<u>Risk Register</u>

ATKINS Add Rows Delete Row Spell Check

No. No. No. No. No. No. No. No. No. <	ex	ovements OBL	D, Review Da	ate: 22-Mar-22, Up	pdate Numbe	er: P01.3		Risk Information							c	Current - Qu	alitative		Previous Sc	core		Target - Qualita	ative	
	Pick																Schedule			Status Since Last			Schedule	
	Risk Risk ID Ranking	ID Date Id	lentified Ris	k Status Threat/Op	opportunity	Risk Title	Risk Description	Cause	Effect	Risk Type	Risk Source F	Risk Owner Note	Prob	Cost	Schedule	Reputation	Substantial Completio (SC)	n Objective Score	[2 Reviews Prior] Review Score	re Review Pr	ob Cost Sched	ule Reputation C	Substantial pmpletion (SC)	Objective
	- R3	26-Ja			Brid ireat is se	dges' structural capacity (2): (Assuming the fundin secured) delay caused by time required to	^g Delay to programme (OBC approval) until the assessment is carried out and result are fed back to the design.	HIE requires the structural assessments to be produced before the OBC is approved	Delay to the OBC programme	Technical	requirements/standa							-						
N N N N N					Envi	dertake the assessments	-	Unexpected ecology encountered during the	Addional mitigation measures might be required to			26/01/2021: the probability of the risk increases with if the	1 - Vendow -	1 - Verv Low - 1						1.10				1 - Very Lov
N N N N N N <th< td=""><td>25 R10</td><td>) 26-Ja</td><td>an-21 1</td><td>. Open Thr</td><td></td><td></td><td>unexpected ecology.</td><td></td><td></td><td>Construction</td><td>Construction</td><td>size of the required land increases (R6)</td><td></td><td>100K</td><td></td><td>0 - Negligible</td><td>0 - Negligible</td><td></td><td></td><td></td><td>10% 1 100K 110100</td><td></td><td></td><td>Negligible impa business object</td></th<>	25 R10) 26-Ja	an-21 1	. Open Thr			unexpected ecology.			Construction	Construction	size of the required land increases (R6)		100K		0 - Negligible	0 - Negligible				10% 1 100K 110100			Negligible impa business object
1 1	- R11	1 26-Ja			reat Envi	vironment (2): Air and Noise sensitivity tests comes		Air and Noise sensitivity tests outcome indicates furthe testing needed	Programme impact: delays to the programme Cost: additional cost for undertaking further studies	Environmental	Survey results	28/02/22: modelling is planned to be done												
No. No. No. No. </td <td></td> <td>5 - Very High -</td> <td></td> <td></td> <td></td> <td></td> <td>5 - Very High -</td> <td>5 - Verv Hid</td>																		5 - Very High -					5 - Very High -	5 - Verv Hid
N N	10 R7	26-Ja	an-21 1	Open Thr	reat Dep	parture from standards (general entry)			standards	Technical	requirements/standa	the probablility)	2 - Low - 10%-	0 - Negligible	0 - Negligible	0 - Negligible	0 - Negligible	Unable to deliver				U Nasiala U	Inable to deliver	Unable to d major busi
N N </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Potential addional cost for rework (only)</td> <td></td> <td>rds</td> <td>cost of changing the design on the three-lane proposal will</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>commitments</td> <td></td> <td></td> <td></td> <td></td> <td>ommitments</td> <td>commitm</td>									Potential addional cost for rework (only)		rds	cost of changing the design on the three-lane proposal will						commitments					ommitments	commitm
N N N N N					0.44	d		Current condition of bridges may indicate the	4 Aba and anno is an Inconssiphie				4)(and any							1.15				5 - Very H
	16 R5	26-Ja	an-21 1	. Open Thr				assessment results (both desktop and intrusive) may not be satisfactory	1. the scheme is no longer wable	Technical	Survey results			0 - Negligible	0 - Negligible	0 - Negligible	0 - Negligible	major business 5		196-	-10% 0 - Negligible 0 - Negli	gible 0 - Negligible) - Negligible	Unable to o major bus commitm
																								<u> </u>
No No No N	- R1	26-Ja	an-21 4. M	Closed - Thr itigated	reat Trar	ansport planning: Design traffic flows values	Atkins unable to agree design flow rates with key stakeholders (HiE, DfT,Wiltshire Council)			Technical	Technical	local plan review, DfT scenario to achieve a good BCR is		0 - Negligible	0 - Negligible	Minor local adverse media	0 - Negligible	existing				gible 0 - Negligible	J - Negligible	0 - Negli
N N N N N N <th< td=""><td>- R17</td><td>7 26-la</td><td></td><td></td><td>reat Chir</td><td>innenham Gateway Interface</td><td></td><td>intenace with origoing works done by chippennam</td><td></td><td>Reputational</td><td>Interface</td><td></td><td></td><td></td><td></td><td>coverade</td><td></td><td>- communents and</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	- R17	7 26-la			reat Chir	innenham Gateway Interface		intenace with origoing works done by chippennam		Reputational	Interface					coverade		- communents and						
N N N N N				ketired		,,,		1	integration between the two schemes			19.04.21: to be revised and potentially closed next meeting								4				<u> </u>
10 10 <t< td=""><td>- R39</td><td>9 26-Ja</td><td>an-21 F</td><td>Closed - Thr Retired</td><td>reat Van</td><td>ndalism (site break in, damage to plant).</td><td></td><td>2. Unsecured sites</td><td>reputational damage</td><td>Construction</td><td>Construction</td><td>28/02/2022: contractors risk</td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	- R39	9 26-Ja	an-21 F	Closed - Thr Retired	reat Van	ndalism (site break in, damage to plant).		2. Unsecured sites	reputational damage	Construction	Construction	28/02/2022: contractors risk						-						
10 10 </td <td>6 R37</td> <td>7 26-Ja</td> <td>an-21 1</td> <td>. Open Thr</td> <td>reat Incid</td> <td>ident on wider road network</td> <td>Delays and increased cost as a result of incidence forcing construction to stop or additional measures to be implemented</td> <td>A separate issue in the wider network impacting the construction works</td> <td>Cost and Delays</td> <td>Commercial</td> <td>Construction</td> <td>TBC after QS work is completed</td> <td></td> <td></td> <td>2 weeks</td> <td>Complaint</td> <td>0 - Negligible</td> <td></td> <td></td> <td></td> <td>i-10% <100K < 2 we</td> <td>eks Trends</td> <td>ð - Negligible</td> <td>0 - Negl</td>	6 R37	7 26-Ja	an-21 1	. Open Thr	reat Incid	ident on wider road network	Delays and increased cost as a result of incidence forcing construction to stop or additional measures to be implemented	A separate issue in the wider network impacting the construction works	Cost and Delays	Commercial	Construction	TBC after QS work is completed			2 weeks	Complaint	0 - Negligible				i-10% <100K < 2 we	eks Trends	ð - Negligible	0 - Negl
N No. No. No. No. No.	R46	6 8-Ju	JI-21 1	. Open Thr			the programme	within the time frame		Commercial				1 - Very Low - <100K	2months-	0 - Negligible	0 - Negligible	inconsistent delivery 12		1 - Ver 1%	-10% <100K 2monti	ns- 0 - Negligible		0 - Neg
N N N N N	R15	5 26-Ja					Delays in the fixing the design of the option which may result in the need to change the design slightly and therefore need to rework some aspects e.g. the	Delays in the fixing the design of the option (related to R12)	Cost & Programme Impact due to addition of scope	Commercial	Scope				Smortuns			-			amont			
10 10 </td <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>environmental studies Design clashes with existing/future services not currently taken in to account in the</td> <td></td> <td>Cost associated with diverting /protecting services</td> <td>Construction</td> <td></td> <td>26/01/2021 A robust as built of existing service locations is required, assumptions within the cost estimate and delivery</td> <td>4 - High - 50%-</td> <td>3 - Medium -</td> <td>4 - High - 2months-</td> <td></td> <td>0 - Nealiaible</td> <td></td> <td></td> <td></td> <td></td> <td>h - 1 - Very Low - Is- One off limited</td> <td>0 - Negligible</td> <td>2 - Low</td>				-			environmental studies Design clashes with existing/future services not currently taken in to account in the		Cost associated with diverting /protecting services	Construction		26/01/2021 A robust as built of existing service locations is required, assumptions within the cost estimate and delivery	4 - High - 50%-	3 - Medium -	4 - High - 2months-		0 - Nealiaible					h - 1 - Very Low - Is- One off limited	0 - Negligible	2 - Low
Image: Bin and and and any and any and any			e	Place	serv		design		Cost & programme risks associated to potential design			programme based on NRSWA C3's will assume a worst	75%	250K - 500K						75				of bu
N N N N N			1	Holder			Estimating Uncertainty	, i i i i i i i i i i i i i i i i i i i	can increase or decrease the amount of contingency	Commercial	ÉÜ	09.08.21 added tollowing QS estimates						-		4				<u> </u>
No No </td <td>R2</td> <td>26-Ja</td> <td>air-21</td> <td>Holder</td> <td></td> <td></td> <td></td> <td>following current standards .No agreement in place between Wiltshire and NH on funding</td> <td>Increased scheme cost to cover the assessments' cost</td> <td>Commercial</td> <td>Commercial</td> <td>28/02/2022: scheme cost to be prepared.</td> <td></td> <td></td> <td></td> <td></td> <td>0 - Negligible</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>	R2	26-Ja	air-21	Holder				following current standards .No agreement in place between Wiltshire and NH on funding	Increased scheme cost to cover the assessments' cost	Commercial	Commercial	28/02/2022: scheme cost to be prepared.					0 - Negligible	-						-
Image: bit in the stand stan	R13	3 26-Ja	an-21 5.	Closed - Thr npacted	reat Envi	vironment (3): Ecology survey outcomes	(e.g. change of construction methodology, addional surveys etc.) and/or further	Findings from the Phase 1 Ecology survey	Programme and Cost impact	Environmental	Survey results	apply a percentage on the baseline cost						-						
N No No <th< td=""><td></td><td></td><td></td><td></td><td>Fail</td><td>ilura ta sasura lacal contribution (15%, of</td><td></td><td>Upportainty related the programming of Suture</td><td></td><td></td><td></td><td></td><td>2 Modium</td><td></td><td></td><td></td><td></td><td></td><td></td><td>2 1 0</td><td>w 10%</td><td></td><td></td><td>5 - Ve Unable</td></th<>					Fail	ilura ta sasura lacal contribution (15%, of		Upportainty related the programming of Suture					2 Modium							2 1 0	w 10%			5 - Ve Unable
Note Note Note Note No	R50	uL-9 (JI-21 1	. Open Thr			viable/no longer providing funding	Chippenham development	impacts the argument for the scheme	Commercial	Third party response	05/04/2022:		0 - Negligible	0 - Negligible	0 - Negligible	0 - Negligible	major business 15				gible 0 - Negligible	J - Negligible	major b comm
N N	R45	5 8-Ju					Future Chippenham development size is reduced significantly leading BCR for this	Challenges with deliverability of the full development as	Scheme termination	Commercial	Market													
Image: Proprint in the standing of the standin			M	itigated	sho	ow stopper	scheme to become unacceptable to DFT	planned				changed so the probablity is reduced						4 - High - Major		+				2 - Low
Normal Problem Normal Problem Normal Problem Normal Pr	R43	8 8-Ju	ul-21 1	Open Thr			Future Chippenham development size is reduced significantly leading to the need to chance the design of the M4 J17		Business Case	Commercial	Third party Interface					0 - Negligible	0 - Negligible	existing 10						inconsiste of but
N No No <th< td=""><td></td><td></td><td></td><td></td><td>ona</td><td></td><td></td><td></td><td>3. Programme delay</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>obje</td></th<>					ona				3. Programme delay															obje
	- R4	26-Ja						assessments due to current bridge condition - uncertainty in their programme would impact the	Increased cost for FBC and rework for OBC	Commercial	Technical							-						
No No </td <td>. R18</td> <td>3 26-Ja</td> <td></td> <td></td> <td>reat Inter</td> <td>erface Management (general entry)</td> <td></td> <td>other schemes are planned/anticipated creating a</td> <td>Scheme will be terminated in its current format</td> <td>Technical</td> <td>Interface</td> <td>not included in the QCRA for now</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	. R18	3 26-Ja			reat Inter	erface Management (general entry)		other schemes are planned/anticipated creating a	Scheme will be terminated in its current format	Technical	Interface	not included in the QCRA for now						-						
N N	- R22	2 26-Ja						to Existing plans to implement Smart Motorways	Potential design change (programme & cost)	Technical	Interface	necessary						-						
1 1 1 1 1				cuico -	prog	gramme	change the design to rutare proof the scheme					19/04/2021 no indication from Wiltshire Council												
No. N	1 R25	5 26-Ja	an-21 1	. Open Thr	reat Incr	reased prices of materials	Inflation of prices of labour and material is higher than previously assumed in the	2. delay in quotations	Increased cost of the scheme	Market Factors	Market		5 - Very High -	5 - Very High - >		0 - Negligible	0 - Nealiaible	inconsistent delivery			ry Hign - 5 - Very Hign - 2month		0 - Negligible	2 - Low - inconsister
No No No Mach and any and any and any							OBC					the assumptions made	75%-99%	1M	3months					/5%-	-99% > 1M 3mon ⁴	hs	55	of bus objec
Normal Normal<	- R24	26-Ja	an-21 6	. Place Thr	reat Floo	od Mitigation Strategy	Lack of flood mitigation strategy. Risk of flooding not mitigated.	Lack of a flood mitigation design development due to		Technical	Technical		e				0 - Nealiaible							
A A				Holder																				5 - Very
No </td <td>3 R29</td> <td>) 26-Ja</td> <td>an-21 1</td> <td>Open Thr</td> <td>reat deve</td> <td>lure to secure DfT funding (85% of the velopment and delivery cost)</td> <td>lack of funding no further progression after OBC</td> <td>2. Change in government policy</td> <td>5 5 5</td> <td>Commercial</td> <td>Market</td> <td></td> <td>4 - High - 50%- 75%</td> <td>0 - Negligible</td> <td>0 - Negligible</td> <td>0 - Negligible</td> <td>0 - Negligible</td> <td></td> <td></td> <td>4 - High 75</td> <td>n - 50%- 5% 0 - Negligible 0 - Negli</td> <td>gible 0 - Negligible</td> <td></td> <td>Unable to major bu commit</td>	3 R29) 26-Ja	an-21 1	Open Thr	reat deve	lure to secure DfT funding (85% of the velopment and delivery cost)	lack of funding no further progression after OBC	2. Change in government policy	5 5 5	Commercial	Market		4 - High - 50%- 75%	0 - Negligible	0 - Negligible	0 - Negligible	0 - Negligible			4 - High 75	n - 50%- 5% 0 - Negligible 0 - Negli	gible 0 - Negligible		Unable to major bu commit
1 <td< td=""><td>- R40</td><td>) 4-Ma</td><td></td><td></td><td>ireat Lan</td><td>nd easement agreements (Private landowners)</td><td>Land required could be larger than previously accounted (required for construction)</td><td>Uncertainty in the size of land required for construction</td><td>in place resulting in a delay to the OBC</td><td></td><td>Design</td><td>1. Temporary works estimated allowing 2 hectares 2. This is assumed not to be a client risk so no schedule</td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	- R40) 4-Ma			ireat Lan	nd easement agreements (Private landowners)	Land required could be larger than previously accounted (required for construction)	Uncertainty in the size of land required for construction	in place resulting in a delay to the OBC		Design	1. Temporary works estimated allowing 2 hectares 2. This is assumed not to be a client risk so no schedule						-						
No. N									Programme impact: time required to get an agreement			Accuming all permanent land use will be Highway boundary			2 1 000 2			1 Von I ou						
No No No No No <td>26 R6</td> <td>26-Ja</td> <td>an-21 1</td> <td>. Open Thr</td> <td>reat Lan</td> <td>nd agreements</td> <td></td> <td></td> <td>Cost impact : Admin side of negotiation and cost of</td> <td></td> <td>Design</td> <td>09/07/21 updated to be provided after the meeting with HE</td> <td></td> <td></td> <td>weeks - 1</td> <td>0 - Negligible</td> <td>0 - Negligible</td> <td>Negligible impact on 2</td> <td></td> <td></td> <td>7 - 10%- 5% 1 - Very Low - <100K 0 - Negli</td> <td>gible 0 - Negligible</td> <td></td> <td>0 - Neg</td>	26 R6	26-Ja	an-21 1	. Open Thr	reat Lan	nd agreements			Cost impact : Admin side of negotiation and cost of		Design	09/07/21 updated to be provided after the meeting with HE			weeks - 1	0 - Negligible	0 - Negligible	Negligible impact on 2			7 - 10%- 5% 1 - Very Low - <100K 0 - Negli	gible 0 - Negligible		0 - Neg
1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Reputational impact</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2 - Low -</td></td<>									Reputational impact															2 - Low -
Not N	6 R9	26-Ja	an-21 1	. Open Thr	ireat Une	expected ground conditions on site	No site-specific GI is available at the OBC stage. Unaccounted for ground condition	ns Lack of site-specific Ground Investigation (GI)	unexpected ground conditions.	Technical	Survey results	retaining structures are needed as the re-design costs will	3 - Medium - 25%-50%	4 - High - 500K - 1M	0 - Negligible	0 - Negligible	0 - Negligible	Negligible impact on 12		1 - Ver 1%	y Low - 3 - Medium - 0 - Negl	gible 0 - Negligible		inconsister of bus
All <td></td> <td></td> <td>3</td> <td>Closed -</td> <td></td> <td></td> <td></td> <td>Technical challenges due to the scheme constraine</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Susmess objectives</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>objec</td>			3	Closed -				Technical challenges due to the scheme constraine										Susmess objectives						objec
1 1 1 1 1 1	R21	26-Ja			neat HE.	i ecnnical Approval	Not reaching an agreement with HiE on a viable design option at the OBC	leading to departure from standards	reaching an agreement on the technical elements	fechnical	fechnical							-		4				
No <td>R20</td> <td>) 26-Ja</td> <td>an-21 1</td> <td>. Open Thr</td> <td>reat Dela</td> <td>lays in receiving DfT comments on the OBC</td> <td>Past delays when dealing with comments from DfT suggest delays are highly likely.</td> <td>on their resources</td> <td>Programme impact beyond the OBC stage</td> <td>Commercial</td> <td>Technical</td> <td></td> <td></td> <td>0 - Negligible</td> <td>5 - Very High - > 3months</td> <td>0 - Negligible</td> <td>0 - Negligible</td> <td>inconsistent delivery</td> <td></td> <td></td> <td></td> <td>ligh - ths 0 - Negligible</td> <td></td> <td>2 - Low inconsiste of bu</td>	R20) 26-Ja	an-21 1	. Open Thr	reat Dela	lays in receiving DfT comments on the OBC	Past delays when dealing with comments from DfT suggest delays are highly likely.	on their resources	Programme impact beyond the OBC stage	Commercial	Technical			0 - Negligible	5 - Very High - > 3months	0 - Negligible	0 - Negligible	inconsistent delivery				ligh - ths 0 - Negligible		2 - Low inconsiste of bu
No <td></td> <td></td> <td></td> <td></td> <td>subi</td> <td></td> <td></td> <td>(2) technical complexity of the scheme</td> <td></td> <td></td> <td></td> <td></td> <td>2070</td> <td></td> <td>51101010</td> <td></td> <td></td> <td></td> <td></td> <td>25</td> <td>- Smol</td> <td></td> <td></td> <td>obje</td>					subi			(2) technical complexity of the scheme					2070		51101010					25	- Smol			obje
No No No No No No No No No	- R28	3 26-Ja	an-21 2.	Closed - Retired Oppo	ortunity Opp	portunity of sharing Traffic management with NH	Potentially sharing the traffic managed with NH saving cost and reducing the time when TM is in use		Saving cost and reducing the time when TM is in use	Construction	Construction	19.04.21 to be discussed with QS						-						
1 1	- R23	3 26-Ja			reat Con	nstruction phase traffic management	Risk of causing a major incidence as a result of inadequate traffic management	Existing technical challenges at the junction when implementing traffic management		Construction	Technical	Includes costs for employing the right contractor						-						
N N N Adabity fording as Centerior Red drafting or rescales and the finance drafting and regregating and regregatinand regregatin and regregatin and regregating and regregating an								1. Multiple scheme running at the same period of time							4 - High -						4-Hi	h-		2 - Low
A A A A A A	1 R19	9 26-Ja	an-21 1	. Open Thr	reat Avai	allbility /Shortage in Contractors	Risk of shortage or increase in cost for materials /contractors availability	in a relatively small geographical area	Programme Impact / delays during construction	Commercial	Construction				2months-	0 - Negligible	0 - Negligible	of business 25			2month	ns- 0 - Negligible		inconsister of bus objec
Nick Auge Nick Nick Nick Nick Nick<				Olara d					Programme/cost impact due to the need to tweak the			uiscussed	2 Madium	4 Marulan 4	3 - Medium - 1			objectives			1 Marylaw 3 - Medi	m - 1		
Note Outcome Name Name Name Name Na	R12	2 26-Ja	N N	Merged	reat Fixir	ing the design option	Risk of updated option not being approved by HE	waining agreement on now rates	agreed/accepted with HE)	Technical	Design		25%-50%	100K	110101-2	0 - Negligible	0 - Negligible	0 - Negligible -			1 - 100K month	2 0 - Negligible	J - Negligible	0 - Nej
NR NR NR NR NR <td>R44</td> <td>1 8-Ju</td> <td></td> <td></td> <td>reat Star</td> <td>anton Lane Bridge & culvert widening</td> <td>Stanton Lane Bridge & culvert widening to cater for Type C merge layout</td> <td>Departure from standards (B1.1)is requested</td> <td>Increase in scheme scope and cost including (construction cost)</td> <td>Commercial</td> <td>Technical</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	R44	1 8-Ju			reat Star	anton Lane Bridge & culvert widening	Stanton Lane Bridge & culvert widening to cater for Type C merge layout	Departure from standards (B1.1)is requested	Increase in scheme scope and cost including (construction cost)	Commercial	Technical							-						
R48 9-Jul 2 Resc	R41	4-Ma			reat High	hway boundary extents			FBC stage requires redesign of single option to be within HE boundary	Commercial		10/03/2021: to be revisited during the workshop 19/04/2021: to be revisited after the updated design						-						
3 Ref 2	R48	9-Ju	L21 2.	Closed - Thr	reat OBC	C robustness challenged			The OBC is not approved as is.	Commercial								-						
No. No. <td>12 0.0</td> <td></td> <td>an 21</td> <td>0000</td> <td>reat</td> <td>vicement (4): Import 0001</td> <td>The scheme location is in a close proximity to a geological SSSI. Potential addiona</td> <td></td> <td>Impact on Schedule</td> <td>Environ</td> <td>Technic</td> <td></td> <td></td> <td></td> <td>0 1</td> <td></td> <td>0 1-1-1 71</td> <td></td> <td></td> <td>2 - Lov</td> <td>w - 10%- 2 - Low - 100K</td> <td>Minor local</td> <td></td> <td></td>	12 0.0		an 21	0000	reat	vicement (4): Import 0001	The scheme location is in a close proximity to a geological SSSI. Potential addiona		Impact on Schedule	Environ	Technic				0 1		0 1-1-1 71			2 - Lov	w - 10%- 2 - Low - 100K	Minor local		
B 1 2 1 9 Test 1	3 R16	26-Ja	an-21 1	. Open Thr	reat Envi	wronment (4): impact on SSSI	work/design change if the impact on SSSI can not reduced to acceptable levels	scheme's proximity to SSSI (geological SSSI)	Interface with E.A /N.E	Environmental	rechnical				U - Negligible	adverse media	u - Negligible	business objectives				adverse media		0 - Ne
A A A A B A Columne Columne </td <td>6 R31</td> <td>l 26-Ja</td> <td>an-21 1</td> <td>. Open Thr</td> <td>reat Cha</td> <td>anges to TAG guidance / Business Case Guidance</td> <td>e Upcoming TAG updates requiring rework to be carried out</td> <td>DfT indicated upcoming changes to TAG</td> <td></td> <td>Legal/Regulatory</td> <td>requirements/standa</td> <td></td> <td></td> <td>1 - Very Low - <100K</td> <td></td> <td>0 - Negligible</td> <td>0 - Negligible</td> <td>Negligible impact on 12</td> <td></td> <td>3 - Me 259/</td> <td>ledium - 1 - Very Low - 2month</td> <td>h - ns- 0 - Negligible</td> <td></td> <td>2 - Low - inconsister</td>	6 R31	l 26-Ja	an-21 1	. Open Thr	reat Cha	anges to TAG guidance / Business Case Guidance	e Upcoming TAG updates requiring rework to be carried out	DfT indicated upcoming changes to TAG		Legal/Regulatory	requirements/standa			1 - Very Low - <100K		0 - Negligible	0 - Negligible	Negligible impact on 12		3 - Me 259/	ledium - 1 - Very Low - 2month	h - ns- 0 - Negligible		2 - Low - inconsister
A regression A regresin A regression A regression <td>- R14</td> <td>26-la</td> <td></td> <td></td> <td>reat VIS</td> <td>SIM Modelling submission by EH</td> <td>VISSIM modelling further delays leading to delaying fixing the design option</td> <td>Further delays to the VISSIM model agreed submission</td> <td>Delays to the programme. Further delays in the VISSIM modelling will be on the critical path to the OBC</td> <td>Technical</td> <td></td> <td></td> <td>5 - Very High -</td> <td></td> <td>3months 2 - Low - 2 weeks - 1</td> <td>0 - Negligible</td> <td>0 - Negliaible</td> <td></td> <td></td> <td>5 - Very</td> <td>ry High - 0 Negligible weeks</td> <td>ns - 2 - 1 0 - Negligible</td> <td>0 - Negligible</td> <td>of bus 0 - Neg</td>	- R14	26-la			reat VIS	SIM Modelling submission by EH	VISSIM modelling further delays leading to delaying fixing the design option	Further delays to the VISSIM model agreed submission	Delays to the programme. Further delays in the VISSIM modelling will be on the critical path to the OBC	Technical			5 - Very High -		3months 2 - Low - 2 weeks - 1	0 - Negligible	0 - Negliaible			5 - Very	ry High - 0 Negligible weeks	ns - 2 - 1 0 - Negligible	0 - Negligible	of bus 0 - Neg
			In	npacted					submission			No indication of faither COV/ID	1 - Very Low -	4 - High - 500K -	Month 3 - Medium -			2 - Low - Late or		1 - Verj	ary Low - 4 - High - 500K 3 - Media 1 month	ım -		2 - Low -
	21 K26	, 26-Ja					Lenays mienticiencies	the pandemic	cost increase and programme delay		Environmental		1%-10%	1M	monute 2	o - megligible	u - megligible			1%-	-10% - 1M			inconsisten of busi

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<u>Risk Register</u>

Index		Risk Information												c	urrent - Qualita	itive		Previous Sc		Target - Qualitative					
ਭੂ Risk ਨ Ranking	Risk ID	Date Identified	I Risk Status	Threat/Opportunity	y Risk Title	Risk Description	Cause	Effect	Risk Type	Risk Source	Risk Owner Note	Prob	Cost	Schedule	Reputation Sub	Schedule stantial Completion (SC)	Objective Score	Prior Score Previous [2 Reviews Prior] Review Score	Status Since La re Review	st Prob	Cost	Schedule I	Reputation Substant Completion	e lial Objer (SC)	ective Score
42 -	R30	26-Jan-21	3. Closed - Merged	Threat	Identifying the appropriate mechanism to deliver the programme				Commercial		Merged with procurement						-				1				
43 -	R32	26-Jan-21	3. Closed - Merged	Threat	Political changes affecting support for the scheme				Political		Taking in to account in another risk						-				1				•
44 -	R33	26-Jan-21	2. Closed - Retired	Threat	Changes to Wiltshire Council				Political		Not likely to be applicable						-				1				•
45 -	R34	26-Jan-21	2. Closed - Retired	Threat	Regulatory and legal changes				Legal/Regulatory		Not applicable						-				1				•
46 -	R35	26-Jan-21	3. Closed - Merged	Threat	Change in MPs				Political		Merged with another risk						-				1				
47 -	R38	26-Jan-21	2. Closed - Retired	Threat	Industrial action				Market Factors		unlikely to be affected by industrial actions						-				1				
48 -	R42		2. Closed - Retired	Threat	Inadequate traffic management				Commercial	Construction	TBC after QS work is completed						-				1				•
49 21	R47	22-Mar-22	1. Open	Threat	Archology found during construction	Finding archaeological artefacts	Unkown site historical use	increased cost and programme delay	Commercial	Environmental	Stephen Wilson	1 - Very Low - 1%-10%	- 4 - High - 5 1M	00K - 3 - Medium - 1month- 2 months	2 - Low - Complaint Trends	0 - Negligible	2 - Low - Late or inconsistent delivery of business			1 - Very Low - 1%-10%	4 - High - 500K - 1M	- Medium - 3 1month- 2 I months ad	I - Medium - Minor local Iverse media	1 - Very Negligible in business o	impact on 4
50 -	R49	9-Jul-21	6. Place Holder	Opportunity	Chippenham gateway interface Delay of works				Commercial		Stephen Wilson			115/1012		0 - Negligible	-								-
51 -	R51	22-Mar-22	6. Place Holder	Threat	Interface with other schemes Chippenham bypass											0 - Negligible	-				1				
52 -	R52	22-Mar-22	6. Place Holder	Threat	Interface with other schemes (scheme to be names)											0 - Negligible	-								-
53 21	R53	22-Mar-22	1. Open	Threat	Interaction with local businesses and residence	A recycling facility /service is located in close proximity to the junction operations maybe affected	Scheme is located in close proximity to residence /businesses	Mitigation measures will need to be implemented to avoid affecting the businesses	Reputational	Third party Interface	Stephen Wilson	1 - Very Low - 1%-10%	- 2 - Low - 1 250K	2months-	3 - Medium - Minor local adverse media	0 - Negligible	2 - Low - Late or inconsistent delivery of business			1 - Very Low - 1%-10%			2 - Low - Complaint Trends	2 - Low - inconsisten of busi	ent delivery 4
54 21	R54	22-Mar-22	1. Open	Threat	Unable to provide a 10% Biodiversity Net Gain (BNG)	Being unable to provide the 10% BNG with the current scheme footprint	10% BNG is mandatory for the scheme	increased cost due to having purchase land to provide sufficient BNG	Environmental		Stephen Wilson	2 - Low - 10%- 25%	- 2 - Low - 1 250K	00K - O Neelisikis	1 - Very Low -	0 - Negligible	1 - Very Low - Negligible impact on 4 business objectives			2 - Low - 10%- 25%	2 - Low - 100K	- Negligible 0	- Negligible	1 - Very Negligible in business o	ry Low - e impact on 4
55 6	R55	22-Mar-22	1. Open	Threat	Carbon Net Zero Targets	Carbon Net Zero Targets not sufficiently demonstrated in the scheme	The scheme has a significant impact on the environment	increased cost due tto the need for further mitigation measures e.g. planting	Environmental		Stephen Wilson	4 - High - 50%- 75%	6- 2 - Low - 1 250K	00K - 0 - Negligible		0 - Negligible	3 - Medium - Partial delivery of business 12 objectives			2 - Low - 10%- 25%	2 - Low - 100K - 250K 0 -	- Negligible 0	- Negligible	3 - Medium delivery of I object	m - Partial f business 6
56 16	R56	22-Mar-22	1. Open	Threat	Change in political support for the scheme			show stopper	Political		Stephen Wilson	1 - Very Low - 1%-10%	0 - Neglig	ible 0 - Negligible	0 - Negligible	0 - Negligible	5 - Very High - Unable to deliver maior business			1 - Very Low - 1%-10%	0 - Negligible 0 -	- Negligible 0	- Negligible	5 - Very Unable to	y High -
57 16	R57	22-Mar-22	1. Open	Threat	EIA is required for the scheme	The screening opinion indicates EIA required	The scheme has a significant impact on the environment	Increased cost due to EIA Programme delay	Environmental		Stephen Wilson	1 - Very Low - 1%-10%	- 2 - Low - 1 250K		0 - Negligible	0 - Negligible	4 - High - Major impact on delivery of 5 existing			1 - Very Low - 1%-10%	2 - Low - 100K 5 - - 250K >	Very High - 0	- Negligible 0 - Neglig	4 - High - gible impact on d	h - Major
58 28	R58	22-Mar-22	1. Open	Threat	Objections from stakeholders (EA , Businesses , NE)	The scheme is going for information. Reputational impact		increased cost to try to meet the suggestions raised in the information.	Reputational		Stephen Wilson	1 - Very Low - 1%-10%	- 1 - Very L <100H	ow - 0 - Negligible	1 - Very Low - One off limited complaints	0 - Negligible	1 - Very Low - Negligible impact on 1 business objectives			2 - Very Low - 1%-10%	1 - Very Low - <100K 0 -	- Negligible Or	- Very Low - ne off limited 0 - Neglig complaints	jible Negligible in	ry Low -
59 16	R59	22-Mar-22	1. Open	Threat	Judicial Review risk				Commercial		Stephen Wilson	1 - Very Low - 1%-10%		10K > 3months	3 - Medium - Minor local adverse media	0 - Negligible	2 - Low - Late or inconsistent delivery 5 of business			1 - Very Low - 1%-10%	3 - Medium - 5 - 250K - 500K	Very High -	I - Medium - Minor local 0 - Neglig Iverse media	2 - Low - inconsisten	- Late or
60 13	R60	22-Mar-22	1. Open	Threat	Unanticipated Ecology on Site	Presence of ecological features not currently accounted for requiring extra mitigatio	Limited ecological surveys undertaken at an early stage of the project	Increased Cost Delay due to potential additional surveys More mitigation measure or design changes to	Environmental		Stephen Wilson	3 - Medium - 25%-50%	2 - Low - 1 250K	00K - 3 - Medium -	0 - Negligible	0 - Negligible	1 - Very Low - Negligible impact on 9 business objectives			2 - Low - 10%- 25%	2 - LOW - 100K	- Medium -	- Negligible 0 - Neglig	1 - Very	nyLow- ∋impacton 6
61 16	R61	5-Apr-22	1. Open	Threat	Structural assessment for bridges are needed to be undertaken by Wiltshire			Interse intersection intersection of GESIGIT Grant GESIG				5 - Very High - 75%-99%	- 1 - Very L <100H	ow - 0 Nogligible	0 - Negligible		1 - Very Low - Negligible impact on 5 business objectives			1 - Very Low - 1%-10%			- Negligible	0 - Negl	
62 15	R62	5-Apr-22	1. Open	Threat	Power Supply to additional signalling	Existing power supply may have limited capcity to support additional tranffic signals resulting in the need for a revised design for the electrical supply for the traffic signals	limited capivty of eixsting supply/ difficulty in extending cables from neaby points	1. cost associated with the design 2. cost due to interface with DNO	Technical	Design		3 - Medium - 25%-50%	2 - Low - 1 250K	00K - 0 - Negligible	0 - Negligible		1 - Very Low - Negligible impact on 6 business objectives			3 - Medium - 25%-50%	2 - Low - 100K - 250K 0 -	- Negligible 0	- Negligible	0 - Negl	jligible 6

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