

Appendix C – Iron Lane Junction Improvements : Risk Management Assessment

No	Item of Risk	Potential Impact	Inherent Risk		Control Measures	Control Measure Managed by	Residual Risk	
			Impact	Likelihood			Impact	Likelihood
1	Availability of land required for scheme	Delay to scheme implementation	Medium	Low	Land will if possible be acquired by negotiation, but a CPO will run in parallel to ensure land is acquired	Project Manager, Legal Service & B'ham Property Services	Medium	Low
2	Resourcing capacity and ability to programme in necessary stats diversions by the statutory undertakers' equipment companies in line with the scheme's programme.	Delay to works commencing, extended programme on site waiting for Statutory Undertakers.	Medium	Low	On-going stakeholder consultation and dialogue. Orders based on the Statutory Undertaker's detailed estimates to be raised at the earliest opportunity. Coordination meetings being held to agree designs and programming of works.	Project Manager & Design Team	Low	Low
3	Unidentified Statutory Undertakers equipment.	Cost and time overruns.	High	Medium	Undertake Ground Penetration Radar surveys of the site. Close liaison with the Statutory Undertakers to ensure accurate information is available to the Contractor	Project Manager	Low	Low
4	Increase in construction cost estimate at tender stage.	Budget for works exceeded.	Medium	Medium	Review bill of quantities estimate prior to tender and write value engineering/scope reduction measures into the Contract. All bill of quantities to be robustly checked	Project Manager, Resident Engineer, Quantity Surveyor	Medium	Low
5	Disruption to road users during the construction stage.	Delays to transport on the highway	High	High	Careful planning, phasing and consideration to be made of the construction programme to ensure disruption is kept to a minimum. Discussions to be had with Traffic Management Services and pro-active monitoring during the works is to be carried out.	Resident Engineer, Traffic Management Services, Contractor	Medium	Low
6	Objections to the scheme being received as a result of the advertisement of the Traffic Regulation Orders.	Potential delay, omission or amendment of scheme proposals.	Medium	Medium	On-going dialogue with Ward Councillors, key stakeholders and members of the public.	Project Manager	Low	Low
7	Disruption to businesses during the construction stage. (Business whose land/property is not directly affected by the works).	Loss of trade	High	Medium	There will be ongoing dialogue with the businesses throughout the works and access will be maintained to the businesses. Under current legislation there is no provision for compensation for loss of trade as a result of works carried out by highway authorities.	Project Manager / Site supervisors/Contractor	Low	Low
8	Compensation claims as a result of CPO process (land and property directly affected by the works).	Increase in scheme cost due to claims	Medium	Medium	Payments to third parties will be made in accordance with land valuation guidelines, this includes for any loss of trade for those where land or property is required for the scheme.	Project Manager/Birmingham Property Services	Medium	Low
9	Cost /time overruns	Cost exceed budget	Medium	Low	Detailed estimates have been used to build up scheme costs including a 10% contingency. The construction period of has increased from 52 to 78 weeks which should be ample time to construct the scheme. Target date for spending LGF funds is March 2018 and the LEP will be provided monthly monitor reports where any likely variance will be raised so giving warning of any slippage to the LEP at an early stage	Project Manager / Site supervisors/Contractor	Medium	Low
10	Objections to CPO/SRO	Delay to scheme commencement	Medium	Low	Negotiations/consultation has been ongoing and positive so no objections are anticipated. The project cost and programme assumes a CPO/SRO but no public inquiry.	Project Manager / BPS / LS	Medium	Low
11	Procurement through Lot 4 availability of competent Contractor	No competent Contractors available	High	Medium	Look at alternative procurement strategy to tender/allocate projects over £0.5m. Consideration of reserve contractors on Lot 4.	Project Manager	Medium	Low
12	CPO confirmation delays start	Financial spend profile would need to be amended 16/17 and 17/18	Medium	Medium	Monitor progress of land negotiations and any likelihood of a Public Enquiry. Update at monthly project Project board	Project Manager	Medium	Low