

# South Lander Street Grade Separation Project

## Property Acquisition Acceptance Ordinance



# Our mission, vision, and core values

**Mission:** deliver a high-quality transportation system for Seattle

**Vision:** connected people, places, and products

Committed to **5 core values** to create a city that is:

- Safe
- Interconnected
- Affordable
- Vibrant
- Innovative

For **all**

# Presentation overview

- Background
- Project area
- Existing conditions
- Proposal
- Next steps

# Background

- Envisioned over 20 years ago in the Freight Action Strategy for Seattle-Tacoma (FAST)
- Seattle Comprehensive Plan (Industrial Area component)
- Seattle Freight Master Plan
- Move Seattle
- Seattle Industrial Freight Access Project created by the City and the Port





# Existing Conditions

- Heavy traffic area due to events at CenturyLink Field, Safeco Field, Starbucks headquarters, and SODO light rail station
- Serves 13,000 vehicles (16% trucks) and 1,400 pedestrians each day
- Intersects 4 BNSF Railway Company's tracks at an at-grade crossing between Occidental Avenue South and 3rd Avenue South
- Closes over 4.5 hours per day for train crossings
- Ranks in the top 0.5% nationwide for highest risk at-grade crossings by the Federal Rail Administration



# Existing Conditions

BNSF railway train crossings currently contributes to:

- Congestion
- Travel delays
- Lost revenue
- Increased idling and emissions
- Safety risks

Daily use:



**100+**  
Trains



**13,000+**  
Vehicles



**1,400**  
Pedestrians



**100**  
Bicycles



**75,000**  
Jobs supported  
(100,000 by 2040)

Daily closures: **100+**

Average traffic delay per closure: **2 minutes, 40 seconds**

Average closure time per day: **4 hours, 50 minutes**

Crossing violations per day: **485**

Collisions over the past five years: **85**

Fatalities over the past five years: **3**

# Proposal

- This project builds a bridge over South Lander Street between 1st Avenue South and 4th Avenue South to provide a grade separated crossing over the BNSF railroad tracks
- Grade separated bridge structure will have a four-lane cross-section and added safety features

The bridge will:

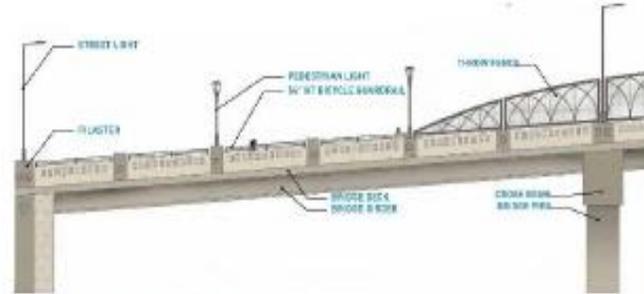
- Enhance mobility and connectivity to this critical freight area and transportation corridor
- Increase public safety for people walking, biking, and driving

# Proposal

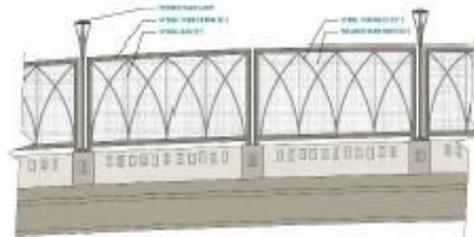
## S Lander St Bridge design



PRE-CAST WALL PANEL



BRIDGE ELEVATION DETAIL



THROW FENCE DETAIL



BRIDGE PERSPECTIVE



# Property Acquisitions

The project requires four fee acquisitions at a cost of \$109,700.

We acquired:

- 315 square feet from the Seattle School District No. 1
- 118 square feet from The Bailey Family Limited Partnership
- 108 square feet from PacWest Energy, LLC
- 885 square feet from Rabanco, LTD



# Next steps

## S LANDER ST BRIDGE PROJECT TIMELINE

### 2016-2017

- Project design
- Public outreach, feedback incorporated into design
- Project bid and awarded
- Pre-construction outreach

### 2018

#### January - April

- Pre-construction outreach
- Utility relocation
- Temporary signal modifications at Horton/1st, Hanford/1st, Holgate/1st
- Adjacent street improvements

#### May - August

- New signal at Forest/4th
- Traffic revisions in place
- Lander road closure through early 2020
- Water main work

#### September - December

- Begin footings and bridgework

### 2019-2020

#### 2019

- Bridge work continues
- Build approaches to 1st Ave and 4th Ave
- Build approaches to 3rd Ave

#### Mid 2020

Lander bridge open to traffic

## ONGOING INFORMATION AND OUTREACH

# Questions?

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<https://www.seattle.gov/transportation/projects-and-programs/programs/bridges-stairs-and-other-structures/bridges/lander-st-bridge>

[www.seattle.gov/transportation](http://www.seattle.gov/transportation)

