BSSC PUC IT9 - Diaphragm Issues
Meeting 8
May 4, 2017 - 9:00 AM to 5:00 PM PST

Embassy Suites San Francisco Airport-Waterfront
150 Anza Blvd
Burlingame, CA 94010

NEHRP IT9 In-Person Meeting
Thu, May 4, 2017 9:00 AM - 5:00 PM PDT

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Agenda

9:00 Welcome and Introductions

9:10 - 12:00 Focus on RWFD

Topic 4 Plan Configurations - Lawson, Cobeen

1. IT9 needs to choose to focus efforts on (please collect your thoughts on this prior to the meeting):
   a. A way to include non-rectangular, multi-span, and short-span diaphragm plans in the methodology, or
   b. Identifying research that is needed to develop or validate a methodology

2. Increased wall anchorage forces if the response is to strengthen (and therefore stiffen) diaphragms.

Topic 7 Rigid But Light Vertical Systems - Lawson, Koliou

1. Discussion of analytical studies, comparison to P-1026

Topic 2 Orthogonal Directions - SDII Group

Topic 9 Interaction of Inelasticity in Vertical System and Diaphragm - Schafer

Topic 10 Period Data From Tremblay’s Work - Eatherton

Topic 11 Diaphragm Deflections - Cobeen

Topic 12 Commentary on Diaphragm Zoning - Schafer

Topics 13 & 14 Transition to ASCE 7 - Holmes, LaPlante, Manley, Line

Topic 15 Nail Penetration Effects - Koliou, Cobeen, Shuck

Next Steps - Drafting of Proposed NEHRP Language
12:00 - 1:00  Lunch

1:00 - 4:30  Focus on Alternate Diaphragm Design, R_s Factor
            Wood Approach Review - Cobeen
            Precast Concrete Approach Review - Ghosh
            Steel Approach Under Development - Eatherton
            Next Steps - Drafting of Proposed NEHRP Methodology - All

4:30 - 5:00  Next Steps, Next Meeting