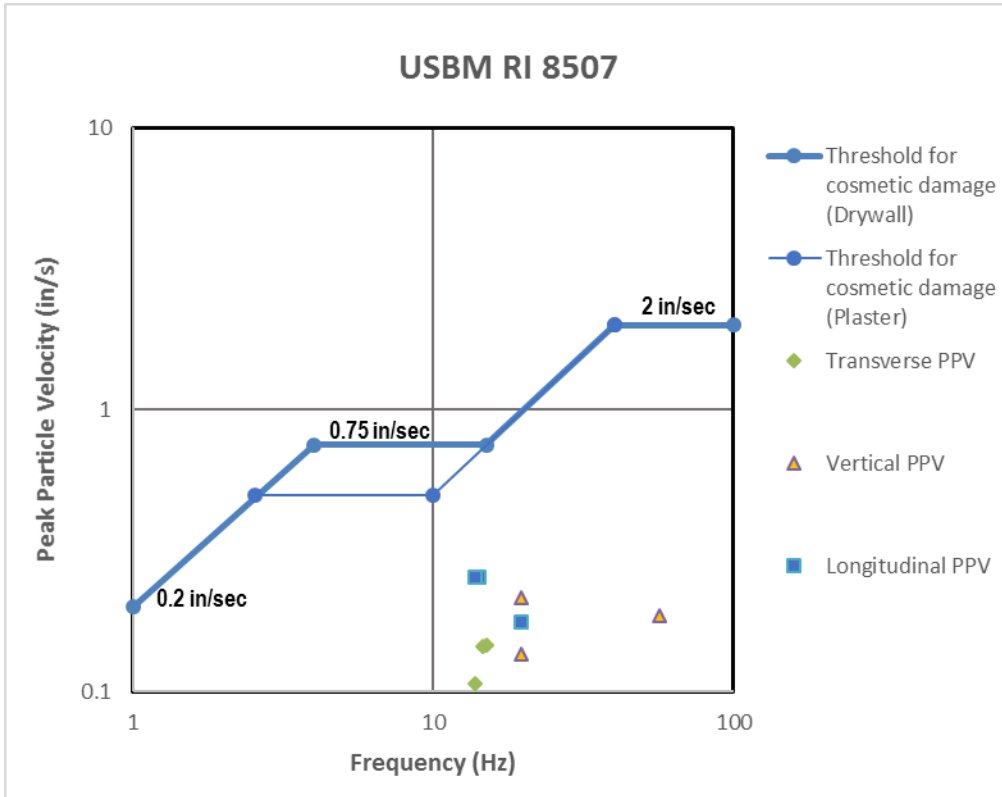


Week of August 12 to August 17, 2019

Vibration monitoring was performed near the 39th Avenue and Elm Street box culverts shoring installation.

Shoring Installation; 39th Avenue, west of Elm Street (Zone 19)

Vibration Monitor UM13960:



Based on the data recorded in Zone 19, it appears that the threshold amplitude of ground vibrations generated from the construction activities did not exceed the levels set forth in the U.S. Bureau of Mines (USBM) recommendation (RI 8507 1980) that are capable of producing damage to plaster and drywall in residential structures for the dates and times recorded.