PROJECT OVERVIEW

S Lander St is an essential east-west corridor in Seattle’s SODO neighborhood serving:

- Freight and passenger rail
- Daily vehicular commuters
- Pedestrians and bicycles
- King County Metro
- Port of Seattle
- Local businesses and major employers

**The challenge:** Regular railroad operations currently create traffic delays and significant safety concerns.

**The solution:** The Seattle Department of Transportation will build a bridge over the railroad tracks on S Lander St between 1st Ave S and 4th Ave S to improve:

- Local traffic circulation
- Rail operations
- Safety for pedestrians and bicyclists in the SODO neighborhood

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**S LANDER ST BY THE NUMBERS**

Daily use:

- Trains: 100+
- Vehicles: 13,000+
- Pedestrians: 1,400
- Bicyclists: 100
- Jobs supported: 75,000

Daily closures: 115+

Average traffic delay per closure: 2 minutes, 24 seconds

Average closure time per day: 4 hours, 37 minutes

Crossing violations per day: 494

Collisions over the past five years: 85

Fatalities over the past five years: 3

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# Timeline and Funding

## Project Timeline

<table>
<thead>
<tr>
<th>Year</th>
<th>Event 1</th>
<th>Event 2</th>
<th>Event 3</th>
<th>Event 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>Project reactivated</td>
<td>Preliminary (30%) design complete</td>
<td>Public outreach began, feedback incorporated into design</td>
<td>Federal grant approved</td>
</tr>
<tr>
<td>2017</td>
<td>January - March</td>
<td>Preliminary construction outreach begins</td>
<td>60% design</td>
<td>Preliminary construction outreach continues</td>
</tr>
<tr>
<td>2018-2020</td>
<td>July - December</td>
<td>Pre-construction outreach begins</td>
<td>Project goes to bid</td>
<td>Early 2018</td>
</tr>
</tbody>
</table>

### Ongoing Outreach and Engagement
- Open house
- Open house
- Open house
- Pre-construction open house

## Funding

- **$121.5M** Secured and recommended funding:
  - $33M: City
  - $15M: State
  - $63.5M: Federal
  - $10M: Private (Port, BNSF)
    - BNSF is committing at least 5% (approximately $5 million) pursuant to 23 CRF 666.210

- **$18.5M** Unsecured funding

**Total: $140M**
PROJECT DESIGN

11' EASTBOUND LANE
11' EASTBOUND LANE
11' WESTBOUND LANE
11' WESTBOUND LANE
2' LANE SEPARATOR
14' MULTI-USE PATH

DEAD END
MULTI-USE PATH
PARKING BELOW
RELOCATED TRANSIT STOP
BRIDGE DESIGN ELEMENTS

NOTE: Pedestrians at ground level shown only for scale, this will not be a pedestrian access area

PRE-CAST WALL PANEL
BRIDGE ELEVATION DETAIL
THROW FENCE DETAIL
BRIDGE PERSPECTIVE

DESIGN PROCESS

June - September 2016
☑️ Presented preliminary design options
☑️ Gathered public input

January - March 2017
☑️ Refined design to incorporate public feedback
☑️ Reviewed design with Seattle Design Commission

March 2017
⭐️ YOU ARE HERE
☑️ Public open house to view updated design

April 2017
☐ Seattle Design Commission final recommendation

July 2017
☐ Final design complete

S LANDER ST BRIDGE

www.seattle.gov/transportation/lander_bridge.htm

MARCH 2017
LANDSCAPING

PLANT OPTIONS

**Medium/large columnar trees**
- Firestarter Tupelo
  - *Nyssa sylvatica* 'JFS-red'

**Medium/large trees**
- Native Flame American Hornbeam
  - *Carpinus caroliniana* ‘JFS-KW6’
- Mt. Vernon English Laurel
  - *Prunus lauroceracus ‘Mt. Vernon’*
- Wall Germander
  - *Teucrium chamaedrys ‘Prostratum’*
- Patriot Elm
  - *Ulmus ‘Patriot’*
- Patriarch Elm
  - *Ulmus propinqua ‘JFS-Bieberich’*

**Low-growing shrubs and groundcovers**
- Compact Oregon Grape
  - *Mahonia aquifolium ‘Compacta’*
- Gro-Low Sumac
  - *Rhus aromatica ‘Gro-Low’*
- Massachusetts Kinnikinnick
  - *Arctostaphylos uva-ursi ‘Massachusetts’*
- Magic Carpet Spiraea
  - *Spiraea japonica ‘Walbuma’*
- Patriot Spiraea
  - *Spiraea japonica ‘Patriot’*
- Sword Fern
  - *Polystichum munitum*
- Flower Carpet Pink Groundcover Rose
  - *Rosa x Noataurum*
*Pedestrian access will be maintained across S Lander St throughout construction
PROPOSED VISUALIZATION: BIRD’S-EYE VIEW
Looking northwest
PROPOSED VISUALIZATION: OCCIDENTAL AVE S
Looking southeast
PROPOSED VISUALIZATION: S LANDER ST
Looking southwest
PROPOSED VISUALIZATION: 1ST AVE S AND S LANDER ST
Looking east
PROPOSED VISUALIZATION: 3RD AVE S AND S LANDER ST

Looking west