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TRANSPORTATION
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Bay Area Metro Center
375 Beale Street, Suite 800
San Francisco, CA 94105
415.778.6700
www.mtc.ca.gov

November 7, 2018

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The Honorable London N. Breed
Mayor, City of San Francisco
City Hall
1 Dr. Carlton B. Goodlett Place
San Francisco, CA 94102

The Honorable Libby Schaaf
Mayor, City of Oakland
City Hall
1 Frank H. Ogawa Plaza
Oakland, CA 94612

RE: Transbay Transit Center Peer Review

Dear Mayor Breed and Mayor Schaaf:

We write to you to provide the second update on the scope and progress of the work of the peer review by the expert panel assembled by MTC. On October 4th, we wrote that our panel would review "the cause of the cracked beams and the plans to make repairs."

Working with the full cooperation of the Transbay Joint Powers Authority (TJPA), we have divided the review into the following five stages:

1. Load capacity of the temporary shoring system.
2. Sampling and testing plan for the material from the fractured steel girders.
3. Cause of failure, as informed by the material test results and design analysis.
4. Current condition of structural elements directly affected by the steel fractures.
5. Repair solution, as informed by the cause of failure and current condition.

TJPA's consultants, contractors, and subject matter experts will develop the material for each of the above stages, which TJPA will provide to MTC's five-person peer review panel¹. MTC's panel will provide an expeditious but thorough independent review to insure you and the public may have confidence in the repair, and so the Transbay Transit Center can return to normal operation.

MTC's panel is currently reviewing material from the first two stages. It has reviewed the shoring at Fremont Street to insure its stability during the sampling of material from the fractured girders. The panel has also reviewed and takes no exception with the TJPA's current sampling and testing plan. Material samples have been removed and shipped to a materials testing laboratory in New York City where the samples are in the process of being machined for testing.

¹ The five panelists include: Michael D. Engelhardt, Ph.D., P.E.; John W. Fisher, Ph.D.; Brian Kozy, Ph.D., P.E.; Thomas A. Sabol, Ph.D., S.E., and Robert E. Shaw, P.E. On October 26, Ewa Z. Bauer-Furbush, P.E. stepped down from her role on the panel due to the time demands from her commitments as District Engineer for the Golden Gate Bridge.

Mayor Breed and Mayor Schaaf
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We will continue to keep you updated on the progress of this work. Please do not hesitate to contact me with any questions or concerns in the meantime.

Sincerely,



Steve Heminger
Executive Director

cc:

Jake MacKenzie, Chair, Metropolitan Transportation Commission
Mohammad Nuru, Chair, Transbay Joint Powers Authority
Mark Zabaneh, Executive Director Transbay Joint Powers Authority
Michael Engelhardt, Ph.D., Chair, Peer Review Panel