

A611 Junction Improvements - RISK REGISTER

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Page 1
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A611 Junction Improvements Risk Register - June 2017.XLS

KEY:

Key/ Critical	(Score 16 & greater)
Intermediate	(Score 6 to 15)
Minor	(Score 1 to 5)

Notes:

Probability & Severity are measured with numerical values where 1 is low and 5 is high.

RISK IDENTIFICATION & MITIGATION						RISK ASSESSMENT - RESIDUAL RISK		
Ref	Category	Risk	Potential Impact	Mitigation Action (to date)	Probability	Severity	Risk Score/ Category	
1	Financial	The risk that the estimate exceeds the approved budget.	Significant increase in estimate could endanger viability of project	Director and Leader keen to progress, risk with NCC not outside bodies	5	5	25	
2	Financial	The risk that expenditure will not match funding profile.	Variations/Delays to funding stream will delay project delivery	Ongoing discussions with all stakeholders	3	4	12	
3	Resources	The risk that there is insufficient design resource (engineering)	Inability to progress critical elements of the project.	Design Resource availability is based on current key dates	2	5	10	
4	Resources	The risk that the design team does not have required skills mix to deliver the project	Inability to progress critical elements of the project	External contracts in place with consultants	1	3	3	
5	Financial	The risk that the final cost exceeds target price.	Impact on delivery of other key NCC projects	Review of previous Framework partner schemes suggests this is low risk. Penalties in place for exceeding target price	2	4	8	
6	Financial	The risk that the cost of utilities diversions cannot be quantified (electricity/communications/gas/water).	If costs can not be quantified at an early stage, this could add to cost of project	Design Team to get budget estimates from SU's	1	3	3	
7	Technical	The risk that proposals will not be acceptable to the E.A./N.C.C (Local Lead Flood Authority)	May impact on project delivery/cost	Need to engage in dialogue with E.A./N.C.C (Local Lead Flood Authority) very early in programme.	4	4	16	
8	Technical	The risk that acceptable Drainage Design (Surface) - outfall can not be agreed with E.A./N.C.C (Local Lead Flood Authority)	May impact on project delivery/cost	Need to engage in dialogue with E.A./N.C.C (Local Lead Flood Authority) very early in programme.	4	4	16	
9	Technical	The risk that the design cannot overcome highway safety audit concerns	Delay to the production of an acceptable design	Early discussions with safety audit team with regard to the scheme have been undertaken.	1	3	3	
10	Technical	The risk that the Traffic Regulation Orders will not be ready on time (including Temporary Traffic Regulation Orders)	Objections may be raised that will, trigger report to T&H Committee, leading to delays to project delivery.	Sub Consultant will need to be appointed early in process to undertake review of TRO requirements and will be retained to process orders.	2	4	8	
11	Technical	The risk that the environmental impacts of scheme are damaging	Loss of trees due to project . Noise impacts of Shoulder of Mutton Hill improvements on adjacent properties. Air pollution.	Review of tree loss and required mitigation. Pre Start noise impact surveys to be carried out. Risk for compensation under Land Compensation Act 1973 lies with NCC.	3	4	12	
12	Contractual	The risk that delays in carrying out diversion of Utilities will impact on delivery programme (electricity/communications).	Over run of key elements could impact on project delivery.	Need to get Utility Companies on board early.	2	4	8	
13	Contractual	The risk that during construction, contaminated ground/materials are encountered.	Low impact	ground investigation has been programmed.	1	3	3	
14	Contractual	The risk that the main Contractor goes into liquidation.	Main contractor not appointed yet.	Other framework contractor would be appointed to continue the build. There would be a delay, but project would continue	1	5	5	
15	Contractual	The risk that agreed construction programme/ milestones will over run	Over run of key elements could impact on road space availability.	Arrange early meeting with Highways Co-ordination Team regarding temp TROS.	4	4	16	
16	Contractual	The risk that the construction is not finished on programme i.e. construction period over runs	Impact on source of funding.	Construction Programme takes account of critical end date	2	4	8	
17	Contractual	The risk that construction traffic will cause congestion/disruption to the existing highway network	Low impact	Decision required as to routeing of construction traffic.	1	3	3	
18	Contractual	The risk that neighbours will suffer unacceptable disturbance during construction	Low Impact	Impact on ocupiers/owners of affected properties identified. Designer & Main Contractor to engage with afected ocupiers/owners through regular meetings to inform of works throughout the design and delivery process	1	4	4	
19	Contractual	The risk that the site will suffer from vandalism during construction	Could impact on delivery of construction programme.	Consider appropriate security measures for construction phase (bulk of risk will be transferred to contractor during this phase).	4	2	8	
20	Contractual	The risk that public safety will be an issue during construction	Could impact on delivery of construction programme.	Consider appropriate security measures for construction phase (bulk of risk will be transferred to contractor during this phase).	2	3	6	