

October 30, 2020
Utah Seismic Safety Commission
Held Virtually
Quarterly Meeting Minutes

On October 30, 2020, a regularly scheduled quarterly meeting of the Utah Seismic Safety Commission (USSC) was held virtually on account of COVID-19. Chair, Keith Koper, called the meeting to order at 9:00 a.m.

Members Present:

Keith Koper, Chair	University of Utah Seismograph Stations
Steve Bowman, Vice Chair	Utah Geological Survey
Jessica Chappell	Structural Engineers Association of Utah
Leon Berrett	American Public Works Association
Kris Hamlet	Utah Division of Emergency Management
Steven Bruemmer	American Institute of Architects, Utah Disaster Assistance
Patrick Tomasino	Utah Division of Facilities and Construction Management
Evan Curtis	Utah Governor’s Office Planning and Budget
Sean McGowan	Federal Emergency Management Agency (Ex-Officio)
Kyle Becker	Utah Insurance Department

USSC Staff Present:

Bob Carey	Utah Division of Emergency Management
John Crofts	Utah Division of Emergency Management
Adam Hiscock	Utah Geological Survey
Emily Kleber	Utah Geological Survey

Guests Present:

Kris Pankow	University of Utah Seismograph Stations
Eric Martineau	Utah Division of Emergency Management
Sheila Curtis	Utah Division of Emergency Management
Brent Maxfield	Utah Citizens for Seismic Safety
Grant Willis	Utah Citizens for Seismic Safety
Emma McFee	Utah Division of Emergency Management

*Please note other guests were present and not identified, due to meeting being held virtually. Attendees and guests were introduced or identified online. Other guests attending via Live Stream are not identified.

Members Not Present (excused):

Peter McDonough	American Society of Civil Engineers
Orion Goff	Utah League of Cities and Towns
Joaquin Mixco	Utah Department of Transportation
Chris DuRoss	U.S. Geological Survey (Ex-Officio)

Welcome and Introduction of Members and Visitors/Approval of Minutes

Keith Koper made introductions and invited attendees to introduce themselves.

Approval of Minutes

Steve Bowman asked for a vote on the approval of Minutes from July 30, 2020 Utah Seismic Safety Commission meeting and the Fourth Quarter joint Utah/Nevada meeting.

Bob Carey (Proxy for Kris Hamlet) made a motion to approve the minutes, for July 30, 2020 meeting minutes.

Keith discussed writing letters of recognition past Commission members. *Meldee Love, Craig Kerkam, Leon Barrett and Roger Evans.*

Steve proposed a motion to send letters to Leon, the past Chair and the past three Commissioners.

Jessica Chappell seconded the motion

The motion was passed.

Commission Membership and Future Plans

Keith discussed the two Commission vacancies from the Legislative vacancies. He suggested emailing Kris Hamlet with anyone interested. The Association of Contingency Planners needs to appoint another Commissioner from Craig Kerkman's retirement.

Steve Bowman stated that the last Legislative Session had a change, and that now, Kris Hamlet, Director of Division of Emergency Management, by statute has authority to appoint two new members to replace the two vacancies from the legislature. There was a discussion on various organizations that could be represented on the Commission.

Bob Carey will convey the Statute change to Kris Hamlet regarding the appointees.

Keith opened discussion on the Commission's potential sunset date.

Steve informed the Commission that if no legislation were to be introduced, then the Commission would sunset on Jan 1st 2025. A discussion ensued on introducing legislation eliminate the sunset clause on the Commission.

Evan Curtis recommended presenting legislation now. Discussion concluded with full agreement to get a bill through on the next Legislative session.

Jessica Chappell reported that Representative Andrew Stoddard could be approached and that he was helpful in the past.

Bob suggested consulting with Kris Hamlet to assist with Legislative language.

Evan suggested asking someone, not working with the state, to make a recommendation.

Jessica offered to reach out to the Legislators for assistance.

Keith discussed Fix the Bricks and the potential to expand it to a State-wide program. Discussion regarding Fix the Bricks occurred regarding people outside of Salt Lake City who wish to participate.

Jessica made a motion to set up a subcommittee to discuss Brent Maxfield's motion and have on the agenda for the next meeting for a full recommendation.

Leon seconded the motion to create a subcommittee. The Motion passed unanimously.

Sean McCowan discussed the Building Resilient Infrastructure and Communities (BRIC) program. He answered questions and provided BRIC presentation.

Keith mentioned that the Executive Committee would further discuss BRIC in another meeting and suggested discussing BRIC at future Commission meetings.

John Crofts discussed the Progress Report and provided a overview of the draft Progress Report and thanked everyone for their narratives. He invited the Commission to contact him for additional edits.

Brent Maxfield discussed the Utah Citizens for Seismic Safety and Earthquake messaging. He provided a presentation and included an expanded message with a Wasatch Fault emphasis. He provided some suggestions for the Commission and offered support and assistance to the Commission on earthquake mitigation and messaging efforts. He petitioned Commissioners and others to share his presentation to their own respective groups. His presentation was followed by a discussion regarding earthquake hazards, messaging, and scientific aspects of earthquakes.

Brent answered questions and presented the Commission various action items he advocated.

Bob briefly discussed the National Institute of Standards and Technology Advisory Committee on Earthquake Hazards Reduction and discussed his involvement and contributions.

Kris Pankow held a presentation regarding the monitoring for potential induced seismicity from the Utah Frontier Observatory for Research in Geothermal Energy (FORGE) project. She explained the project as a large Department of Energy (DOE) project and explained the seismic aspects relating to this project. The project is examining drilling a deep wells and then capturing the thermal energy from the deep wells. This is a research project that is examining new technology to capture geothermal energy. If technology can be developed, then this could be shared with other regions in the world to harness geothermal energy. She described the project in detail and explained that the seismicity in the particular study area is low.

Jessica Chappell discussed improvement of Seismic design standards and building resiliency. She discussed details and explained the importance of improved design standards and building resiliency.

Emily Kleber discussed Surface Fault Trace Mapping and Special Study Areas in the Cache Valley and Utah Geologic Survey work for the next update the Utah Geological survey National Seismic hazard maps. She discussed the challenges with Northern Utah and building on active faults. She discussed updating Putting Down Roots and the new Spanish version that would be available with the new printing.

Bob was recently appointed to the ACEHR Committee, and he explained what they do and explained that they advise all NEHRP agencies. He now sits on this committee and provided membership details. He invited the Commission to provide him input to push to the Committee. He said he is interested in having FEMA create an Earthquake Office and it would be beneficial to everyone. Virtual meeting they meet twice a year.

Keith asked for a motion to adjourn the next meeting will be January 21, 2021 from 9:00 a.m. to noon.

Action Items

- Commission write letters of recognition past Commission members. *Meldee Love, Craig Kerkam, Leon Berrett and Roger Evans.*
- Discussion of BRIC program at future meetings
- Share Brent Maxfield's presentation with other respective parties
- Replacement of Commission Vacancies to be discussed at next meeting
- Remove the Commission from the Sunset list
- Progress Report Draft
- Messaging Committee

Patrick made a motion to adjourn to adjourn.

Evan seconded motion the motion.

By acclamation the meeting was adjourned.