

From: [Haack, Angela@DOT](mailto:Haack.Angela@DOT)
To: Garcia, Joe@DOT; ssemere@ch2m.com
Subject: FW:
Date: Monday, October 07, 2013 9:32:45 AM

From: Foley, Rich P@DOT
Sent: Wednesday, September 18, 2013 2:06 PM
To: Casey, Bill S@DOT
Cc: Haack, Angela@DOT; Schram, Darryl K@DOT
Subject: RE:

Revised language as requested.

Risk Management:

E2 Shear Key Work:

The SAS risk register carries risk for the construction of a retrofit for shear keys S1 & S2 at Pier E2. This risk, "Fabricate and Install a Retrofit for Shear Key bolts at Pier E2", is in the range of \$15M to \$30M and was created to address the fabrication and installation of the new saddle design. This range is above the \$4.95M carried in the change order log dated July 1, 2013. The cost of this change is within the range contemplated for this risk.

Anchor Rod Testing Program:

The SAS risk register carries a risk for the testing of ASTM A354 Grade BD Rods in the range of \$2.05M to \$25M to address testing and remedial actions as necessary. This range is above the \$1.15M that was carried in the change order long dated July 1, 2013. The cost of this change is within the range contemplated for this risk. This change is only a portion of the potential changes addressed by this risk.

Any schedule impacts to contract completion related to this issue is covered under a separate risk - "Schedule: Potential delay during construction - Post Seismic Safety Opening (SSO)". This risk carries a range of \$22M to \$44M and is intended to address delays to contract completion for several risk issues and not necessarily this risk alone.

From: Casey, Bill S@DOT
Sent: Tuesday, September 17, 2013 10:53 AM

To: Foley, Rich P@DOT

Subject: