



Projects Sub (Policy and Resources) Committee

Date: FRIDAY, 20 SEPTEMBER 2019
Time: 11.00 am
Venue: COMMITTEE ROOMS, 2ND FLOOR, WEST WING, GUILDHALL

LATE PAPERS

9. **RISK REGISTER - GATEWAY 4 - PIPE SUBWAYS OF HOLBORN VIADUCT AND SNOW HILL OVER THAMESLINK**

Risk Register to accompany the Report of the Director of the Built Environment.

For Information
(Pages 1 - 2)

27. **MAJOR AND INTERMEDIATE CONSTRUCTION FRAMEWORK QUARTERLY UPDATE**

Report of the Chamberlain.

For Information
(Pages 3 - 8)

33. **ANY OTHER BUSINESS THAT THE CHAIRMAN CONSIDERS URGENT AND WHICH THE SUB-COMMITTEE AGREE SHOULD BE CONSIDERED WHILST THE PUBLIC ARE EXCLUDED**

- a) **Gateway 5 - Accommodation and Ways of Working - Vacation of Walbrook Wharf Project** (Pages 9 - 32)
Report of the City Surveyor.

Enquiries: Alistair MacLellan / alistair.maclellan@cityoflondon.gov.uk

Lunch will be served in the Guildhall Club at 1pm

John Barradell
Town Clerk and Chief Executive

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City of London: Projects Procedure Corporate Risks Register

Project Name: **Pipe Subways of Holborn Viaduct and Snow Hill over**
 Unique project identifier: **9845**

PM's overall risk rating: **Medium**
 Total estimated cost: **£ -**

CRP requested this gateway: **£ 75,000**
 Total CRP used to date: **£ -**

Average unmitigated risk: **10.2**
 Average mitigated risk score: **4.5**

Open Risks: **17**
 Closed Risks: **0**

General risk classification										Mitigation actions						Ownership & Action					
Risk ID	Gate way	Category	Description of the Risk	Risk Impact Description	Likelihood Classification pre-mitigation	Impact Classification pre-mitigation	Risk score	Costed impact pre-mitigation (£)	Costed Risk Provision requested Y/N	Confidence in the estimation	Mitigating actions	Mitigation cost (£)	Likelihood Classification post-mitigation	Impact Classification post-mitigation	Costed impact post-mitigation (£)	Post-Mitigation risk score	Date raised	Named Departmental Risk Manager/Coordinator	Risk owner (Named Officer or External Party)	Date Closed OR/Realised & moved to Issues	Comment(s)
R1	5	(2) Financial	The removal of surfacing, setts and kerbs on the bridges could dislodge loose materials on the structure soffit	Debris could fall onto the railway	Possible	Extreme	24	£2,000,000.00	N	D – Very Uncomfortable	Removal of surfacing, setts and kerbs on the bridges to be undertaken during possession of the railway	£0.00	Possible	Serious	£0.00	6	15/03/2019	Paul Monaghan	Principal Contractor		
R2	4	(5) Safety/ Health	Trial pit investigations in the carriageway could dislodge loose material on the structure soffit	Debris could fall onto the railway	Possible	Extreme	24	£2,000,000.00	N	D – Very Uncomfortable	Trial pit investigations to be undertaken during railway possession.	£0.00	Possible	Minor	£0.00	3	15/03/2019	Paul Monaghan	Principal Contractor		
R3	4	(2) Financial	Damage to STATS	Investigations and works impact on STATS	Possible	Serious	6	£1,000,000.00	N	C – Uncomfortable	Identify and locate STATS. Provide full details to all parties.	£0.00	Unlikely	Serious	£0.00	4	15/03/2019	Paul Monaghan	Principal Contractor		
R4	5	(2) Financial	Removal of loose and cracked materials to underside of structure	Damage to railway assets	Unlikely	Extreme	16	£2,000,000.00	N	D – Very Uncomfortable	Works to be undertaken during railway possession. OLE, cables and ducts, tracks and equipment to be protected.	£0.00	Rare	Extreme	£0.00	8	15/03/2019	Paul Monaghan	Principal Contractor		
R5	5	(5) Safety/ Health	Working at height	Scaffold falling on to railway	Unlikely	Serious	4	£500,000.00	N	C – Uncomfortable	Scaffold to be erected on firm ground by trained and certified staff (PASMA etc)	£0.00	Rare	Serious	£0.00	2	15/03/2019	Paul Monaghan	Principal Contractor		
R6	5	(5) Safety/ Health	Working at height	Tools and equipment falling on to railway	Possible	Minor	3	£500,000.00	N	C – Uncomfortable	Suitable edge protection to be provided on scaffold. Tools to be "tied on".	£0.00	Rare	Minor	£0.00	1	15/03/2019	Paul Monaghan	Principal Contractor		
R7	5	(5) Safety/ Health	Storage of plant and materials for the works	Interface with railway	Rare	Serious	2	£250,000.00	N	B – Fairly Confident	Plant and materials to be stored securely when not in use in areas designated by Network rail	£0.00	Rare	Minor	£0.00	1	15/03/2019	Paul Monaghan	Principal Contractor		
R8	4	(1) Service Delivery/ Performance	Network Rail approval of design details	Delays to programme.	Likely	Serious	8	£100,000.00	N	B – Fairly Confident	Provide & update schedule of issue dates to Network Rail.	£0.00	Likely	Minor	£0.00	4	15/03/2019	Paul Monaghan	Principal Contractor		
R9	5	(2) Financial	STATS protection & support during the works	Damage to STATS	Possible	Serious	6	£1,000,000.00	N	C – Uncomfortable	Advance consultation with relevant STATS to agree methodology	£0.00	Unlikely	Minor	£0.00	2	15/03/2019	Paul Monaghan	Principal Contractor / Pricipal Designer		
R10	4	(5) Safety/ Health	Lead paint and hazardous materials	Risk to health	Possible	Serious	6	£200,000.00	N	B – Fairly Confident	Undertake surveys in advance of works to help identify materials hazardous to health - tar, lead, chromium etc.	£0.00	Rare	Minor	£0.00	1	15/03/2019	Paul Monaghan	City of London		
R11	5	(6) Objectives	Changes in highway and footway vertical alignment	Clashes with access to adjacent properties and "tie ins"	Likely	Major	16	£250,000.00	N	C – Uncomfortable	Use detail surveys to check impacts.	£0.00	Likely	Serious	£0.00	8	15/03/2019	Paul Monaghan	City of London		
R12	5	(2) Financial	Repairs extensive	Repairs are more extensive than anticipated	Possible	Serious	6	£250,000.00	N	C – Uncomfortable	Use inspection results to estimate repairs required and include for provisional items.	£0.00	Possible	Serious	£0.00	6	15/03/2019	Paul Monaghan	City of London		
R13	5	(1) Service Delivery/ Performance	Railway possessions	Availability	Likely	Major	16	£200,000.00	N	C – Uncomfortable	Confirm in advance with Network Rail availability of possessions to undertake the works.	£0.00	Possible	Serious	£0.00	6	15/03/2019	Paul Monaghan	City of London		
R14	5	(1) Service Delivery/ Performance	Road space	Availability	Possible	Major	12	£100,000.00	N	C – Uncomfortable	Confirm in advance availability with Network Management & traffic management required.	£0.00	Unlikely	Serious	£0.00	4	15/03/2019	Paul Monaghan	City of London		
R15	5	(1) Service Delivery/ Performance	Contractor and resources	Experienced contractor and resources not available	Possible	Serious	6	£250,000.00	N	C – Uncomfortable	Advertise / source Contractors in advance	£0.00	Unlikely	Serious	£0.00	4	15/03/2019	Paul Monaghan	City of London		
R16	4	(6) Objectives	Changes in design scope or increases in coordination with other projects.	Increases in our suppliers' costs, e.g. consultants fees.	Possible	Serious	6	£75,000.00	Y	B – Fairly Confident	Close scrutiny of all tasks provided by suppliers.	£75,000.00	Likely	Minor	£75,000.00	4	15/07/2019	Paul Monaghan	City of London		
R17	4	(1) Service Delivery/ Performance	Diversion of utilities on top of the pipe subways where they should be inside the subway or where they were completely unexpected, specifically plant owned by Colt which is known to be fibre-optic cables.	Significant rise in cost and affect on programme.	Possible	Major	12	£250,000.00	N	B – Fairly Confident	Continue negotiations with all utilities to determine exactly what plant/apparatus is over the pipe subways and who owns it. Determine what diversion work can be undertaken and why this plant is not in the subway.	£250,000.00	Possible	Major	£0.00	12	02/09/2019	Paul Monaghan	City of London		If an agreement cannot be reached with utilities companies for them to bear the cost of diverting plant atop the pipe subways, then this broad estimate will be required.

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