

CDM 2015 – Hazard Identification and Risk Assessment

Project title:	Botley Woodhouse Meadows Route 1	Principal Designer P.O:	TBC
Assessing Designer/s:	Ross Hemsley	Job No:	R.J510518.01
Project Manager:	Ross Hemsley	Project complexity:	Low
Client Project Officer: Grist	Dom	Client organisation:	Hampshire 2050
		Design stage:	Preliminary Design

Description of activity (including frequency and duration)	Significant hazards identified and people at risk during: construction (C) maintenance (M) or Use (U)	Initial risk rating (see note A)	What have you done as Designer or Project Manager to reduce the risk?	Residual risk rating (see note A)	What do you expect the Contractor to do to minimise or remove the risk Is a method statement to be submitted by the Contractor?	Further action (✓ if to be included in document)	
						H&S Plan	H&S File
Falls from height potentially into deep water during flood conditions at the culvert by pedestrians/cyclists	Drowning (M, U) Falls from height (M, U)	3	Guardrails for pedestrians & cyclists to be used over culvert and on approaches	2	N/A - design issue	☐	☐
Vehicles leaving the access track during use, particularly over the culvert	Errant vehicles (U)	3	RSA1 to be used to inform design. Due to very low vehicular traffic flows and speed, an RRS is not required but bollards have been proposed to direct traffic over the culvert in low light and potential flood conditions	2	N/A - design issue	☐	☐
Unauthorised Access into culvert	Drowning, persons becoming trapped (U)	3	Design of the culvert box is largely dictated by EA flood risk requirements. Fencing will be included on the approaches and over the culvert to confine users to the track.	2	N/A - design issue, with EA constraints on the design	☐	☐

Note A

		H	M	L
Severity	H	3	3	2
	M	3	2	1
	L	2	1	1
Likelihood				

Severity

H – Fatality, major injury causing long term disability
M – Injury or illness causing short term disability
L – Other injury or illness

Likelihood

H – Certain, or near certain
M – Reasonably likely
L – Very seldom or never

RISK RATING

3 – High risk – Action required
2 – Medium risk – Action required unless good
reason
1 – Low risk – No action

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Working within watercourse and using temporary watercourse diversion	Increased flood risk up/downstream affecting people & property (C) Risk of falling into watercourse (C)	3	Requirements for watercourse diversion included in preconstruction information. Will require agreement with the Environment Agency as part of the Flood Risk Activity Permit	2	Contractor to provide RAMS to EA and agree FRAP prior to start of construction	☐	☐
Pedestrian and vehicular traffic management during construction	Passage over the existing culvert will be blocked during construction, pedestrians may try to cross watercourse up/downstream leading to trips/falls/drowning (C)	3	Suggest warning signs and diversion routes for Client and Contractor to implement. Hazard to be highlighted in preconstruction information.	2	Contractor to address in Construction Phase Plan	☐	☐
Movement of large precast concrete units, reinforcement, and other bulky/heavy materials	Soft ground moving under load, Falling/unstable materials causing harm (C)	3	Hazard to be highlighted in preconstruction information	2	Contractor RAMS to form part of CPP		

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Demolition of existing culvert structure and removal of temporary steel bridge	Collapse of unstable structure (C)	3	Hazard to be highlighted in preconstruction information. Details of existing structure and temporary Mabey bridge provided for Contractor.	2	Contractor RAMS to form part of CPP		
						☐	☐

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