

Worcestershire County Council - Kepax Bridge

Client: Worcestershire County Council
 Project: Kepax Bridge
 Location: Worcester, Worcestershire

Project Risk Register: Qualitative

Status Date: 5-Nov-19

Project No: 694944CH.BA.23

Risk No.	Risk Description:	Qualitative Analysis									Action		
		Control Dates		Before Treatment			Status	After Treatment			Treatment Type	Treatment Plan	Risk Owner
		Identified	Closed	Impact Cat.	Prob. Cat.	Risk Ranking		Impact Cat.	Prob. Cat.	Risk Ranking			
001a	Land required not within client's ownership	30-Jul-18		High	Medium	Medium	Active	High	Low	Medium	Mitigate	Investigate land take requirements by development of engineering solution	WCC
001b	Land required not within client's ownership	30-Jul-18		High	Medium	Medium	Active	High	Low	Medium	Mitigate	Identify affected land owners - Shown as Worcester City and Worcestershire County Councils	WCC
001c	Land required not within client's ownership	30-Jul-18		High	Medium	Medium	Active	High	Low	Medium	Mitigate	Engage with land owners and establish procedures for land use	WCC
002	Unknown ground conditions, requiring extensive ground improvements and increased foundations	14-Sep-18		High	Very High	High	Active	High	Medium	Medium	Mitigate	Carry out extensive ground investigations on both sides of the river and design foundations to suit. Keep Project/Key Stakeholder informed of outcome of Ground Investigations on both sides of the river	WCC
003	Constructability of the structure and restrictions on access to the site construction areas	14-Sep-18		High	Medium	Medium	Active	High	Medium	Medium	Mitigate	Review access and egress points to site, possible ECI?	WCC
004	Demand and Economics for the structure do not justify the business case	18-Jan-19		High	High	High	Active	High	Medium	Medium	Mitigate	Carry out demand and economics review for the structure. Keep Project/Key Stakeholder informed. Key Decision Point	WCC
005	Archaeological significance of the bridge location site	18-Jan-19		High	Medium	Medium	Active	High	Medium	Medium	Mitigate	Carry out Archaeology survey to landing sites to determine the potential of any potential issues. Keep Project/Key Stakeholder informed.	WCC
006	Impacts of the Ecology of the bridge location site	15-Feb-19		Medium	High	Medium	Active	Medium	High	Medium	Mitigate	Carry out Ecology Survey to determine any mitigation that will need to be built into the scheme. Keep Project/Key Stakeholder informed.	WCC
007	Flooding to both the willow carr and Gheluvelt park landing areas preventing access to the bridge. Impact on investigations and construction during scheme delivery	15-Feb-19		High	High	High	Active	High	Medium	Medium	Mitigate	Carry out Flood Risk Assessment (required as part of the planning submission) and determine any flood defences that are required. Keep Project/Key Stakeholder informed. Co-ordinate works to avoid periods of high flows.	WCC
008	Impact of planning requirements on the delivery programme	15-Mar-19		Medium	High	Medium	Active	Medium	Low	Medium	Mitigate	Understand the actual planning requirements of the council.	WCC
009	Not able to obtain statutory act to cross the River Severn	18-Mar-19		High	Low	Medium	Active	High	Low	Medium	Mitigate	Consult with Worcestershire County Council legal department to determine what the legal requirements are.	WCC
010	High inflammable/poisonous gas levels emitting from landfill site effecting construction of foundations and access route	15-Apr-19		Medium	High	Medium	Active	Medium	High	Medium	Mitigate	Ensure Ground Investigation includes review of Gas Levels, Where levels are in the range of ignition possible flaming may be required. Ensure confined space operations in construction are kept out a minimum. Design out any locations where gas can accumulate. Specialist advise required during design stage.	WCC
011	Inadequate connectivity of the structure to the existing network highway/PROW network prevents planning approval	21-May-19		High	Medium	Medium	Active	High	Medium	Medium	Mitigate	Full review of the linkages required to access the structure from the existing highway/PROW network in order to obtain planning approval and maintain public access	WCC
012	Poor access to the structure from the surrounding cycling and walking network restricts use and impacts the business case	20-Jun-19		High	High	High	Active	High	Medium	Medium	Mitigate	Review of improvements required to existing pedestrian and cycling network on both sides of the bridge to improve scheme benefits and outline business case. Range of options for linkages to be reviewed.	WCC
013	Budgetary pressure - Shortfall in funding for construction of the scheme	21-Jun-19		High	High	High	Active	High	Medium	Medium	Mitigate	Full scope and cost of works to be identified from ongoing studies and reported in the Outline Business Case. Funding gap will need to be resolved with additional funding potentially from Third Parties	Worcs CC WCC
014	Ecology - identification of high numbers of slow worms, translocation sites to be identified	8-Jul-19		High	High	High	Active	High	Medium	Medium	Mitigate	Surveys to be undertaken to identify extent of population, potential impact of construction and end use structure and links. Availability of translocation sites - potential sites to be identified.	WCC
015	Tree preservation orders	8-Jul-19		High	Medium	Medium	Active	High	Medium	Medium	Mitigate	Surveys to be undertaken to determine extent of orders and potential orders (those that haven't been put in place due to land ownership)	WCC
016	Additional funding processes / cycle impacting on phasing of the works along with extended programme duration, impacting on political aspirations for delivery timescale.	23-Sep-19		High	High	High	Active	High	Medium	Medium	Mitigate	Continue to search for additional funding streams, identify potential options, manage political aspirations to suit.	WCC
017													
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		Identified	Closed	Most Likely		Risk Ranking		Most Likely		Risk Ranking			
Impact Cat.	Prob. Cat.	Impact Cat.	Prob. Cat.	Risk Ranking	Impact Cat.	Prob. Cat.	Risk Ranking						
020													
021													

Notes:
RBS Level 1: T=Technical, M=Management, C=Commercial, E=External
Treatment for Threats: Avoid, Mitigate, Accept, or Transfer
Treatment for Opportunities: Exploit, Share, Enhance, or Accept
For Opportunities: Cost and Schedule Impacts need to be entered as negative values