

## Appendix D – A34 Perry Barr Highway Improvement Scheme Risk Assessment

Risk No	Risk description	Risk mitigation	Residual / current risk			Additional steps to be taken
			Likelihood	Impact	Prioritisation	
R81	Highway construction works will have an impact on traffic flows through the scheme.	Travel Demand Management Strategy to be implemented.	High	Significant	Severe	
R134	Local opposition to the scheme could impact on cost and programme	Clearly present case for scheme in media and at cabinet discussions and continue ongoing engagement.	Significant	Medium	Material	Petition to be debated at full council
R95	Revised Highway alignment over railway requires modification of Network Rail Bridge. This will require cooperation from Network Rail (NR) to timescales that will be challenging	Engage with NR and agree Basic Asset Protection Agreement (BAPA).  Work with NR sponsor for Perry Barr Rail Station upgrade  Consider modifying kerb alignment if necessary	Significant	Medium	Material	BAPA applied for
R96	Multiple diversions of utility equipment on all Perry Barr schemes could impact on all scheme programmes	All Statutory Undertaker activities for Perry Barr to be coordinated through a single managing agent	High	Low	Material	TfWM appointed to coordinate Stats activities
R83	Delay in developing design for Bus Interchange may impact on programme and costs of Highway	Bus Interchange team to work closely with Highways design team to agree common highway	Medium	Medium	Material	TfWM have changed supply chain partners

	Scheme	interface.				
R4	Condition of existing highway structures at Tame Bridge and Birchfield Island may necessitate revisions to design	Structural assessments carried out to inform Structural condition	Medium	Medium	Material	
R105	Design and construction interfaces between all Perry Barr projects may give rise to additional costs, delays and traffic management issues	Perry Barr Infrastructure Coordination Group established to ensure effective communication and coordination between all local projects.	Low	Medium	Tolerable	

**Measures of likelihood/ Impact:**

Description	Likelihood Description	Impact Description
High	Almost certain, is expected to occur in most circumstances. Greater than 80% chance.	Critical impact on the achievement of objectives and overall performance. Critical opportunity to innovate/improve performance missed/wasted. Huge impact on costs and/or reputation. Very difficult to recover from and possibly requiring a long term recovery period.
Significant	Likely, will probably occur in most circumstances. 50% - 80% chance.	Major impact on costs and objectives. Substantial opportunity to innovate/improve performance missed/wasted. Serious impact on output and/or quality and reputation. Medium to long term effect and expensive to recover from.
Medium	Possible, might occur at some time. 20% - 50% chance.	Waste of time and resources. Good opportunity to innovate/improve performance missed/wasted. Moderate impact on operational efficiency, output and quality. Medium term effect which may be expensive to recover from.
Low	Unlikely, but could occur at some time. Less than 20% chance.	Minor loss, delay, inconvenience or interruption. Opportunity to innovate/make minor improvements to performance missed/wasted. Short to medium term effect.