

CEHMC DRAFT NOTES
July 17, 2025
Remote Zoom meeting

Attendees: Rob Jackson, Robin McGuire, Oliver Boyd, Enrique Chon, Michael Haughey, Bill Bischof, Sanaz Rezaeian, Mark Zellman

Approval of minutes from May 2025 meeting motioned, seconded, and approved.

Brief discussion about possibly having an upcoming meeting in-person rather than remote.

1. June 13, M2.9 earthquake near Dacono.

- Depth of 8.0 km with a vertical uncertainty of 7.8 km.
- Active disposal wells and abandoned coal mines are in the vicinity of the earthquake.
- E. Chon evaluated the event and confirmed shallow depth, but with depth uncertainty. Available information from the nearby injection well includes records of pressure tests performed during the spring of 2025. Unclear to CEHMC if the Colorado Energy and Carbon Management Commission issued alerts.

2. ASCE 7 Code change considerations and the NSHM.

- ASCE is still deliberating over a possible change from 1% probability of collapse in 50 years to 1.5%. There is also a proposal for a seismic design category map for the United States. Risk categories 1,2, and 3 would have a map. Category 4 would have a separate map. Design categories would be provided per U.S. counties.
- R. Jackson commented that SEAC's policy position recommends SDC B minimum for the entire State of Colorado for all Risk Category II and higher structures. The preliminary maps do not reflect that extent.

3. Status Update - 2020 Building Resilient Infrastructure and Communities (BRIC) grant.

- A draft report has been submitted to the State of Colorado for review and comment.
- CEHMC will review the document after the State of Colorado review is complete.
- In the meantime, FEMA has canceled the BRIC program.
- S. Board mentioned to R. Jackson via email that he would like to include a non-structural element checklist in the report.

4. American Society of Civil Engineers (ASCE) Infrastructure Report Card for Colorado Schools

- American Society of Civil Engineers completes report cards approximately every four years for existing nation-wide infrastructure.
- The report card for Colorado, including schools, will be first presented on July 23, 2025, at Denver International Airport. References to the seismic design Policy Positions from CEHMC and SEAC will be included in the resilience section of the schools report.

5. NEHRP Reauthorization Support

- CEHMC sent an email to EERI in June 2025 to offer support for the NEHRP program.
- CEHMC is awaiting feedback from EERI on how best to provide formal support for the program.

6. Other News

- CGS installed a new seismic station near Walsenburg, CO on Monday July 14, 2025.
- M. Zellman will give a presentation about the Cheraw fault at the 2025 AEG Annual conference; September 23-27, 2025 in Chicago.

7. Possible Future Speakers

- Colorado Energy and Carbon Management Commission.
- Unspecified URM retrofit specialist –R. Jackson or M. Haughey to evaluate.

8. 2025 meeting schedule:

- Jan 16, March 20, May 15, July 17, Sept 18, and November 20.