Columbia-Lombard Mobility Corridor Plan

EXISTING CONDITIONS
What does project success look like?

- **Safety**: eliminate traffic related serious injuries and fatalities

- **Freight mobility and access**: determine present/future needs

- **Multimodal access**: improve pedestrian/bicycle/transit environment and access to jobs/opportunities

- **Funding**: develop package of investments and a strategy for funding
From trading among Native American peoples to trading among settlers, to the current movement of goods and people, the corridor’s location has ensured its economic importance.
Columbia-Lombard demographics

- Twice as many Black / African American residents than City average
- 13% speak Spanish as their first language
- Wide range of household incomes across corridor, including high child poverty
Equity Matrix

Equity Score

- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 9
- 9 - 10

LEP >3.8%
Gentrification

Citywide Poverty Rates:
- 10.1% of families
- 19.4% of youth under 18
- 11.8% of adults over 64
Key activity centers west side
Key activity centers east side
Comprehensive Plan zoning
17,000 JOBS IN THE CORRIDOR IN 2016

23,200 JOBS IN THE CORRIDOR IN 2035
17,000 JOBS IN THE CORRIDOR IN 2016

23,200 JOBS IN THE CORRIDOR IN 2035
How corridor residents are getting around

PROJECT AREA:

- Drove Alone: 59.7%
- Carpoled: 10.1%
- Public Transit: 11.9% (incl. taxi)
- Motorcycle: 0.8%
- Bicycle: 6.7%
- Walked: 2.8%
- Other Means: 1.1%

PORTLAND:

- 7.7% worked at home.
- 0.8% used other means.
- 5.7% walked.
- 6.5% biked.
- 0.4% rode a motorcycle.
- 8.9% carpooled.
- 57.7% drove alone.
On average, people employed in the Columbia-Lombard Corridor commute much farther than the average person employed in Portland.

- **45%** of employees travel more than 10 miles
- Citywide, just 21% of employees travel more than 10 miles

**2.3 miles**
Average distance traveled on Columbia and Lombard per trip
HOW ARE PEOPLE & GOODS GETTING AROUND?

COLUMBIA TRAFFIC VOLUMES

<table>
<thead>
<tr>
<th>Location</th>
<th>Average Daily Traffic (ADT)</th>
<th>Trucks per Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Columbia &amp; 13th</td>
<td>27,000</td>
<td>5,100</td>
</tr>
<tr>
<td>Columbia &amp; 52nd</td>
<td>25,300</td>
<td>5,100</td>
</tr>
<tr>
<td>Columbia &amp; Interstate Pl</td>
<td>23,500</td>
<td>4,500</td>
</tr>
<tr>
<td>Columbia &amp; Alderwood</td>
<td>24,500</td>
<td>3,400</td>
</tr>
</tbody>
</table>

Number of vehicles per hour at Columbia & 13th average weekday:

- Total volumes: 19% TRUCKS OVERALL
- Percent of vehicles that are trucks:
  - Eastbound: 19%
  - Westbound: 19%

Number of vehicles per hour at Columbia & 52nd average weekday:

- Total volumes: 20% TRUCKS OVERALL
- Percent of vehicles that are trucks:
  - Eastbound: 20%
  - Westbound: 20%

Number of vehicles per hour at Columbia & Interstate Pl average weekday:

- Total volumes: 14% TRUCKS OVERALL
- Percent of vehicles that are trucks:
  - Eastbound: 14%
  - Westbound: 14%

Number of vehicles per hour at Columbia & Alderwood average weekday:

- Total volumes: 19% TRUCKS OVERALL
- Percent of vehicles that are trucks:
  - Eastbound: 19%
  - Westbound: 19%

Traffic volumes getting around:

- Eastbound:
  - 12AM-3AM: 22%
  - 6AM: 23%
  - 9AM: 25%
  - 12PM: 34%
  - 3PM: 26%
  - 6PM: 25%
  - 9PM: 14%

- Westbound:
  - 12AM-3AM: 20%
  - 6AM: 22%
  - 9AM: 19%
  - 12PM: 22%
  - 3PM: 24%
  - 6PM: 22%
  - 9PM: 17%

Total number of vehicles per hour at various locations.

- Columbia & 13th:
  - Eastbound: 2900
  - Westbound: 2600
  - Total: 5500

- Columbia & 52nd:
  - Eastbound: 3300
  - Westbound: 2600
  - Total: 5900

- Columbia & Interstate Pl:
  - Eastbound: 2000
  - Westbound: 1800
  - Total: 3800

- Columbia & Alderwood:
  - Eastbound: 2200
  - Westbound: 1800
  - Total: 4000

Average weekday traffic volumes and truck percentages at various intersections.
HOW ARE PEOPLE & GOODS GETTING AROUND?

LOMBARD TRAFFIC VOLUMES

21,100 ADT

1,600 trucks

29,000 ADT

2,900 trucks

36,500 ADT

3,600 trucks
WHAT IS THE TRANSPORTATION CONTEXT?

STREET CROSS SECTIONS

ARGYLE TO I-5 NB RAMP

I-5 NB RAMP TO NE 60TH

NE 60TH TO NE 82ND

WAYLAND TO DENVER & I-5 TO MLK

DENVER TO I-5

NE 11TH TO NE 60TH

NE 60TH TO NE 82ND

WHAT IS THE STREET CROSS SECTIONS

TRANSPORTATION CONTEXT?
Pavement condition

Pavement Condition
- Very Poor (PCI ≤ 39)
- Poor (PCI = 40 - 64)
- Fair (PCI = 65 - 74)
- Good (PCI = 75 - 84)
- Very Good (PCI ≥ 85)
- Gravel Street
Bike network
Corridor crash history

On Columbia and Lombard between 2012 and 2016

10 PEOPLE DIED

Crash Involving:
- People Walking
- People Biking
- People in Vehicles (severe injuries only)

Fatalities:
- People Walking
- People Biking
- People in Vehicles