

A51 Major Maintenance Works Shropshire Union Canal Bank Stabilisation
Risk Register
 Contract: Cheshire East Highways

Ref	Risk / Opportunity Category	Risk / Opportunity Description	Consequence / Effect	Assessment of untreated risk				Risk Treatment i.e. what are we going to do about this risk			Assessment of residual risk			Commercial Risk	Owner
				Impact	Probability	Untreated score (don't write in here)	Proximity i.e. when will this risk impact	Action	By when	By Whom	Impact	Probability	Residual score		
1	Delivery (Programme)	Diversion/upgrading of existing underground services and utilities.	Risk; Delay in stats diversion/upgrading works resulting in delays to overall programme and increased financial cost of scheme. Risk; Poor co-ordination of works between utility companies and Cheshire East Council Highways resulting in construction interface quality issues, delays to construction programme and increased scheme costs.	4	6	24	Apr-16 to Sep-17	Consultation with utility companies to be undertaken as early as possible into planning and design phases. For this project to be a success it is critical that the stats diversion/upgrading works are co-ordinated effectively with both the construction of the Cheshire Green Employment Park development and the embankment / carriageway stabilisation works.	Apr-15	CEC / CEH Design Team	4	3	12		Gary Mallin
2	Stakeholders (Land & Planning)	Land access issues and third party compensation claims, due to permanent/temporary loss of land, loss of business etc.	Risk; Delay in construction works commencing on site, resulting in delay to overall programme and putting completion date of October 2017 in jeopardy. Risk; Unanticipated additional legal costs and third party compensation costs (i.e. Compulsory Purchase Orders (CPO), solicitors fees)	4	5	20	Oct-16 to Sep-17	As part of the Communications Plan, Cheshire East Council Highways will initiate a dialogue with nearby businesses (i.e. NWF, Nick Brookes Group) and adjacent landowners (particularly Canal & River Trust), as early as possible into the design process, as this will help identify any major land access or third party compensation claim issues and control/mitigate the associated risks well before procurement of the construction contract. Where required Early Contractor Involvement will also be utilised, as this will help identify how the construction works are likely to impact on neighbouring land.	Aug-15	CEC / CEH Design / Legal Teams	4	2	8		Gary Mallin
3a	Stakeholders (Land & Planning)	Co-ordination of embankment stabilisation and carriageway re-construction works with Cheshire Green Employment Park Section 278 junction improvement works. The S278 works will consist of the construction of a new roundabout and re-surfacing works along a section of the A51 Nantwich Road at Wardle.	Risk; Delay in S278 junction improvement works resulting in delays to programme and increased overall cost of embankment stabilisation works. Risk; Poor co-ordination of works between Private Developer and Cheshire East Council Highways resulting in construction interface quality issues, delays to construction programme and increased scheme costs.	4	5	20	Apr-16 to Sep-17	Communications Plan to be created to ensure all key stakeholders are consulted during planning and design phases, and to ensure all nearby works are co-ordinated effectively during the construction phase. With regards to the Cheshire Green Employment Park the key stakeholders will include the Private Developer, Canal & River Trust and Cheshire East Council Highways Design, Development Control and Planning Teams.	Apr-15	CEC / CEH Design / Development Control / Planning / Communications Teams	4	2	8		Gary Mallin
3b	Stakeholders (Land & Planning)	Co-ordination of embankment stabilisation and carriageway re-construction works with Cheshire Green Employment Park Section 278 junction improvement works. The S278 works will consist of the construction of a new roundabout and re-surfacing works along a section of the A51 Nantwich Road at Wardle.	Opportunity; Reduce overall cost of scheme by seeking financial contributions from the Private Developer for the carriageway re-construction works in the vicinity of the junction improvements, as part of a S278 or S106 agreement. Opportunity; Reduce overall cost of scheme by seeking financial contributions from the Private Developer for diversion/upgrading of existing services and utilities along the A51.	4	5	20	Apr-16 to Sep-17	Communications Plan to be created to ensure all key stakeholders are consulted during planning and design phases, and to ensure all nearby works are co-ordinated effectively during the construction phase. With regards to the Cheshire Green Employment Park the key stakeholders will include the Private Developer, Canal & River Trust and Cheshire East Council Highways Design, Development Control and Planning Teams.	Apr-15	CEC / CEH Design / Development Control / Planning / Communications Teams	4	2	8		Gary Mallin
4	Stakeholders (Political / Social)	Public relations and perception of scheme.	Risk; Complaints from MP's, Councillors and Members of the public due to disruption of highway and canal network during construction works. Risk; Reputational damage to Cheshire East Council and Canal & River Trust due to poor public relations.	3	6	18	Apr-16 to Sep-17	Communications Plan to be created to ensure scheme gets 'buy in' from all relevant MP's and Councillors. Once 'buy in' gained from key stakeholders then during design phase will need to undertake further consultation with members of the public, adjacent landowners and nearby businesses to inform them about the details of the scheme and why the works need to be undertaken. During construction phase all stakeholders will be updated on progress of the scheme.	Aug-15	CEC / CEH Design / Communications Teams	3	2	6		Gary Mallin
5	Delivery (Programme)	Unforeseen ground conditions encountered during construction phase (i.e. Poor ground conditions, contaminated land, ground obstructions)	Risk; Chosen engineering solution having to be re-designed during construction works, leading to delays to the overall programme, increased scheme cost and loss of reputation to Cheshire East Council.	4	4	16	Oct-16 to Sep-17	Undertake review of current Geotechnical reports during design phase and undertake further ground investigation work as and where required.	Jul-15	CEC / CEH Design Team	4	3	12		Gary Mallin
6	Environmental	Environmental issues, such as presence of protected wildlife species onsite, presence of non-native invasive species or presence of archaeological remains onsite.	Risk; Presence of protected wildlife species, non-native invasive species or archaeological remains on site resulting in delays to construction programme and increased mitigation costs (i.e. installation of new fencing or artificial badger sets, additional costs of Ecologist or Archaeologist being present onsite during construction works). Risk; Fines due to unintentional non-compliance with environmental legislation.	4	4	16	Oct-16 to Sep-17	During design phase undertake Environmental Impact Assessment for scheme (including detailed flood risk assessments, ecological and archaeological surveys as and where required).	Jul-15	CEC / CEH Design / Heritage & Conservation Teams	3	2	6		Gary Mallin