

Appendix C – A38 Main Corridor: Risk Management Assessment

BCR A38 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 bECI 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. | Project Manager | Medium | Low |
| 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. Apply value engineering and consider descoping. | Project Manager, Quantity Surveyor, Contractor | Medium | Low |
| 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 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 the advertisement of the 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 raised some concerns over the TRO proposals and some junctin layouts. Revised options are being considered. | 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. | 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 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 | Medium |
| 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 comprises an ECI stage followed by a construction stage. During the ECI stage the tendered construction cost has been reviewed and adjusted if necessary and a target cost set to deliver the works within the construction period of 8 months. It is anticipated that any cost increase or time overruns resulting in a cost increase will be contained within the allocated contingency provision. In the event the project cost is expected to exceed the allocated budget the City Council will work with the Contractor to descope the works in 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 |