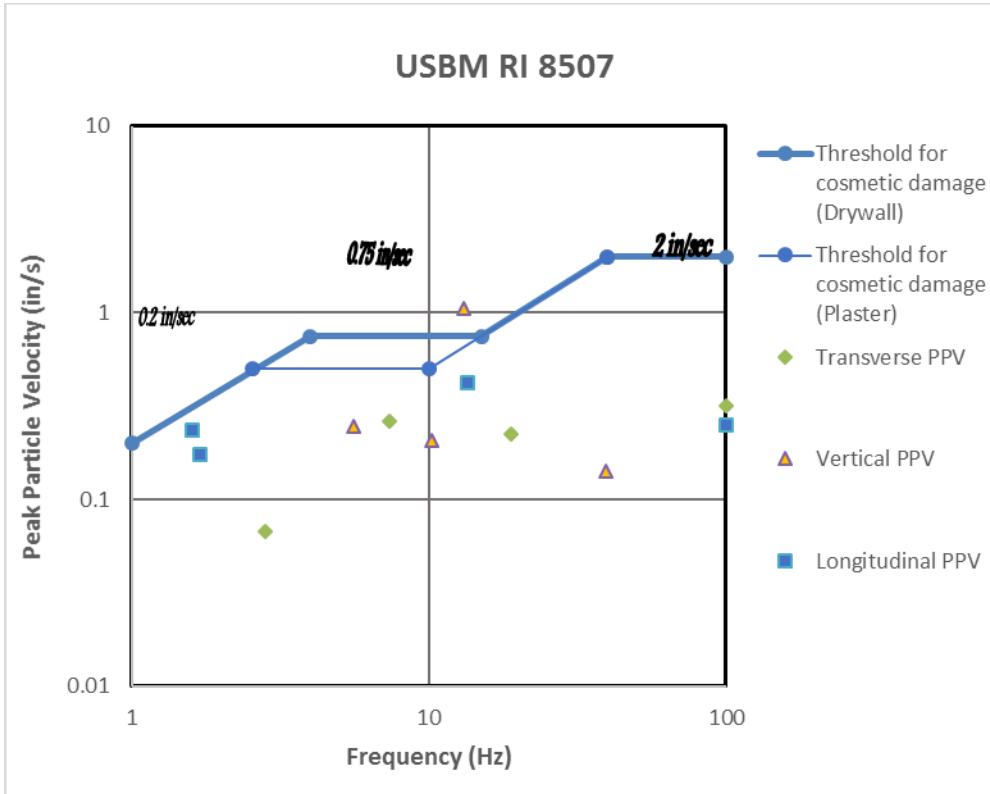


39th Avenue Greenway Vibration Monitoring

Week of January 28 to February 1, 2019

Vibration monitoring was performed near the shoring installation at A-9 and A-12 Structures.

Shoring Installation at A-9 Structure (Zone 5)

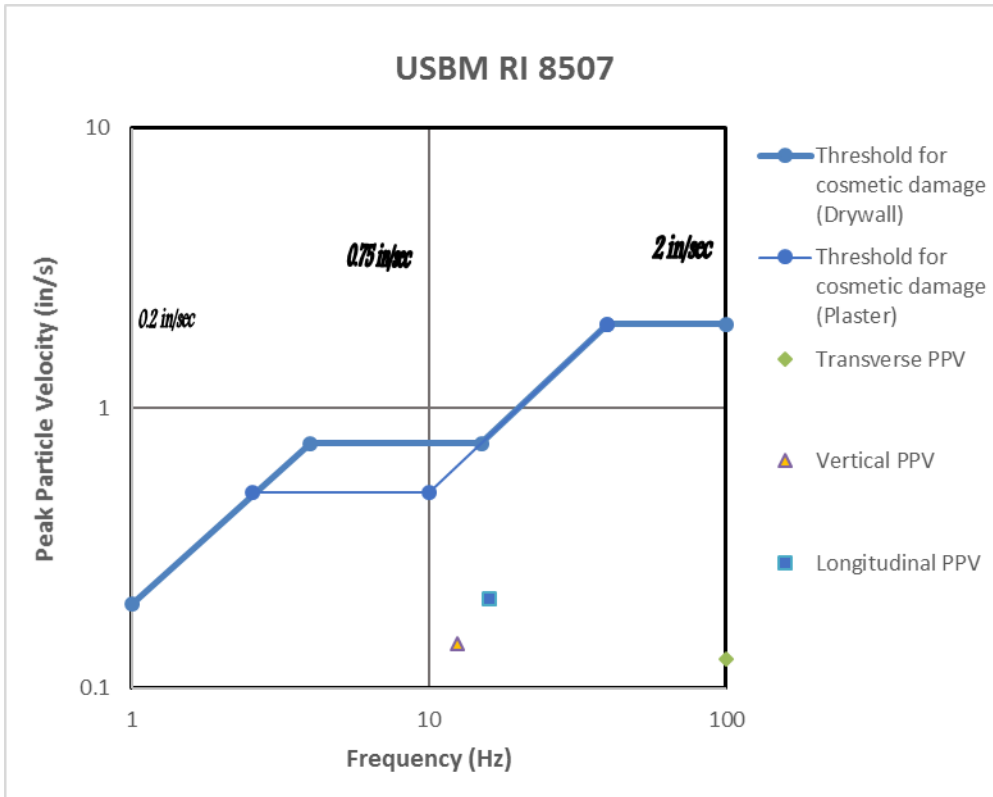


Noise Monitoring:

Date	Leq (dB(A))	Lmax (dB(A))
January 29, 2019	63.5	82.4
January 30, 2019	66.3	87.6
January 31, 2019	68.2	96.0
January 31, 2019	68.7	99.9

On January 30, 2019, the threshold amplitude of ground vibrations generated from the construction activities exceeded the levels set forth in the U.S. Bureau of Mines (USBM) recommendation (RI 8507 1980) as shown on the graph above. The exceedance on January 30, 2019 appeared to have occurred right after the monitor was turned on for the day.

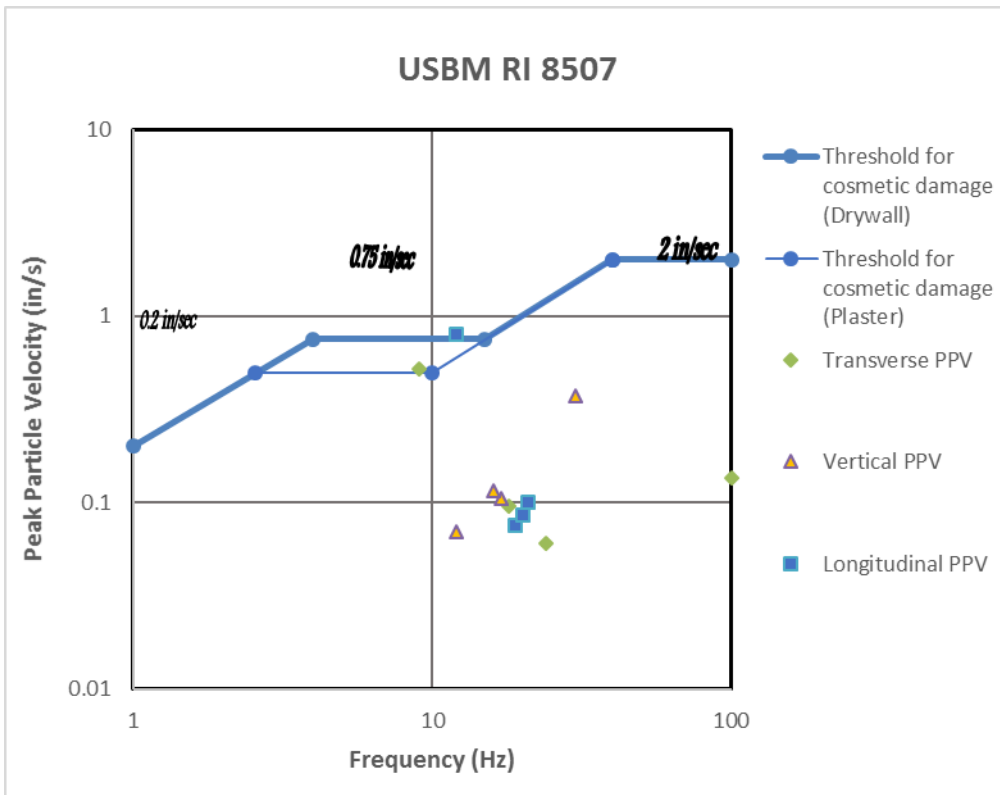
Shoring Installation at A-12 Structure, Adjacent to the High Street Bar and Grill (Zone 7)



Noise Monitoring:

Date	Leq (dB(A))	Lmax (dB(A))
February 1, 2019	72.8	92.8

Shoring Installation at A-9 Structure (Zone 5)



On January 31, 2019, the threshold amplitude of ground vibrations generated from the construction activities exceeded the levels set forth in the U.S. Bureau of Mines (USBM) recommendation (RI 8507 1980) as shown on the graph above. The exceedance on January 31, 2019 appeared to have occurred at approximately 3 pm, after the shoring operations had ended for the day. The monitor was picked up without turning it off for the day.

Shoring Installation at A-12 Structure (Zone 7)

