

Appendix C – A34 Main Corridor: Risk Management Assessment

BCR A34 Main Corridor

No	Item of Risk	Potential Impact	Inherent Risk		Control Measures	Control Measure Managed by	Residual Risk	
			Impact	Likelihood			Impact	Likelihood
1	Resourcing capacity and ability to programme in necessary stats diversions by the statutory undertakers in line with the works programme.	Delay to works commencing, extended works programme and cost overruns.	High	High	On-going stakeholder consultation and dialogue. Co-ordination meetings being held to agree designs and programming of works. The appointed ECI Contractor will be contracted to plan, manage and coordinate Statutory Undertaker diversions in accordance with the specific requirements detailed in the contract.	Project Manager, Contractor	Medium	Medium
2	Unidentified Statutory Undertakers equipment.	Cost and time overruns.	High	High	Undertake Ground Penetration Radar (GPR) surveys of the site and trial holes during ECI Stage. Close liaison with the Statutory Undertakers to ensure accurate information is available to the Contractor. Design to be altered to avoid clashing with Statutory Undertakers Equipment. Flag up through Early Warning Notice procedure and work collectively to mitigate impact on the project cost / programme. ECI Contractor managing the process to identify and divert Statutory Undertakers equipment.	Project Manager	High	Medium
3	Construction cost increases after works have commenced on site.	Funding above the allocated contingency sum not identified.	Medium	Medium	ECI process has been used to confirm design details and accurate budgets. Continued discussions with the site team, Quantity Surveyor and Contractor to mitigate risks and raise early warnings. Contract will be managed with tight change controls monitored through an electronic change database tool (Contract Change Management). Apply value engineering and consider descoping.	Project Manager, Quantity Surveyor, Contractor	Medium	Medium
4	Disruption to road users during the construction stage.	Delays to highway users.	High	High	Careful planning, phasing and consideration to be made of the construction programme for A34 route to ensure disruption is kept to a minimum. The Contractor is working with the Project Manager and Traffic Management Services throughout the ECI stage to further investigate traffic management controls to implement the works with least overall impact to users. Introduce pro-active traffic monitoring during the works. Members of the public to be informed prior to start of works of the likely disruption, the diversion routes and advised to use other modes of transport.	Project Manager, Traffic Management Services, Contractor	Medium	Low
5	Objections to the scheme being received as a result of further advertisement of Traffic Regulation Orders.	Potential delay, omission or amendment of scheme proposals.	High	High	6 week consultation held briefing on the scheme proposals with Ward Councillors, key stakeholders and members of the public. The public consultation has not raised major concerns over the TRO proposals. Continuing to liaise with TFWM during design process over bus lane proposals and capacity reduction between Lancaster Circus and Princip Street.	Project Manager	High	Medium
6	Impact of other highway proposals on securing road space	Delay to works commencing & extended programme due to working hour restrictions that may be imposed.	High	High	Road space has been booked as part of ECI Process. Close liaison has been held with Traffic Manager to coordinate works with other highway schemes on strategic routes. Contractor has engaged closely with the other delivery partners to manage impact to highway users.	Project Manager	Medium	Low
7	Disruption to businesses during the construction stage.	Loss of trade. Potential for traders to seek compensation from Council for any disruption to businesses.	High	High	There will be ongoing dialogue with the businesses throughout the works and access will be maintained. Careful planning, phasing and consideration to be made of the construction programme to ensure disruption is kept to a minimum. The appointed Contractor is to work with the Project Manager and Traffic Management Services throughout the design development stage to further investigate traffic management controls to implement the works with least overall impact to users.	Project Manager, Traffic Management Services, Contractor	Medium	Low
8	Cost /time overruns	Cost exceed budget	Medium	Medium	During the ECI Process detailed estimates have been used to build up scheme costs including contingency provision. The contract comprised an ECI stage followed by a construction stage. During the ECI stage the tendered construction cost have been reviewed and adjusted where necessary and a target cost set to deliver the works within the construction period of 9 months. It is anticipated that any cost increase or time overruns resulting in a cost increase will be contained within the allocated contingency provision. The contract will be subject to tight change controls monitored through a electronic change database tool (Contract Change Management). In the event the project cost is expected to exceed the allocated budget the City Council will work with the Contractor to descoped the works if at all possible and apply value engineering savings, if the cost cannot be contained within the approved budget a report will be brought forward to seek additional funds.	Project Manager / Site supervisors/Contractor	Medium	Low
9	Impact on Air Quality	Delays to schemes approvals. Potential to objections to TRO's if Air Quality is impacted.	Medium	Medium	Air Quality Assessments have been undertaken on the route and confirm that the scheme has no impact on Air Quality. TRO's can be advertised without need to supply Air Quality Information.	Project Manager	Low	Low