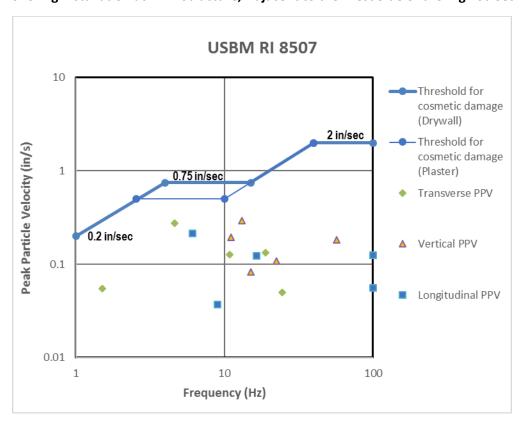
## 39th Avenue Greenway Vibration Monitoring

# Week of February 3 to February 9, 2019

Vibration monitoring was performed near the shoring installation at the A-12 Structure.

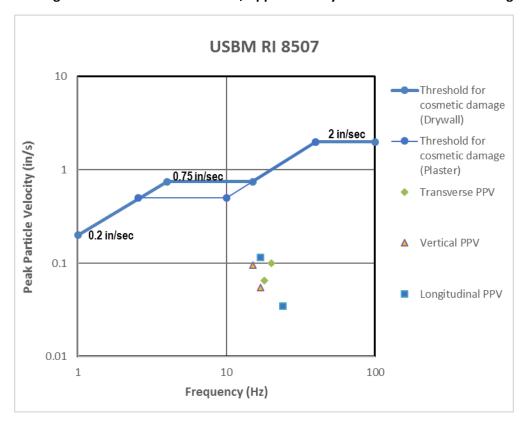
## Shoring Installation at A-12 Structure, Adjacent to the West Side of the High Street Bar and Grill (Zone 7)



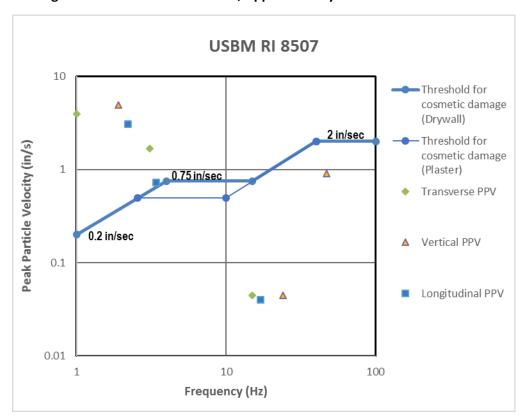
#### Noise Monitoring:

Date	Leq (dB(A))	Lmax (dB(A))
February 4, 2019	71.8	91.9
February 4, 2019	70.6	87.1
February 6, 2019	65.6	69.3
February 6, 2019	65.2	69.0
February 6, 2019	64.7	69.0

# Shoring Installation at A-12 Structure, Approximately 50 Feet South of the Shoring Installation (Zone 7)



#### Shoring Installation at A-12 Structure, Approximately 130 Feet Northeast of the Shoring Installation (Zone 7)



On February 4 and 6, 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) that are capable of producing damage to plaster and drywall in residential structures, as shown on the graph above. The exceedance on both February 4 and 6, 2019 appeared to have occurred right before the monitor was turned off for the day.