

West of Cheltenham Improvement Scheme - Phase 2 M5J11 to Arle - Project 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	Latest Period Comments	Consequences	Minimum Event	Minimum Cost (£1000)	Expected Event	Expected Cost (£1000)	Maximum Event	Maximum Cost (£1000)	Risk Status	Further Actions Required	FA Due	FA & Risk Status Comments	FA Owner
1. Strategic/Political/Policy																								
1.7	10/12/18	Scheme clashes with other HE projects leading to delays due to network occupancy	4	4	16	GCC/Atkins to liaise with HE to programme works. Amey have booked to book road space High level meetings between GCC/Atkins/HE have been arranged to discuss joint comms and delivery	4	4	16	up	SML/RS	Press release on 27/11/2018 issued. Road space booked ongoing liaison with HE HE works now confirmed at Staverton bridge so risk travel up	Scheme will not go ahead, LEP funding lost, reputational damage	No change, conflicts resolved	0	Minor amendments to scheme programme	20	Significant delays to scheme / other scheme	100	Open	Atkins/GCC to continue to liaise with HE and ensure programme is not effected	Ongoing		RS/SML
1.1	10/12/18	Programming of proposed HE bridge scheme clashes. HE scheme may take priority with streetworks causing delay	3	4	12	Book road space early and release Comms. Liaison with HE to programme works	2	4	8	Static	RS/SML	Road space booked and media release on 27/11/2018. RS in liaison with HE	Scheme delayed, possible loss of funding and reputational damage	No change, conflicts resolved	0	Minor amendments to scheme programme	50	Significant delays to scheme / other scheme	200	Open	Continual updates, liaison, programming and coordination with HE	Ongoing	On Target	RS/SML
1.2	10/12/18	All 4 phases may require EIA & planning permission	3	5	15	Atkins to complete an environmental consenting assessment	3	4	12	Static	GCC Project Manager	Atkins consenting strategy recommends EIA screening	Delay in completing environmental assessments	No change, conflicts resolved	0	Minor amendments to scheme programme	20	Significant delays to scheme / other scheme	100	Open	GCC to determine if EIA screening is required	30/09/2019	On Target	GCC Project Manager
1.3	10/12/18	Local stakeholders (environmental groups, residents, businesses, cycle groups) do not support the scheme and additional consultation and input required.	4	3	12	Engagement with stakeholders at share events. Further consultation with non-motorised users via WCHAR consultation. Feedback to be reviewed during detailed design.	3	3	9	Static	Consultant Project Manager	Stakeholder feedback reviewed and included in FBC. Design amended or comments considered during detailed design.	Delays and additional costs. Reputational damage	No changes required to scheme	0	Minor changes included within scheme	10	Delay and redesign in order to gain support	100	Open	Communicate to Atkins design teams	ongoing	On Target	Consultant Project Manager
2. Economic/financial/management																								
2.1	10/12/18	Open market Procontract tender prices are above the available budget	4	3	12	Detailed design will be costed prior to tender stage to allow the design to be value engineered and therefore expected tender prices will be within budget	1	5	5	Down	Consultant Project Manager	removing the HE element from the scope of works should ensure tender prices are within budget	Scheme will not go ahead or reduction in scope of future phases, reputational damage	No changes required to scheme	0	5% over estimated cost	182	10% over estimated cost	264	Open	monitor	Ongoing	On Target	Consultant Project Manager
2.20	10/12/18	Environmental surveys identify protected species causing additional cost	3	4	12	Environmental surveys to be completed to identify risks and have time to manage them	3	4	12	up	Consultant Project Manager	Amey environmental assessment assumed the presence of great crested newts due to access to residential ponds denied.	Additional cost	No changes required to scheme	0	Minor changes included within scheme	10	Delay and redesign in order to gain support	100	Open	Atkins environmental input required to reassess the Amey assumptions	31/09/2019	On Target	Consultant Project Manager
2.3	10/12/18	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	5	15	Develop robust Full Business Case to secure funds. Business case reviewed in draft form prior to final submission.	2	5	10	Static	GCC Project Manager	LEP money will not be issued to GCC until the FBC is approved. Political support for scheme given likely future development in area.	Scheme cancellation or GCC have to find additional funding	FBC approved in programme	0	FBC approved in programme	0	FBC not approved and LEP do not reimburse costs	970	Open	monitor	Ongoing	On Target	GCC Project Manager
3. Environmental																								
3.1	10/12/18	Judicial review of processes evoked. E.g. Questions over AQMA, planning / consenting strategy	3	4	12	Robust design and consenting strategy ongoing. Ensure correct procedures being followed in liaison with local authorities.	3	4	12	static	Consultant Project Manager	Consenting strategy technical note produced.	Delay to scheme, reputational damage	No JR	0	No JD	0	6 months delay & legal costs	100	Open				
3.2	10/12/18	Mammal burrows within the embankment may require additional licences to allow the work to start this will cause a delay	2	4	8	Environmental investigation to be completed	2	3	6	Static	Consultant Project Manager		delay and additional cost	No changes required to scheme	0	Minor changes included within scheme	20	Delay and redesign in order to gain support	100	Open	complete environmental survey	31/09/2019	On Target	Consultant Project Manager
3.3	10/12/18	Private land owners will not allow access for the Environmentalist to check private ponds for newts	3	3	9	Contact land owners before start of surveys	3	3	9	up	Consultant Project Manager	unable to gain land access to complete pond survey	unable to check private ponds for protected species	No mitigation required	0	mitigation required	30	mitigation required	30	Open	attempt to gain access to residential ponds	31/09/2019	On Target	Consultant Project Manager
3.4	10/12/18	Vegetation clearance works required after the beginning of bird nesting season.	3	3	9	Conduct all site clearance works prior to the nesting season. Or ensure an Ecologist inspects all trees and hedgerows prior to removal	2	3	6	static	Consultant Project Manager	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 and possible delay	Does not occur	0	Does not occur	0	Trees not removed prior to nesting season need inspecting	5				On Target	Consultant Project Manager
3.50	10/12/18	Environmental survey completed in winter months. It is likely that when the works start Himalayan Balsam or other invasive species will be present during summer months	4	3	12	Amey Environmental team are to write a method statement on how to handle the risk without causing much delay and cost to the works	4	1	4	Static	Consultant Project Manager		Delay and additional cost	Does not occur	0	Does not occur	0	Trees not removed prior to nesting season need inspecting	5	Open	write method statement	31/03/2019	On Target	Consultant Project Manager
4. Design/Technical																								
4.10	10/12/18	Need for additional surveys identified during detailed design	3	3	9	Survey works completed during preliminary design phase. Review of design and surveys taken place.	3	3	9	Static	Consultant Project Manager		additional cost and delay to detailed design	Does not occur	0	Does not occur	0	additional surveys	15	Open	monitor	ongoing	On Target	Consultant Project Manager
4.20	10/12/18	Design departures required not acceptable to GCC	2	4	8	Produced non conformance report to highlight departures. Early liaison with GCC.	2	4	8	Static	Consultant Project Manager		Delays to completion of design. Design changes. Additional cost	DFT authorised	0	Some minor design changes / further work	20	Major redesign	100	Open	review when GIR complete	31/10/2019	On Target	Consultant Project Manager
4.30	10/12/18	Stakeholders challenge design decisions leads to programme delay	4	4	16	early liaison with stakeholders but final decisions with Principal designer	4	2	8	Static	Consultant Project Manager	member briefings and radio comms have taken place. GCC web page currently being created	delay to design and reputational damage	Does not occur	0	Does not occur	0	change in design	50	Open	liaison with stakeholders regarding design decisions e.g. WCHAR share events, press releases	ongoing	On Target	Consultant Project Manager

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4.40	10/12/18	Unknown addition of HE cameras, Police ANPR Camera, weatherisation's	4	3	12	Liaison with possible asset owners	2	2	4	Static	Consultant Project Manager		delay to design	Does not occur	0	Does not occur	0	additional equipment	5	Open	discuss with HE	30/09/2019	On Target	Consultant Project Manager
4.50	10/12/18	Delays submitting Full Business Case (FBC) leads to late approval of FBC by LEP board	3	4	12	Ongoing liaison with FBC review Consultancy. Stagger submissions of ph 1-4	3	4	12	Static	Consultant Project Manager			Submitted on programme	0	Delayed submission but approved at LEP board	0	Delayed to next LEP board meeting	20		monitor FBC progress	20/09/2019	On Target	Consultant Project Manager
4.60	10/12/18	Unfavourable Road Safety Audit response causes design changes	2	3	6	RSA stage 1/2 to be applied for based on prelim design	2	1	2	Static	Consultant Project Manager		Open	Does not occur	0	Does not occur	0	changes to design	5		RSA1/2 to be submitted once prelim design complete	31/08/2019	On Target	Consultant Project Manager