will be mitigated by replacement enhancements of adjoining highway areas this mitigation will be communicated widely to satisfy and stop potential protesters.	1/2/19	Client (AMc)				£0	£0
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Updated Total Contingency Provision

£376,083