



Community Notice: Vibration Propagation Testing on 2nd Street between Folsom and Howard Streets

This important work is part of the TJPA's Downtown Rail Extension/The Portal Project

What?

The Transbay Joint Powers Authority (TJPA), delivering the Downtown Rail Extension (DTX), also known as The Portal, through its subcontractor, Wilson Ihrig, will be conducting vibration propagation testing along 2nd Street (between Folsom and Howard Streets) to obtain important information to inform the DTX design. Wilson Ihrig will uncover an already drilled borehole, install measurement equipment within the hole and impact the ground at grade with a pneumatic hammer within 300 feet of the borehole. Once all work is complete, the borehole will be re-covered.

When, Where and What Time?

The work will occur on Sunday, August 4th, 2024, with expected hours of operations from 8:00 a.m. – 5:00 p.m. on 2nd Street between Folsom and Howard streets.

(Note: Due to unforeseen circumstances, this schedule may be subject to change without notice.)

What Does This Mean to You?

- Parking spaces will be temporarily unusable while testing is happening.
- The work will not encroach upon bike or traffic lanes.
- As a safety practice, the borehole will be covered when work is not occurring.
- Some noise may be present from the generator and pneumatic hammer.

What Can You Expect?

A construction crew of up to three individuals may be present with the following equipment:

- Data recording equipment
- Gas-powered generator
- Vacuum motors
- Pneumatic hammer
- Traffic control vehicle
- Support vehicle (Pickup Truck / Van)

What is Vibration Propagation Testing?

The procedure involves impacting the ground surface with a calibrated force at many distances (typically out to approximately 300 feet) and measuring the vibratory response. In the case of a tunnel, the transmission is best measured between the future top-of-rail depth and the surface. The purpose of the testing is to measure how vibration propagates from the future tunnel invert to points on the ground surface.

Contact Us Regarding this Work

Phone: (415) 597-4620

Email: info@tjpa.org

Learn more about the TJPA's DTX project:

<https://www.tjpa.org/portaldtx>.

About the Transbay Joint Powers Authority

The Transbay Joint Powers Authority is the owner and operator of the world-class multimodal Salesforce Transit Center; and is working to extend Caltrain and ultimately, California High-Speed Rail service from 4th and King streets to the Salesforce Transit Center in downtown San Francisco through the DTX project.