S Lander Street – An important SODO corridor

S Lander St serves:
• Local businesses and major employers
• Freight mobility
• Pedestrians and bicycles
• Commuters
• Transit
• Port of Seattle
• Freight and passenger rail
S Lander Street by the numbers

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 six years: **85**

Fatalities over the past six years: **3**
At the crossing

8 seconds after a train is out of frame:

9 pedestrians are already in the crossing

Notice the gates are still down and the lights are still flashing

Is another train coming?
Project goals

• Eliminate the at-grade crossing
• Fit the bridge in the right of way
• Avoid property takes
• Prioritize modal uses
• Build to budget

Our mission:

• Safest and effective solution
• Efficient use of funding
Project is fully funded

TOTAL $123 Million

- Freight Formula Recommendation $3 M
- Move Seattle Levy $20 M
- State legislative package $7 M
- City - 2016 New appropriation $13 M
- Port of Seattle $15 M
- FMSIB $8 M
- PSRC STP/CMAQ funds $9.5 M
- BNSF $2.5 M
- FASTLANE $45 M
Roadway design

Current road conditions

Final roadway design (bridge only)
Bicycle and pedestrian facilities

Bicycle and pedestrian enhancements

- 14-foot multi-use path
- Wide (8-foot) curb ramps
- Markings to better identify space for cyclists and pedestrians
- Forward-compatible design
S Lander St Bridge design

PRE-CAST WALL PANEL

BRIDGE ELEVATION DETAIL

THROW FENCE DETAIL

BRIDGE PERSPECTIVE
Project visualizations
Bird’s-eye view looking northwest
Existing site
S Lander St looking southwest
Project visualization
S Lander St looking southwest
Existing site
3rd Ave S at S Lander St looking east
Project visualization
3rd Ave S at S Lander St looking west
Existing site
Occidental Ave S at S Lander St looking south
Project visualization
Occidental Ave S at S Lander St looking south
Existing site
1st Ave S and S Lander St looking east
Project visualization
1st Ave S and S Lander St looking east
Lighting plan
Lighting

BRIDGE ELEVATION DETAIL
Project schedule

2016-2017
- Project design
- Public outreach, feedback incorporated into design
- Project bid and awarded
- Pre-construction outreach

2018
- **January - April**
  - Pre-construction outreach continues
  - Construction begins (early work)
  - Utility relocation, driveways
  - Temporary signal modifications at Horton/1st, Hanford/1st, Holgate/1st

- **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
  - Temporary closures of 1st Ave and 4th Ave to connect bridge
  - Temporary 3rd Ave closure

- **Early 2020**
  - Lander bridge open to traffic

ONGOING INFORMATION AND OUTREACH
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ONGOING INFORMATION AND OUTREACH
Early work highlights

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Local access during closure

- Alternative access via Occidental Ave S and 3rd Ave S, new driveways and signage
- Access maintained for Seattle Public Schools and Pacific Galleries
- New temporary signal at 4th Ave S and S Forest St
- Pedestrian/bicycle access maintained throughout project
- Metro bus route revisions to 1st Ave S and Edgar Martinez Ave S
Traffic revisions at 1st and Horton
Working with businesses and the public during construction

- Ongoing coordination with businesses on early actions
- Traffic and construction alerts in weeks leading up to closure, and during major shifts in work
- Placement of BUSINESSES ARE OPEN signage
- Regular website and email updates
- Flyering at SODO Link station and S Lander railroad crossing

- Construction office drop-in hours
  - Tuesday, March 27, 10am-2pm
Next steps

• Notice to proceed April 2
• Driveway, signal, intersection, and utility work

• S Lander St closure last week of May/first week of June
Stay connected

- Visit: www.seattle.gov/lander_bridge.htm
- Call project information line: 206-256-5450
- Call Eric Strauch: 206-233-7208
- Email: lander_bridge@seattle.gov

www.seattle.gov/transportation
Reference