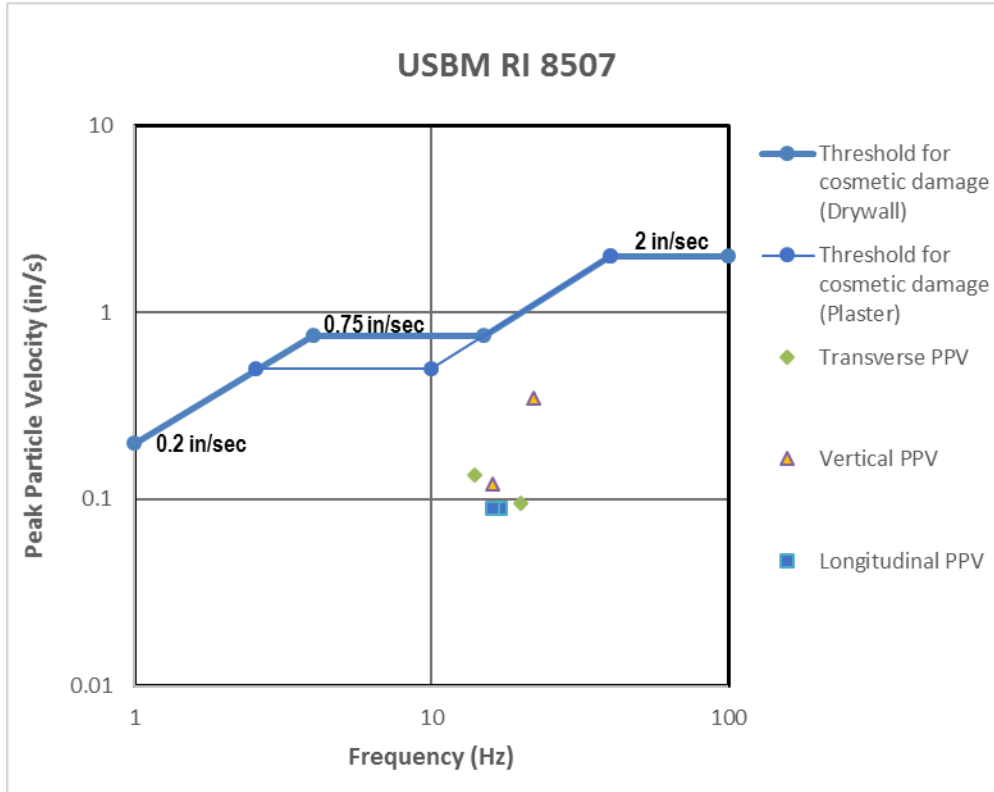


Week of July 7 to July 13, 2019

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

**Box Culverts; 39<sup>th</sup> Avenue, east of Dahlia Street (Zone 19)**



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.