

King Street Station History

Designed by Reed and Stem

Inspired by Campanile at San Marco Piazza, Venice, Italy

Opened to public May 1906

Construction cost \$450,000

National Register of Historic Places



Station Acquisition by City of Seattle



One of three major hubs to move people in and out of downtown

Opportunity to restore a landmark

Revitalize historic Pioneer Square neighborhood

Support future development around station

Project Funding

Federal (\$33 million)

Federal Railroad Administration

Federal Transit Administration

Federal Highway Administration

State (\$9 million)

Washington State Dept of Transportation Washington State Historic Society

City (\$10 million)

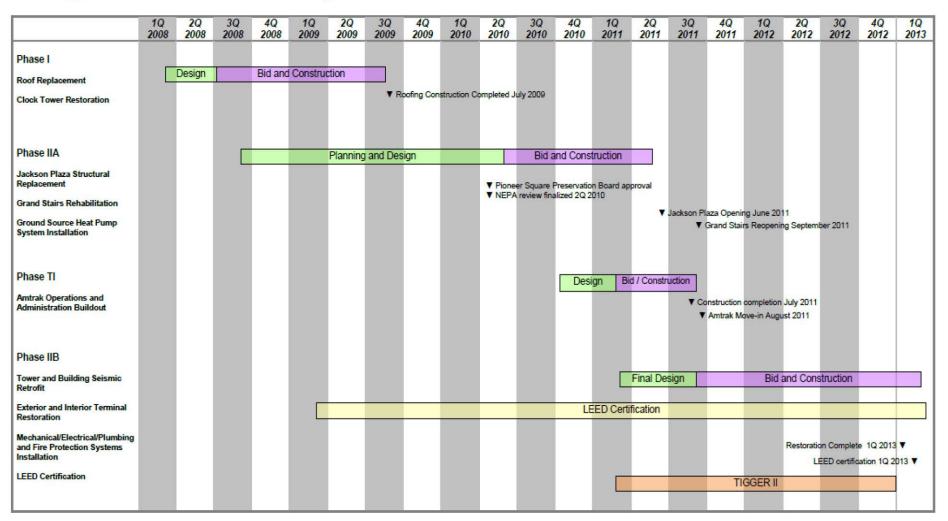
Private (\$ 0.2 million)

South Downtown Foundation
4Culture
National Trust



SEATTLE DEPARTMENT OF TRANSPORTATION

King Street Station Project Milestones



City of Seattle's Sustainable Building Mandate

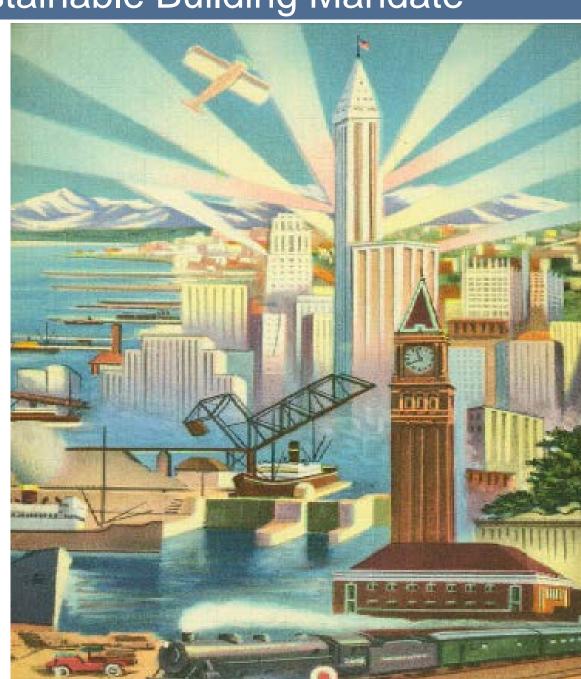
Implemented since 2000

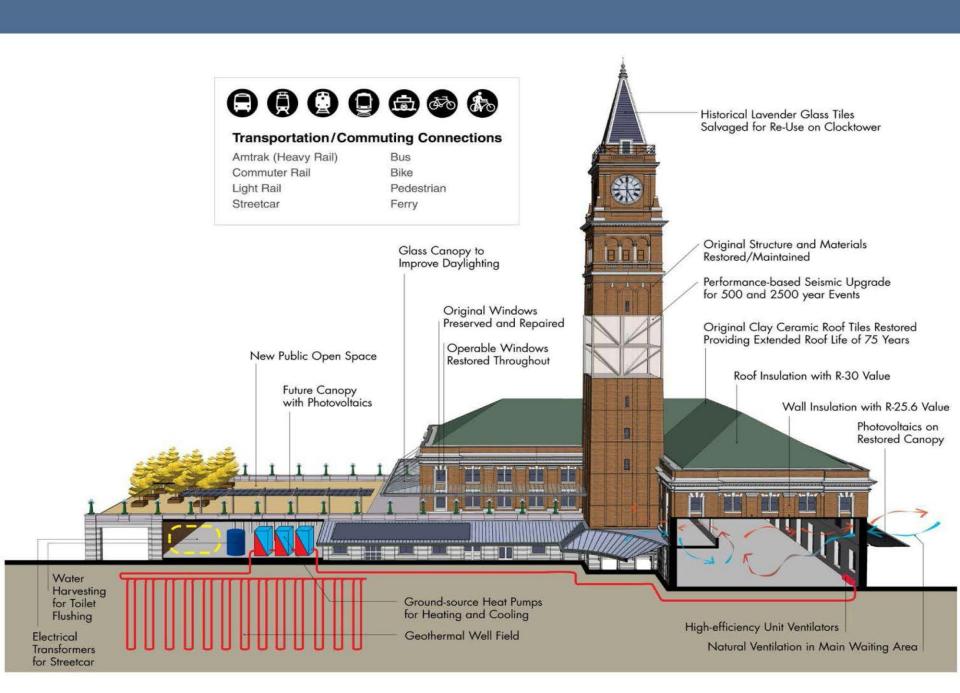
First in Nation

5,000 SF

LEED Silver minimum

King Street Station LEED Platinum

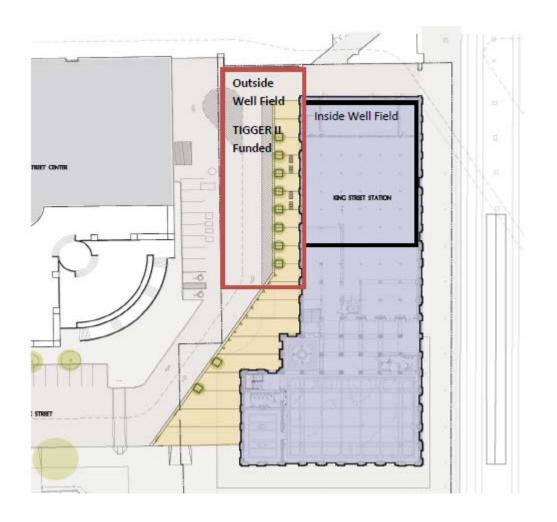




Geothermal Well Field

Ground Source Heat Pump

- 37 wells in building
- 31 outside wells (TIGGER II funded)
- 300 350 feet in depth
- quiet, energy efficient
- heating and cooling
- delete chiller and boiler



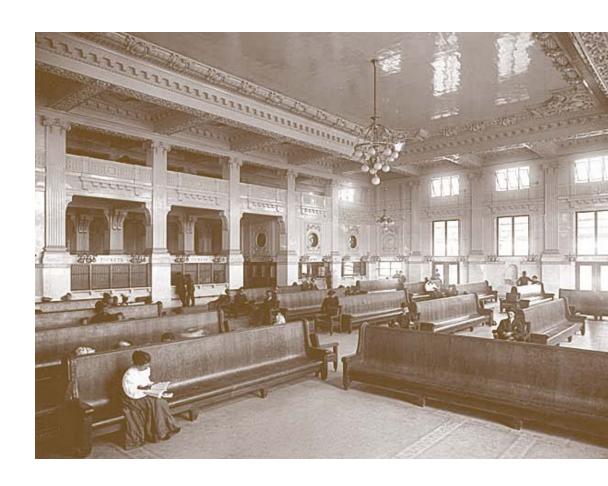
Natural Ventilation

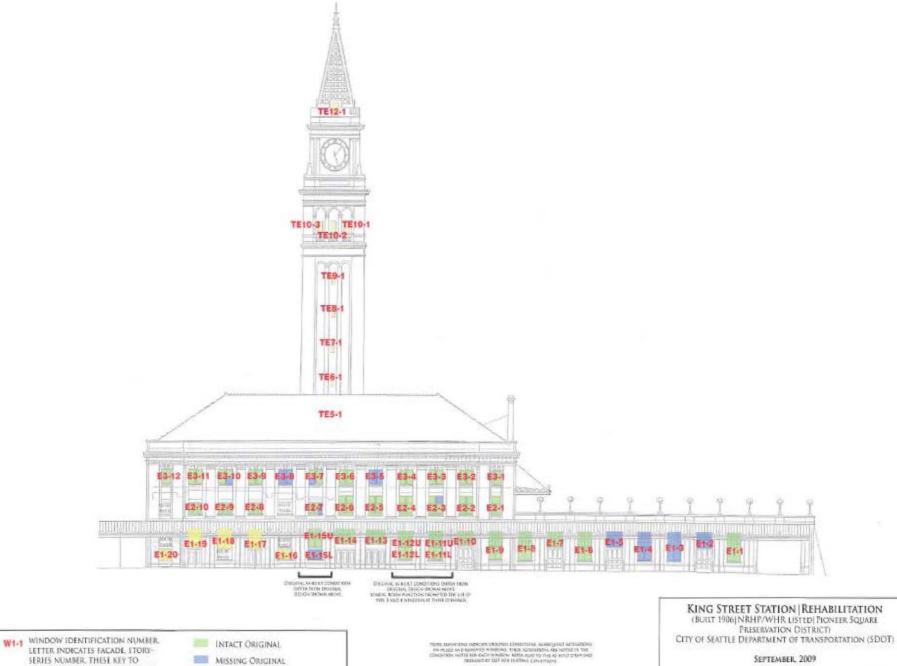
Air quality test passed

Add actuators to windows

Public Waiting Room

Larger fluctuation of temperature





KEY

LETTER INDICATES FACADE, STORY-SERIES NUMBER, THESE KEY TO CONDITION AND REPAIR NOTES IN THE REPORT

REPLICATED MID-2000S

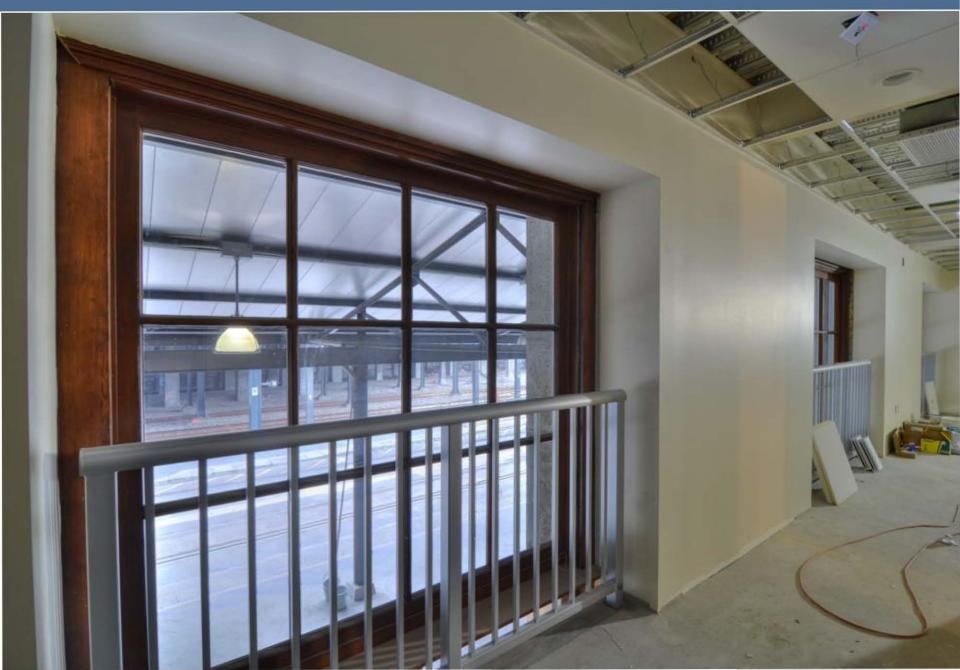
REPAIRED DURING PHASE I

KING STREET STATION | REHABILITATION (BUILT 1906| NRHP/WHR LISTED| PIONEER SQUARE

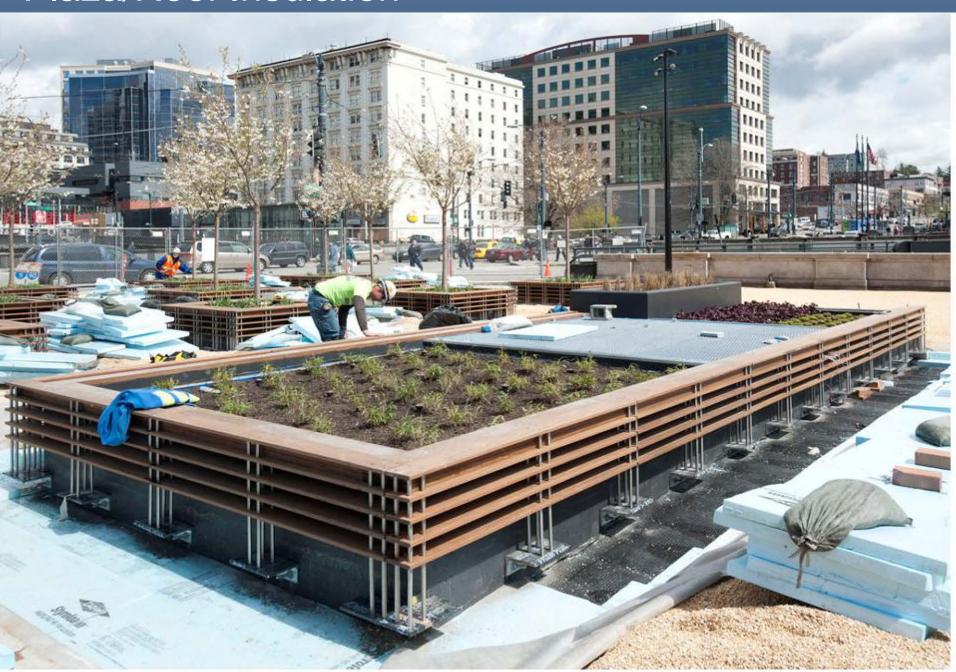
REVISIONS:



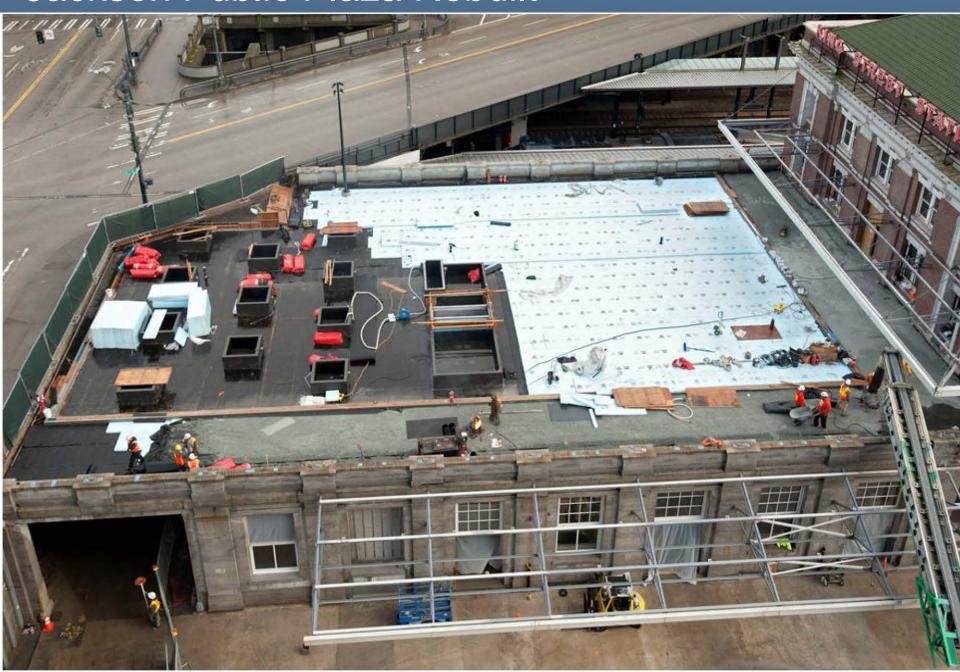
Refurbished Wood Windows



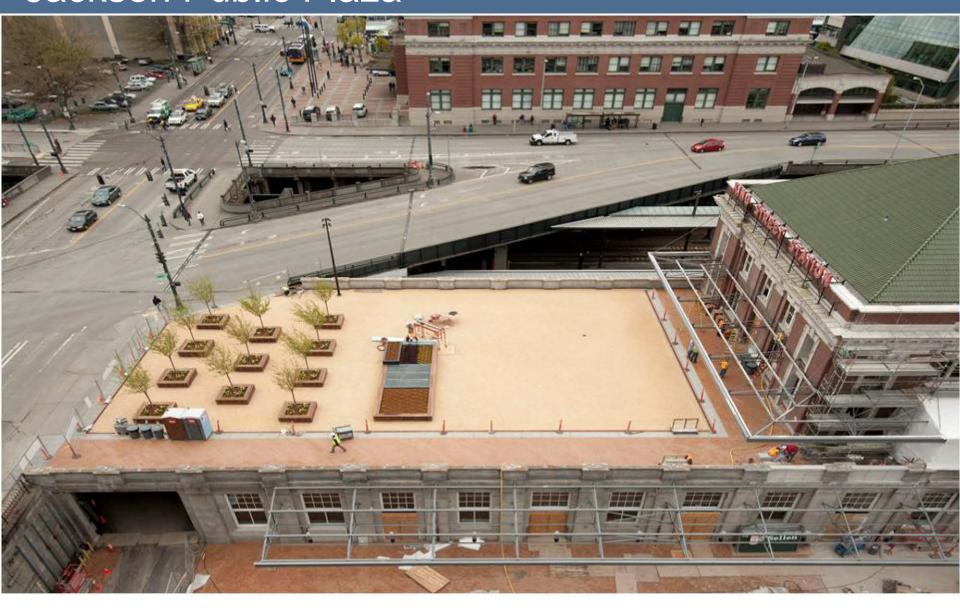
Plaza/Roof Insulation

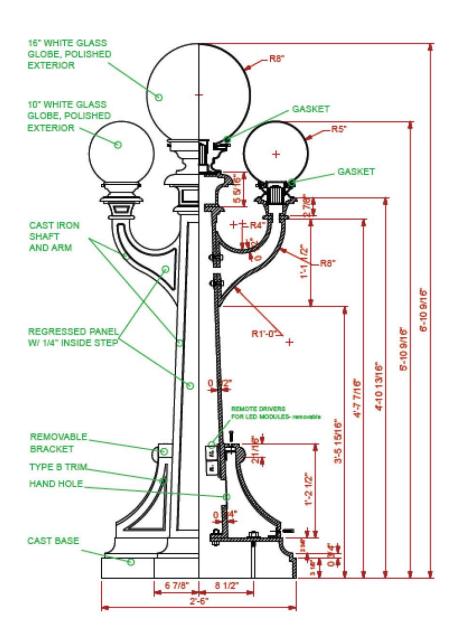


Jackson Public Plaza Rebuilt



Jackson Public Plaza







Jackson Plaza Historic Fixtures



Building Energy Performance

Original Energy Consumption: 118 KBTU/sf/yr

Completed Building: 38 KBTU/sf/yr

68% energy use reduction



206 metric tons of CO2 per year

[&]quot;Preserving the Past While Embracing a Sustainable Future: Rehabilitation of the Historic King Street Station", June 2011 APTA Boston conference

http://www.seattle.gov/transportation/kingstreet.htm

