KING STREET STATION
restoration project

Phase 2B

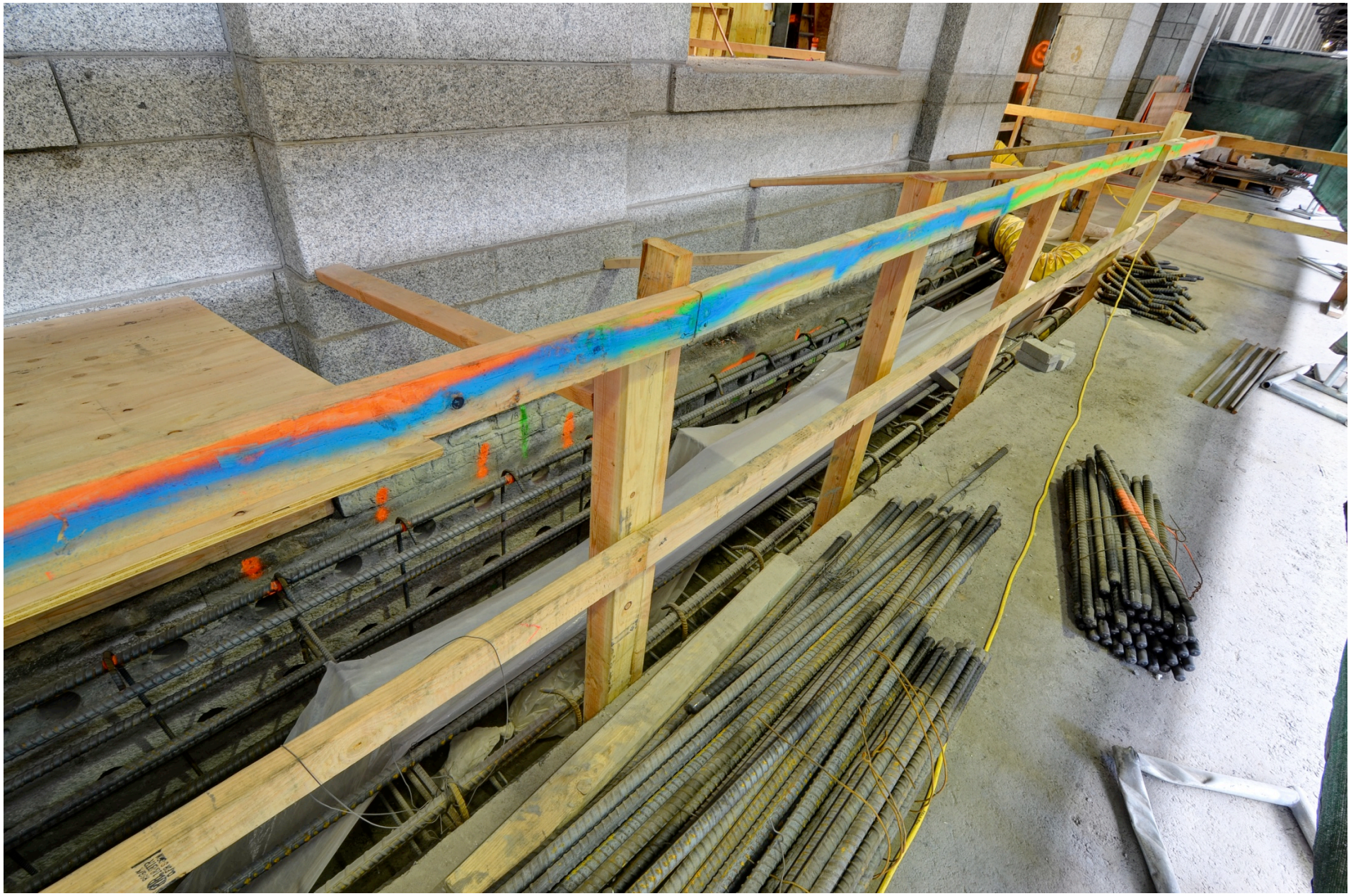
In this slide show:

Seismic Retrofit

August 23, 2012

The entire perimeter of the station gets new ring beams casted on deep pile foundation to help increase the foundation stability.

The south side was fully excavated to prepare for the new foundation reinforcement.



The ring beam is made up of large diameter rebar and cast on site concrete.

A 60 feet long portion of the 4 feet deep ring beam casted along the east side of the station.

New interior ring beams and columns are also being installed throughout the terminal.

Previous men's restroom area will get new deep pile foundation and concrete slab.

Previous Amtrak break room area also gets new deep pile foundation and concrete slab.

Original columns were wrapped with new 1 inch thick steel for greater strength.

Freshly painted structural steel on second level.

New seismic steel installation will help the station withstand future earthquake

New structural steel can be as thick as the width of a credit card.

Rectangular shape X bracing will soon be installed throughout tower levels.