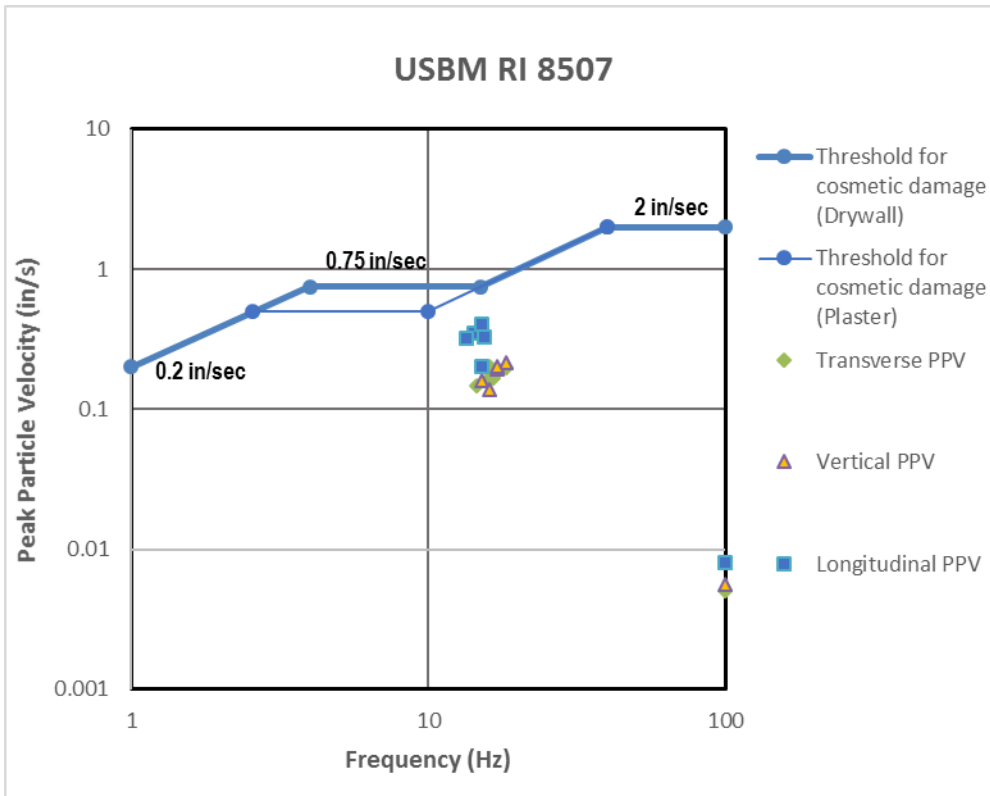


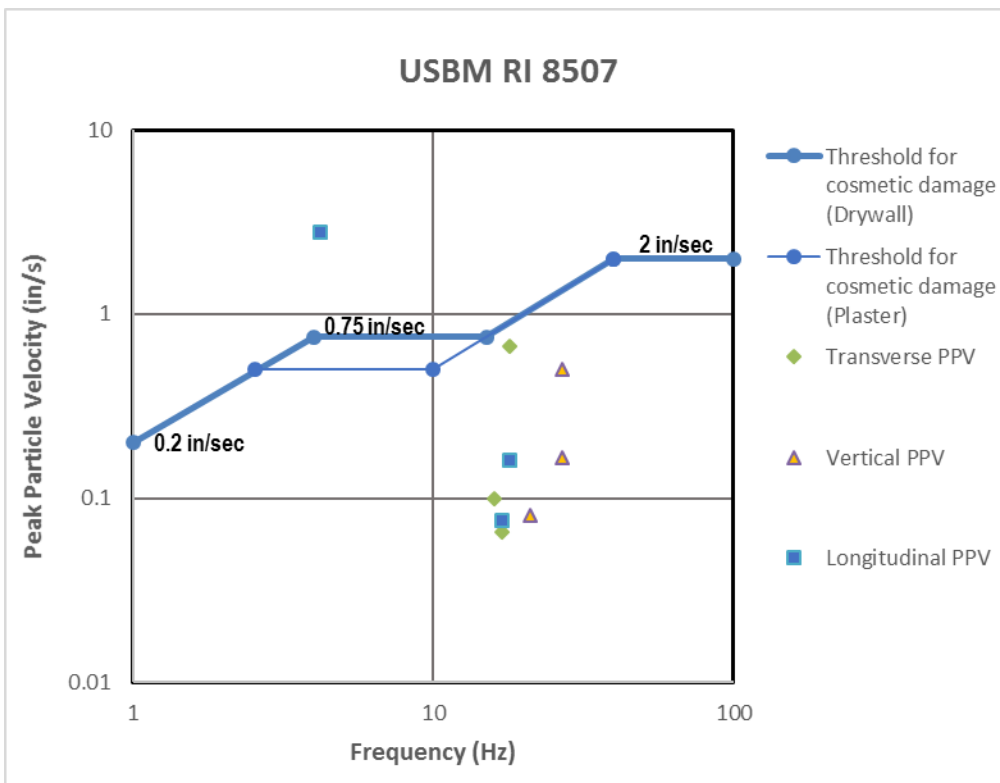
**Week of September 16 to September 21, 2019**

Vibration monitoring was performed near the shoring installation associated with the Park Hill Detention Pond Outfall Structure and the Box Culvert Shoring Installation near 39<sup>th</sup> Avenue and Elm Street.

Vibration Monitor UM13960:



Vibration Monitor BM9242:



On September 17, 2019, at approximately 11:46pm, the threshold amplitude of ground vibrations generated from the construction activities, recorded by Vibration Monitor BM9242, exceeded 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, as shown on the graph above. According to Mr. Jose Chavez with SEMA Construction, the exceedance at 11:46pm occurred when a SEMA employee stepped on the sand bag weighing down the monitor.