

A419 STONEHOUSE RISK REGISTER

New Ref	Date Added	Risk Description	IR Likelihood	IR Impact	IR Risk Score	Current controls in place	RR Likelihood	RR Impact	RR Risk Score	Direction of Travel	Risk Owner	Date Reviewed	Timescale	Latest Period Comments	Consequences	Risk Status	Further Actions Required	FA Due	Progress of FA	FA & Risk Status Comments	FA Owner
1. Strategic / Political / Policy																					
A1.1	16/11/2016	Scheme clashes with other projects leading to delays due to network occupancy e.g. Housing developments, Ecotricity proposals and other GCC or HE schemes. Scheme is delayed / or delays other schemes.	3	4	12	Staff involved from GCC and Amey are also involved on other projects, and so early highlighting of issues is planned. Provisional roadspace booking in place. Liaison taken place with HE.	2	4	8	Remains the same	Amey Project Manager	26/07/2017	Long	Ongoing monitoring of plans for the football ground and business park development at M5 J13. Housing developer aware of timescales	Excessive congestion, reputational damage. Delays to scheme	Open	Review programmes to ensure no conflict. Continue to provide updates to other schemes	Ongoing	On Target		Amey Project Manager
A1.2	16/11/2016	Local GCC Member(s), councillors or public oppose scheme, or alter scheme design/dilute benefits	3	4	12	GCC and Amey PM have been consulting with members to review preliminary plans. Share events held. Statutory consultation taken place. Comments to be considered and implemented where possible.	2	4	8	Decreased	GCC Project Manager	26/07/2017	Short	GCC PM to maintain regular contact. Local member has not indicated lack of support. Cabinet approval in Sept 17. Ongoing correspondence	Reputational damage, delays and costs due to scheme changes or scheme cancelled	Open	Frequent briefing of local members and reactive response. Set up member steering group.	Ongoing	On Target		GCC Project Manager
A1.3	20/01/2017	Local stakeholders (businesses, Wycliffe School, cycle groups) do not support the scheme	4	3	12	Ongoing engagement with Sustrans and other stakeholders. Met with Wycliffe and Councillors. Ongoing correspondence during detailed design.	3	3	9	Remains the same	GCC Project Manager	26/07/2017	Short	Stakeholder feedback reviewed and included in FBC. Design amended or comments considered during detailed design.	Delays and additional costs. Reputational damage	Open	Ongoing meetings and updates during detailed design.	Ongoing	On Target		GCC Project Manager
A1.4	16/11/2016	Future local or general elections impact on support or funding.	2	4	8	Consulted with current members.	2	4	8	Remains the same	GCC Project Manager	26/07/2017	Short	Local and general elections occurred in May and June 2017.	Change in support or funding for scheme.	Closed		Ongoing	On Target		GCC Project Manager
2. Economic / financial / management																					
A2.1	20/01/2017	The capital costs of the scheme increase as a result of factors uncovered at site surveys and detailed design stages. Eg. Structural work to canal bridge, additional drainage or further geotech retaining structures	5	4	20	The current scheme estimates assume worst case where possible. Scheme costs to be reviewed again during detailed design. Risk contingency within budget.	5	3	15	Remains the same	Amey Project Manager	26/07/2017	Medium	Scheme cost estimate updated for final FBC submission based on preliminary design drawings. Estimates to be reviewed during detailed design.	GCC has to find additional funding to cover cost overruns.	Open	Continue to review risk register to manage residual risks	Ongoing	On Target		Amey Project Manager
A2.2	20/01/2017	The tender prices received from the contractors exceed the available budget to construct the scheme.	4	4	16	The scheme cost estimate will be regularly reviewed, as detailed design drawings are completed, to ensure adequate allowances for contingencies and risk. Procurement strategy has been developed and agreed.	3	4	12	Remains the same	GCC Project Manager	26/07/2017	Medium	Design ongoing, cost estimate updated prior to final FBC submission and will be reviewed after completion of detailed design (post FBC approval).	GCC would have to find additional funding to cover cost overruns.	Open	Regular review of project scope. Review prices to account for increased construction industry inflation as a result of currency fluctuations. Monitor and review during detailed design.	Ongoing	On Target		Amey Project Manager
A2.3	20/01/2017	LEP failure to reimburse scheme development costs (i.e. if scheme does not achieve approval of Full Business Case the costs incurred prior to this would be GCC's liability).	3	4	12	Develop robust Full Business Case to secure funds. Business case reviewed in draft form prior to final submission.	2	4	8	Remains the same	GCC Project Manager	26/07/2017	Medium	LEP money will not be issued to GCC until the FBC is approved.	Scheme cancellation or GCC have to find additional funding	Open	None	Ongoing	On Target		GCC Project Manager
3. Statutory Process / Legal / Land acquisition																					
A3.1	20/01/2017	Judicial review of processes evoked. Eg. Questions over S106 agreements	3	4	12	Robust consultation strategy ongoing. Ensure correct procedures being followed.	3	4	12	Remains the same	GCC Project Manager	26/07/2017	Medium		delay to scheme, reputational damage	Open	Risk revolved around challenges on a point of law or error in process	Ongoing	On Target		GCC Project Manager
A3.2	20/01/2017	Requirement for 3rd party land purchase identified as a result of change of design at detailed design stages (post FBC approval)	3	5	15	Review of scheme design against highway boundary plans. Identify worst case scenario when design optioneering.	2	5	10	Decreased	Amey Project Manager	26/07/2017	Medium	Review of scheme design against highway boundary plans.	Delay to scheme, additional costs	Open	Confirm any highway boundary changes required. Review of detailed design against land plans.	Ongoing	On Target		Amey Project Manager
4. Design / technical / preparatory works																					
A4.1	20/01/2017	Exact details and cost of required utility diversions are currently not finalised at preliminary design stage. Cost of diversions could be higher than expected and higher than allowance in budget.	4	5	20	Initial C3 preliminary cost estimates received from utility companies. Further discussion and review taken place with utility companies. Utility costs included within scheme budget and risk allocation. Following FBC approval undertake trial pits where necessary and obtain C4 costs estimates to identify exact costs.	3	5	15	Remains the same	Amey Project Manager / Amey Design Manager	26/07/2017	Medium	Current C3 estimates are shown to be high but experience shows they represent what is considered to be a worst case.	Delay to scheme, additional costs. Additional funding required from GCC or scheme descope where possible whilst not impacting on objectives.	Open	Progress C4 enquiries and trial holes following FBC approval during detailed design.	Ongoing	On Target		Amey Project Manager

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A4.2	20/01/2017	Design changes required during detailed design result in additional works required. (Eg. As a result of further surveys, other schemes / developments. Eg. Wycliffe school or M5 J13 eco park)	3	4	12	Liaison with GCC strategic planning team regarding the progress of M5 J13. Ensure Chipmans Platt design has potential to tie in with future A419 widening. Designers proposed options. Consultation with businesses and Wycliffe school	3	4	12	Remains the same	GCC Project Manager / Amey Project Manager	26/07/2017	Medium	Ecopark planning possible submission in Sept 17.	Late changes to design. Increase in works estimate / tender cost.	Open	Ongoing liaison. Meetings with GCC Strategic Planning team.	Ongoing	On Target		GCC Project Manager / Amey Project Manager
A4.3	20/01/2017	Unfavourable Road Safety Audit response causes design changes	3	3	9	RSA Stage 1 completed based on preliminary design drawings and designers response drafted. Further safety audit at detailed design stage.	3	3	9	Remains the same	Amey Design Manager	26/07/2017	Medium	RSA 1 complete on Preliminary design	Ammendments required to design. Delays / additional costs	Open	Further RSA during detailed design	Ongoing	On Target		Amey Design Manager
A4.4	20/01/2017	Delays incurred during detailed design.	3	3	9	Early programming of environmental surveys and ground investigations. Detailed design programme developed.	3	3	9	Remains the same	Amey Project Manager	26/07/2017	Medium		Delays to start of construction and additional design costs	Open	Detailed design programme to be developed.	Ongoing	On Target		Amey Project Manager
5. Environmental																					
A5.1	20/01/2017	Environmental investigations reveal the presence of protected and / or invasive species on the site since the initial survey, leading to changes in design and additional mitigation.	3	3	9	Environmental desk top assessment and site survey completed. The current cost estimate makes an allowance for risks to cover the potential for additional environmental mitigation measures - covering drainage, ecology, archaeology, air quality, noise, landscape etc.	3	3	9	Remains the same	Amey Environmental Consultants	26/07/2017	Medium	Environmental requirements assessed as part of FBC submission.	Additional scheme costs	Open	Further environmental surveys and design work during detailed design post FBC approval.	Ongoing	On Target		Amey Environmental Consultants
A5.2	20/01/2017	Works do not start until after bird nesting season starts.	3	3	9	Conduct all site clearance works prior to the nesting . Or ensure an Ecologist inspects all trees and hedgerows prior to removal	2	3	6	Remains the same	Amey Project Manager	26/07/2017	Medium	Review programme and manage tree/hedgerow removal based on that programme	Trees need to be removed during nesting season need to be inspected by ecologist prior to removal thereby incurring additional cost	Open	Review construction programme during detailed design to identify any potential issues.	Ongoing	On Target		Amey Project Manager
A5.3	20/01/2017	Requirement for noise protection / additional planting measures identified.	3	3	9	Desktop noise based assessment completed. Costs for possible mitigations allowed for in costed risk register	3	3	9	Remains the same	Amey Environmental Consultants	26/07/2017	Medium	Desk top assessment within FBC. Boakes Drive highlighted as potential issue during share event.	Design chnages, additional cost and delays to scheme.	Open	Further environmental surveys and design work during detailed design post FBC approval.	Ongoing	On Target		Amey Environmental Consultants
A5.4	20/01/2017	Part One Claims - claims arising from noise, pollution 12 months after the scheme opening.	2	3	6	Desktop based noise assessment completed. Review requirement for further noise and AQ assessments undertaken post scheme opening (1 year).	2	3	6	Remains the same	Amey Environmental Consultants	26/07/2017	Medium		Some possible claims	Open		Ongoing	On Target		Amey Environmental Consultants
A5.5	28/04/2017	Live badger sets found to be on site between FBC and works start date.	3	3	9	Updated badger survey to be completed 1-2 months prior to commencement of construction to establish any recent activity at the identified sett.	3	3	9	Remains the same	Amey Environmental Consultants	26/07/2017	Medium		Programme delay and additional costs	Open	Further survey prior to construction starting on site.	Ongoing	On Target		Amey Environmental Consultants
A5.6	28/04/2017	Water voles and / or otters found to be on site between FBC and works start date.	3	4	12	Targeted otter and water vole survey should be undertaken prior to the commencement of works	3	4	12	Remains the same	Amey Environmental Consultants	26/07/2017	Medium		Programme delay and additional costs	Open	Further survey prior to construction starting on site.	Ongoing	On Target		Amey Environmental Consultants
A5.7	28/04/2017	Damage to below ground cultural/ Archaeological artefacts	2	4	8	Archaeological watching brief required during works at Horsetrough and Downton Road.	1	4	4	Remains the same	Amey Environmental Consultants	26/07/2017	Medium	Allowance made for cost of watching brief	Programme delay and additional costs	Open		Ongoing	On Target		Amey Environmental Consultants
6. Stakeholder Management / Consultation																					
A6.1	20/01/2017	Ineffective share event and/or comms strategy.	3	3	9	Ensure early consultation with stakeholders. Developed a communication plan to engage with the public and key stakeholders.	3	3	9	Remains the same	Amey Project Manager	26/07/2017	Medium	Comms team involvement at early stage. Detailed comms plan to be developed and utilised. Share events held 20/06/17 and 22/06/17	Increased resource to deal with public, delays, objections, scheme design changes	Open		Ongoing	On Target		Amey Project Manager
7. Procurement																					
A7.1	21/04/2017	Receipt of lower cost alternative tenders which extends into 3rd party land or requires planning application.	2	3	6	Contract specification to highlight constraints.	1	3	3	Decreased	Amey Project Manager	26/07/2017	Medium		Delay, reputational damage if better alternatives are proposed.	Open		Ongoing	On Target		Amey Project Manager

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8. Construction																					
A8.1	21/04/2017	Scheme is not delivered in the timescales expected by LEP, housing developer and M5 J13 etc.	3	4	12	Developer / LEP updated on current programme in line with LEP budget availability.	3	4	12	Remains the same	Amey Project Manager	26/07/2017	Medium		Delay of LEP spend. Delay of construction of other projects, reputational damage.	Open	Detailed design and construction programme to be developed.	Ongoing	On Target		Amey Project Manager
A8.2	21/04/2017	Excessive construction noise leading complaints.	3	3	9	Determine works to be carried out at night. Look at alternative proposals and do work during daytime. Liaison with residents.	3	3	9	Remains the same	Amey Project Manager	26/07/2017	Medium	No progress yet due to timeline of project.	Change in construction methodology. Complaints and negative publicity.	Open		Ongoing	On Target		Amey Project Manager
A8.3	21/04/2017	Excessive traffic delays on A419 and / or M5 motorway.	4	3	12	Traffic management proposal to be developed. Current assumptions that any lane closures on A419 will be off peak. HE seen plans and not highlighted major concerns	3	3	9	Remains the same	Amey Project Manager	26/07/2017	Medium		Significant traffic delays, negative publicity	Open		Ongoing	On Target		Amey Project Manager
A8.4	26/07/2017	Unexpected difficulties during construction (Eg. ground conditions, design changes, unknown utilities)	4	4	16	Surveys to be completed during detailed design.	3	4	12	Remains the same	Amey Project Manager	26/07/2017	Medium		Delays and additional costs.	Open	Surveys to be progressed during detailed design.	Ongoing	On Target		Amey Project Manager
9. Operations & Maintenance																					
A9.1	21/04/2017	Scheme does not deliver agreed benefits.	2	5	12	Robust FBC produced.	2	5	9	Decreased	Amey Transport Planner	26/07/2017	Medium	Modelling shows improvement to journey times.	Reputational damage. Further measures to improve traffic delays	Open		Ongoing	On Target		Amey Transport Planner