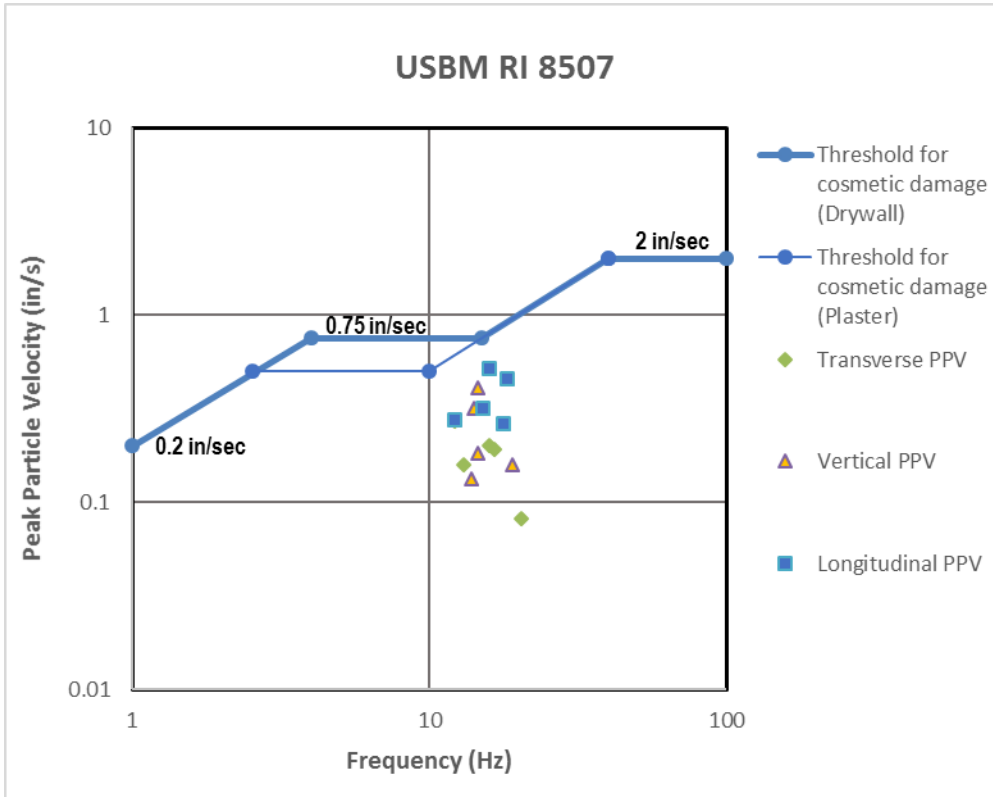


Week of August 5 to August 10, 2019

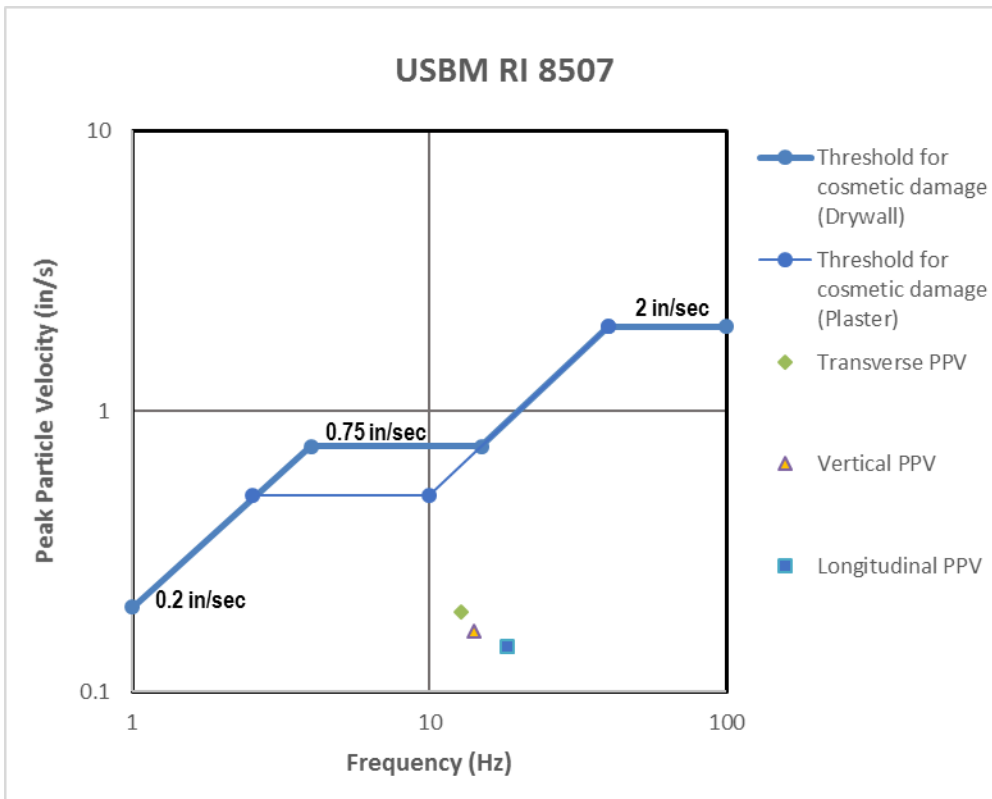
Vibration monitoring was performed near the 39th Avenue and Elm Street box culverts shoring installation.

**Shoring Installation; 39<sup>th</sup> Avenue, west of Elm Street (Zone 19)**

Vibration Monitor UM9181:



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.