

Risk Mitigation Meeting Minutes #54

DATE: January 21, 2014

MEETING DATE: **January 14, 2014**

LOCATION: 821 Howard Street, 2nd Floor – Main Conference Room

TIME: 2:00pm

ATTENDEES: John Funghi, Albert Hoe, Mark Benson, Richard Redmond, Eric Stassevitch, Alex Clifford, Mark Latch, Vivian Chow, Beverly Ward, Luis Zurinaga, Bradley Lebovitz

COPIES TO: Attendees: Jane Wang, Roger Nguyen, Sanford Pong, Aileen Read, Chuck Morganson, James Sampson, David Kuehn, Jeffrey Davis
File: M544.1.5.0820

REFERENCE: Project No. M544.1, Contract No. 149 Task 1-4.01
Program/Construction Management

SUBJECT: **Risk Management – Risk Mitigation Meeting
Risk Mitigation Report No. 54**

RECORD OF MEETING

ITEM #	DISCUSSION	ACTION BY DUE DATE
1 -	Report on Red Risk and – (Risk rating ≥ 6)	
	<p>Risk 83: Cost of vehicles are more than estimated <u>Discussion:</u> Bid date is now February 18, 2014. Risk Rating 8</p> <p>Risk 52: Unacceptable settlement and impact on major utilities at CTS. (old sewers and others within 20ft space between top of cavern and street level) <u>Discussion:</u> YBM comments remain open. An internal meeting will take place to review the responses.</p> <p>Risk 204: Relocation of AT&T Vault and other utilities delays Work south of Bryant <u>Discussion:</u> The Program needs to be proactive and meet with the appropriate parties to mitigate impacts to the work. AT&T and other utilities need to know far in advance when work is planned for their resources to be available. Risk Rating 6</p>	
2 -	Report on Remaining Requirement & Design Risks (Risk rating ≤ 6)	
	<p>Risk 79: Delay in obtaining tunnel easements (3 #) (goes to condemnation) - Costs of ROW may cost more than expected <u>Discussion:</u> All easements obtained, final compensation offer for 790 Market (Forever 21) still outstanding, issue does not affect the schedule. Risk Rating 1</p>	

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	<p>Risk T: Delay to final design submittal due to delay of emergency ventilation approval by SFFD <u>Discussion:</u> Approval acquired (see attached). This risk will be retired Risk Rating 0</p> <p>Risk 89: 3rd Party reviews of Design documents delays completion of Final Design. <u>Discussion:</u> No impact to schedule, Remaining closure of outstanding YBM design comments are pending verification process. J. Wang in contact with John Corbett to expedite resolution. Risk Rating 5</p>	
3-	Active Construction Risk Items	
	<p>Risk 2a: 42"/48" sewer line relocated as part of Utility 1 package is damaged by subsequent construction of the launch box. <u>Discussion</u> Risk has been mitigated. This risk will be retired. Risk Rating 0</p> <p>Risk 5: Possibility that lowest level of tiebacks extending out from Moscone Center could be within the tunnel alignment. <u>Discussion</u> Risk has been mitigated. This risk will be retired. Risk Rating 0</p> <p>Risk 13: Damage / settlement to old 3x 5' brick sewer running parallel to tunnel alignment <u>Discussion:</u> Current conditions are not as shown on contract documents prompting alternate means of protecting in place. PUC to propose alternatives and accept all costs beyond original Program commitments. Program letter to be sent to PUC outlining the scope of work, the cost, detailing the Program's original commitment and putting them on notice of their responsibility to pay for the delta. If PUC is unable to commit, the Program continue based on monitoring only. Risk Rating 5</p> <p>Risk 15: Major TBM machine failure <u>Discussion:</u> Both machines progress affected this month by failure of seals on several of the thrust rams. Contractor investigating two options: 1) replacing seals 2) replace with different seal that requires making the seal grove deeper. Risk Rating 2</p> <p>Risk 50: Station contractor delayed by tunnel contractor since station contractor cannot break into the tunnels until the tunnels have been finished. <u>Discussion:</u> No current impact at interface points. Tunnel Contractor's recovery schedule Rev 5 is being reviewed. The schedule will not be approved unless the Program believes the dates to be realistic. Risk Rating 3</p> <p>Risk 196: The process of acquiring station licenses: acquisition/condemnation could significantly delay schedule and cost more than that presently planned. <u>Discussion:</u> Potential major obstacles have been mitigated: 950 Stockton (Mandarin Tower) license has been obtained; 19 Stockton Street, the court has ruled in the Program's favor on the City's 'right to take the license', a compensation trial will be held March 10, 2014. Risk Rating 4</p> <p>Risk 218: Air replenishment system no longer required – Agency bears unnecessary cost of installation and maintenance of an air replenishment</p>	


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	<p>system that is no longer required <u>Discussion:</u> A meeting to discuss the change in City code with the SFFD Fire Marshall is pending. The Contractor should be put on notice to "put related work on hold". Risk Rating 1</p> <p>Risk 219: Clearance between tunnels and YBM slurry wall causes structural or safety issues during slurry wall installation. <u>Discussion:</u> Clearance numbers are now known. SFMTA Safety Manager will put together a work plan for the CM and Contract team. Risk Rating 3</p> <p>Risk 220: Compensation grouting at the Pagoda site is delayed by resolution of the scope and role of the designer, and contractor. <u>Discussion:</u> The Contractor has stated they will not be performing the work without a CMod. Three separate letters will be sent to the Contractor to outline their scope of work, their lack of prosecuting the work, and the to-date occurrence of events. Risk Rating 5</p> <p>Risk 221: UMS Structural Steel may not be available in US <u>Discussion:</u> An investigation was done, steel is available. This risk will be retired Risk Rating 0</p>	
4-	Other Business - Potential Risk	
	New Risk – ARGUS Monitoring Software - Combing Instrumentation for CN1252 and CN1300	

ACTION ITEMS –

ITEM#	MTG DATE	Task #	DESCRIPTION	BIC	DUE DATE	STATUS
4	12/13/12		Risk 72 – 4th & King (SSWP)	S. Pong C. Morganson	02/11/14	Open

Meeting adjourned at 4:00pm

These meeting minutes have been prepared by B. Ward and reviewed by E. Stassevitch, and are the preparer's interpretation of discussions that took place. If the reader's interpretation differs, please contact the author in writing within four (4) days of receipt of these minutes.

Signed:  [initials of preparer & reviewer] Date: 21 Jan 14 [Date review completed.]