

**Appendix S**

**Network Rail Project Risk Register (Feb 2015)**

Project: 117353: Blackburn To Bolton  
 PM: Martin Whyatt  
 Title: High-Level (Client) Risk Register  
 Date: 13/02/2015

Risk			Treatment		Current Qualitative Impact		Mean Output	Comments
Risk Title	Risk Description	Risk Owner	Action Owner	Action Description	Probability	Cost		
<b>Source record availability</b>	Cause: Signalling source records will be required to carry out the signalling design  Risk: Records may not exist or not available or not returned.  Effect: Create new records, - correlation exercise, parallel records need to be created, delay to programme.	Whyatt, Martin	NR	NR SPM collating a record return register.	4: High	1: Very Low	19,833	The use of 'all new' signalling equipment should reduce this risk.
<b>Possession overuns</b>	Cause: A number of possessions will be required to carry out this work  Risk: Possession may overrun  Effect: Train delay costs	Whyatt, Martin	VR	Ensure blockade plan is effective and contains enough contingency.	3: Medium	1: Very Low	7,500	
<b>Plant failure during the works</b>	Cause: A large amount of plant will be used during the works  Risk: The plant may fail during the work  Effect: Additional costs for replanning and carrying out the work	Whyatt, Martin	VR	All plant identified and secured at an early stage. VR to produce effective mitigation plan.	3: Medium	1: Very Low	13,500	Length of possession allows for trains to be temporarily moved should a problem occur allowing other trains to continue moving throughout the worksite.
<b>Drainage</b>	Cause: Drainage locations within Form B not yet verified  Risk: Additional drainage/culverts may be required.  Effect: Additional cost of drainage/culvert re-design.	Whyatt, Martin	NR	Carry out Drainage Surveys and investigate outfall consents.	4. High	2. Low	9,750	BG are currently investigating culverts to identify asset, condition and location/ depth below track beds
<b>Bridge 47 Compound</b>	Cause: Use of the identified Robin Bank Rd compound may be rejected  Risk: Will have to identify less suitable site  Effect: Additional cost associated with road closures and compensation arrangements	Whyatt, Martin	NR	BG to submit road closure application as an alternative site compound location and continue looking for alternatives.	5.V High	2.Low	19,250	
<b>Retaining Wall Design</b>	Cause: Due to the fact that the Form 001 has not yet been issued  Risk: There is a risk that the design may not be buildable or affordable  Effect: Associated programme and cost implications with a re-design.	Whyatt, Martin	NR	BG to progress with two designs (soil nailing/kingpost wall) and present NR with two costed options	2.Low	4. High	11,500	This activity is being accelerated due to potential of impact.
<b>Target cost submission</b>	Cause: Target cost not submitted in a timely manner or to budget  Risk: Contract award delay/unaffordable to client  Effect: Programme/Cost implications	Whyatt, Martin	Bab/VR	Work with contractors to reduce TC submissions to an affordable level.	3. Medium	4. High	82,500	
<b>LEP endorsement</b>	Failure to secure Lancashire Enterprise Partnership (LEP) support for the scheme	James Syson	BwDBC	Develop strong Outline Business Case which justifies the economic benefit of the scheme. Also need to ensure local financial contribution	2.Low	5.V High		A strong business case has been developed and this is now being reviewed by the LEPs consultants (Jacobs)
<b>Political support</b>	Failure to secure local political support	James Syson	BwDBC	Ensure local MPs and Cllrs are aware of the strong business case	2.Low	5.V High		Strong business case results shared with local politicians and BwDBC have agreed to fund a 10% local contribution to the capital costs as part of a LEP bid for Local Growth Funding
<b>Stakeholder support</b>	Failure to secure local stakeholder support	James Syson	BwDBC	Ensure local stakeholders are made aware of the scheme and its local impact	2.Low	5.V High		Strong stakeholder support for the scheme exists however need to ensure that communication is managed especially with regard to the timescales for service introduction following the completion of the passing loop
<b>DfT support</b>	Failure to secure DfT support	James Syson	BwDBC	Ensure DfT officials are kept informed of the business case and are made aware of the local economic benefits and how this fits with the Long Term Rail Strategy for the North	2.Low	5.V High		The DfT have included the service enhancement as part of the baseline timetable specification for the next Northern franchise

<b>Network Rail project management</b>	Failure of Network Rail to manage scheme timescales and costs within the agreed budget and project plan	James Syson	NR	Ensure an effective Project Team and Project Board	4: High	5.V High		Strong project management required
<b>Timetable and possession planning</b>	Failure of Network Rail to provide Northern with the necessary assurances and details of the pathing / track capacity through Farnworth and project details to support the possession request	Tom Drury	NR	Provide Northern with the necessary assurances and details of the pathing / track capacity through Farnworth to ensure service capacity can be maintained. Also provide the project delivery plan including all timescales any contingencies	4: High	5.V High		The overlaid timetabling for this project needs to be contained within the LTP for May 15 and as such the whole process requires to be completed by the end of Feb 15.