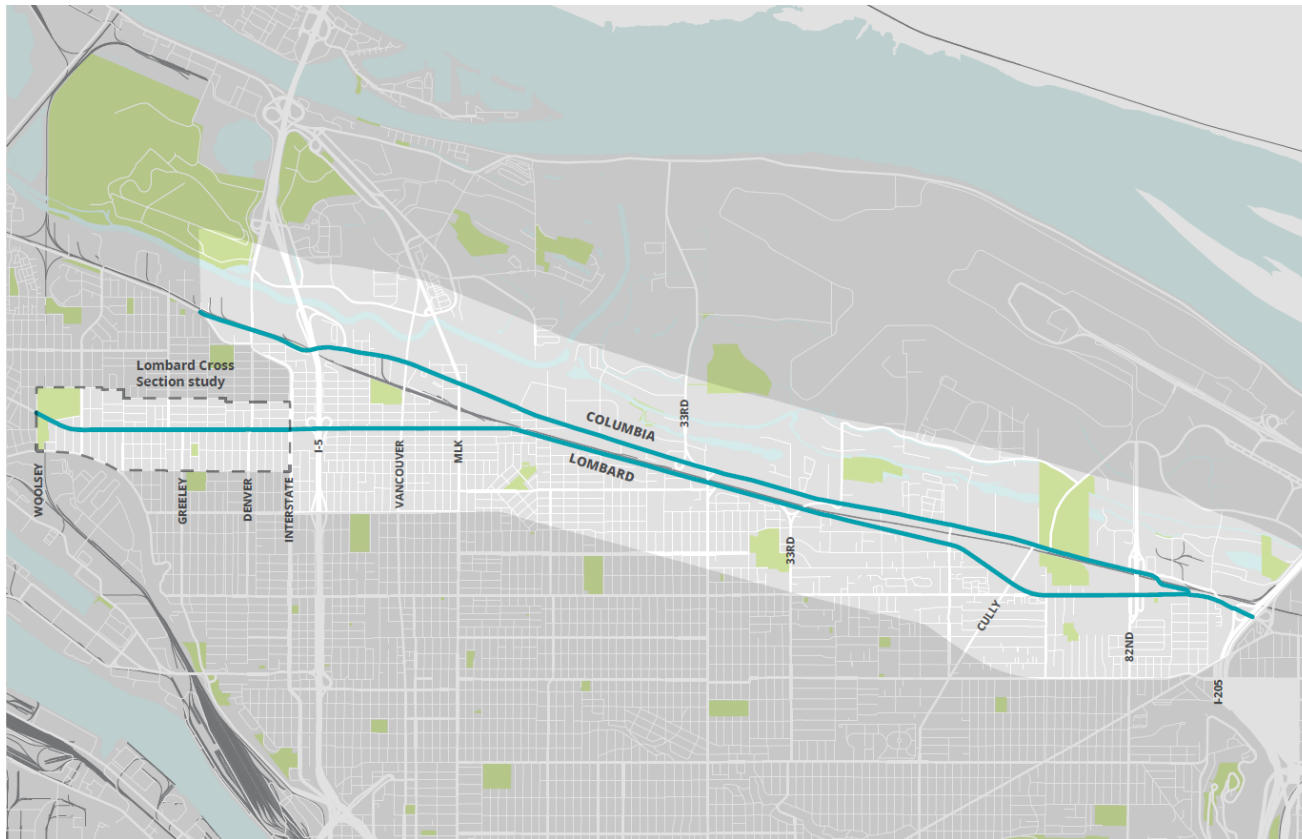




Columbia Lombard Mobility Plan

Context: Planning-level project intended to evaluate previously planned projects, identify other needs and issues, and develop prioritized list of projects for future funding consideration and incorporation into City's Transportation System Plan (TSP).



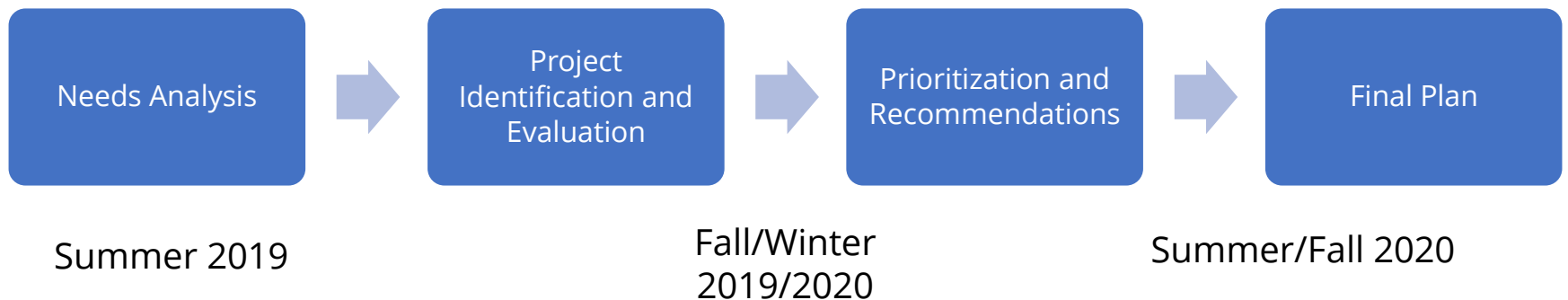
Columbia Lombard Mobility Plan

Project Objective:

Develop a plan to address safety, mobility, and access for freight, active transportation, and public transit both along the Lombard and Columbia corridors (east/west) and across them (north/south).



Planning Timeline



Why is This Project Needed?

- Aging infrastructure
- Gaps, deficiencies, and lack of clarity in the multimodal network
- Growing traffic congestion and freight movement
- Major safety issues



NE Columbia Blvd. at NE 33rd Ave.



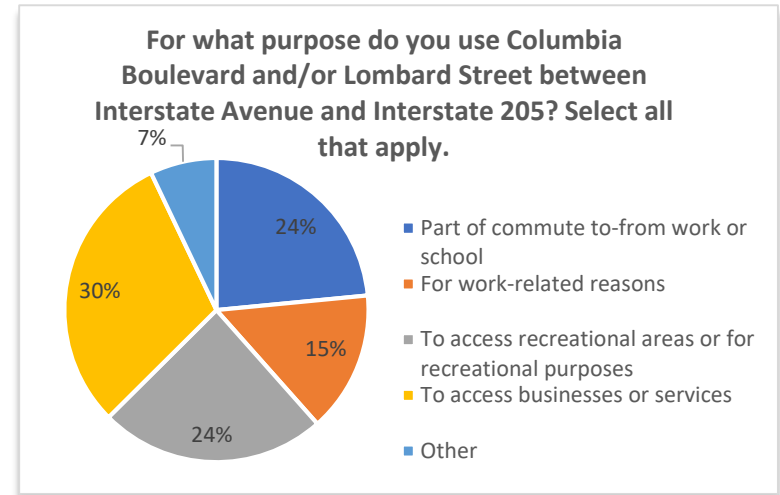
NE Russet St between NE Lombard St/NE Columbia Blvd



N Lombard St at on-ramp to I-5

What We've Heard So Far

- May/June 2019 Survey: ~750 survey respondents, 1,500+ comments on online map
- General themes : need for safety, improved conditions for those travelling by bicycle, foot, or transit, and more clarity/separation of travel modes
- Most comments: NE 11th and Lombard/Columbia, NE 33rd Dr./Ave. Overcrossing, and N. Lombard St (between N. Interstate Ave to I-5)



COLUMBIA/LOMBARD MOBILITY CORRIDOR PLAN

Bryan Poole
PBOT Project Lead

TELL US WHAT YOU NEED
Survey open May 7 – June 30, 2019

TAKE THE SURVEY HERE: bit.ly/colosurvey

LEARN MORE HERE: bit.ly/CoLoPlan

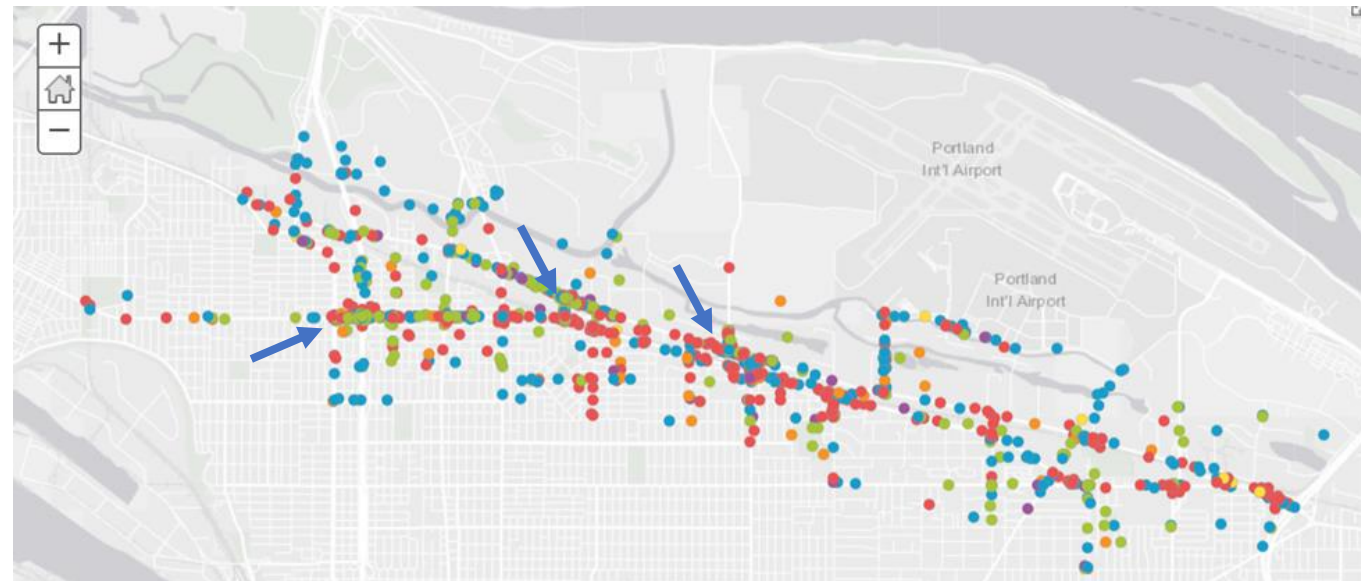
All survey respondents will be entered into a survey to win one of ten \$25 Fred Meyer gift cards and other great prizes!

COLUMBIA LOMBARD Corridor Plan

The Columbia/Lombard Mobility Corridor Plan will address safety, mobility, access for freight, active transportation, and public transit along and near the Columbia and Lombard corridors between I-5 and I-205.

Questions? Email us: columbialombard@portlandoregon.gov

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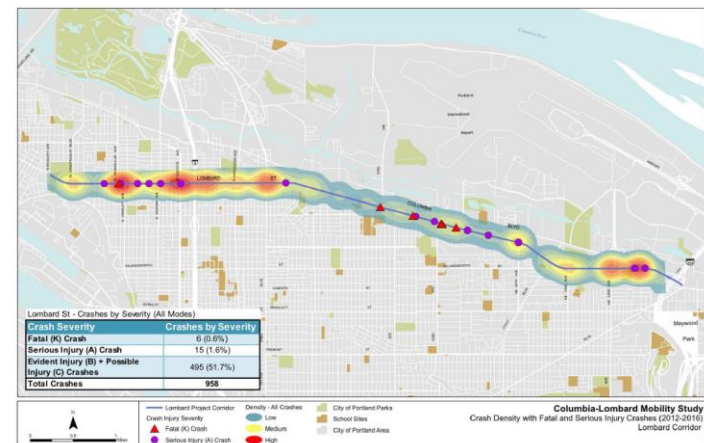


Other Analyses

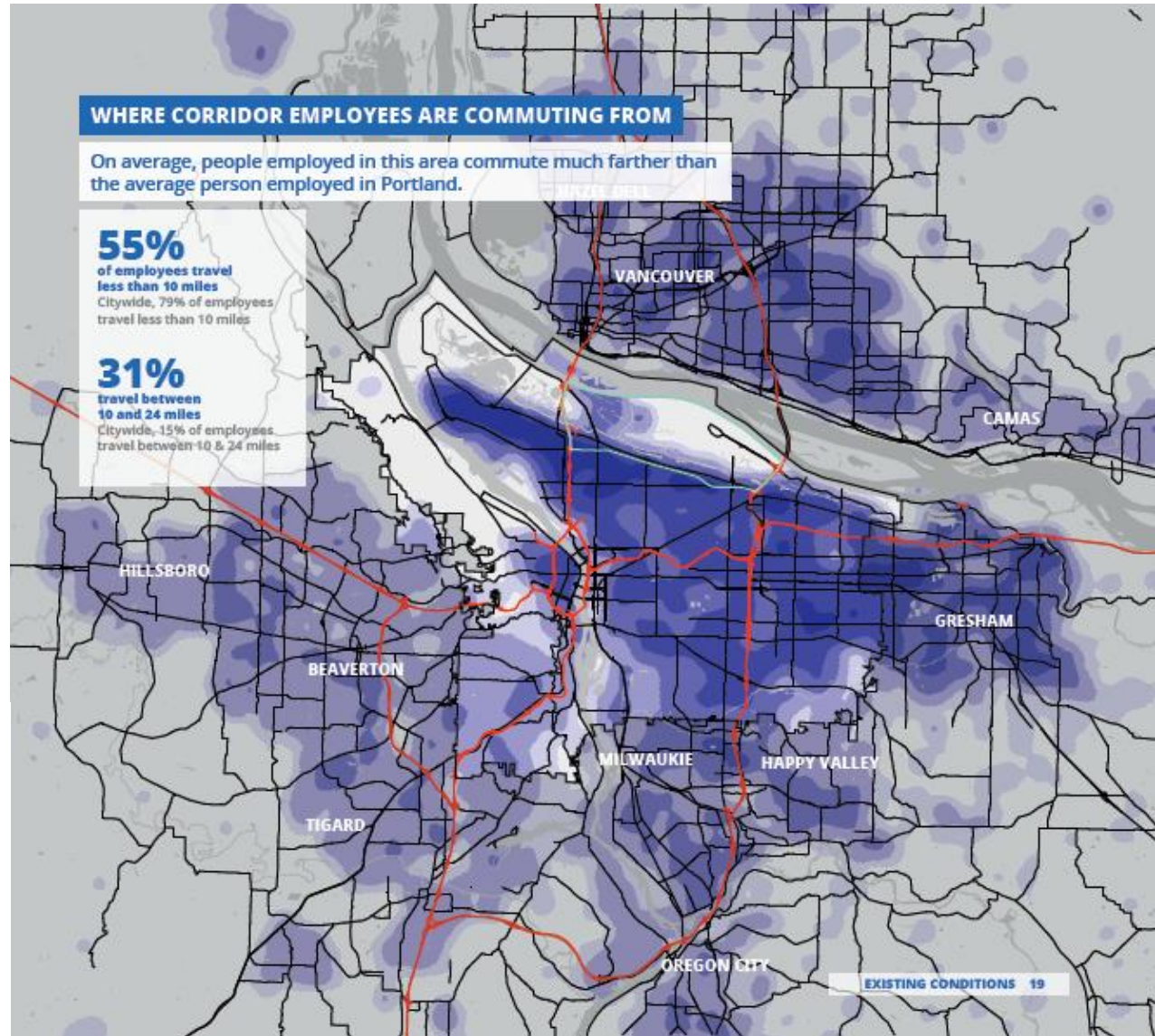
- **“Existing Conditions”** report: identified issues, previous plans and policies, area context and unique characteristics
- **“Safety Analysis”** explored crash trends, risk factors, and possible countermeasures
- **“Mobility and Access Needs Analysis”** identified needs and network gaps for different modes
- **“Rail Crossing Analysis”** analyzed crossings at 11th/Lombard and Cully Blvd.



Figure 13. Lombard Street – Total Crash Density with Fatal and Serious Injury Crashes



From “Existing Conditions” Report: Employee Commutes

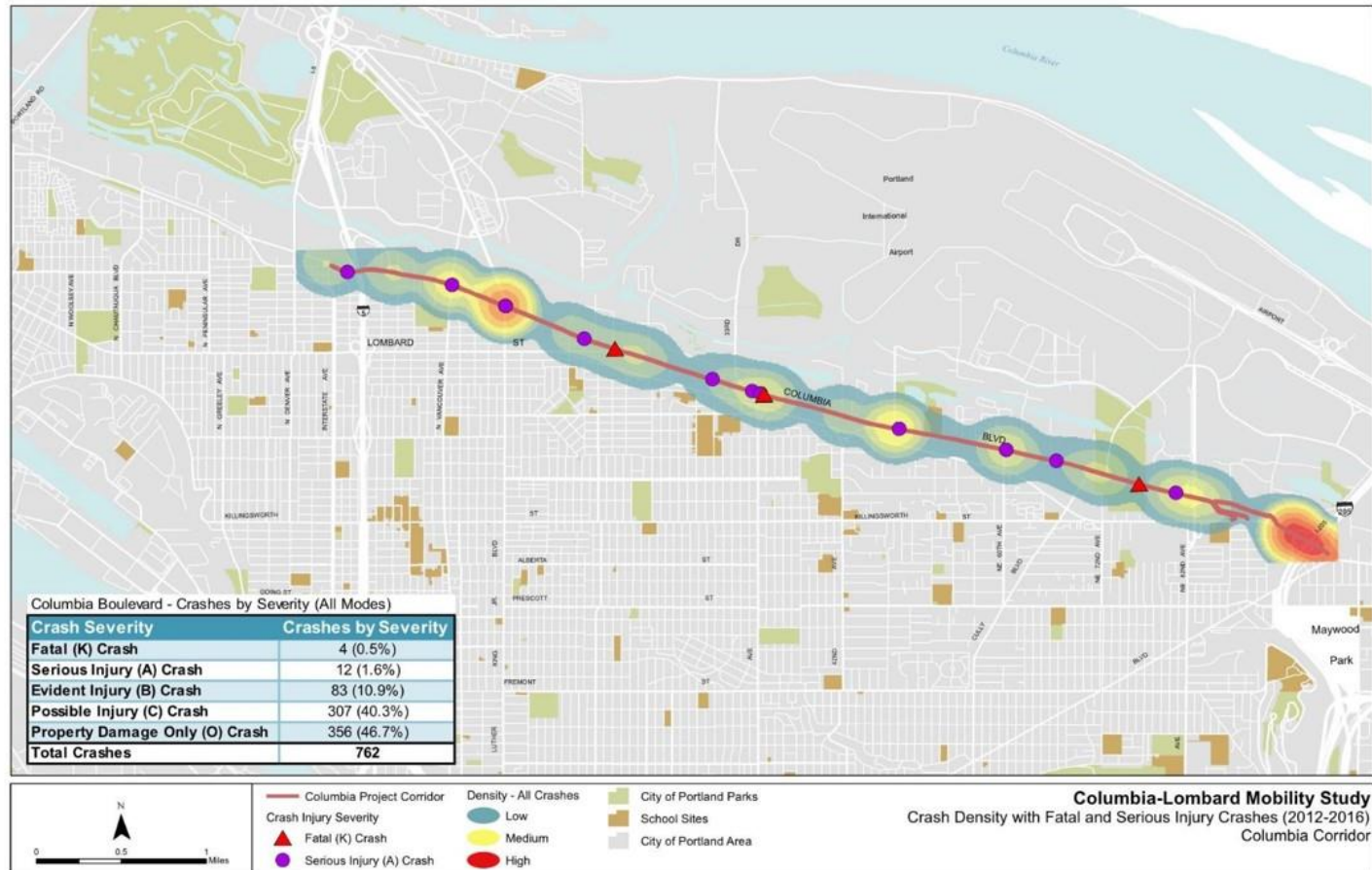


Auto trip lengths for those who travel on Columbia or Lombard in the project area

Trip origin	Average trip length (mile)	Average trip length on corridor (mile)
All origins	10.3	2.3
From NE Portland	9.4	1.9
From Portland	10.3	2.3
From outside Portland	16.2	2.5

Safety Analysis – Columbia Crash History (2012-2016)

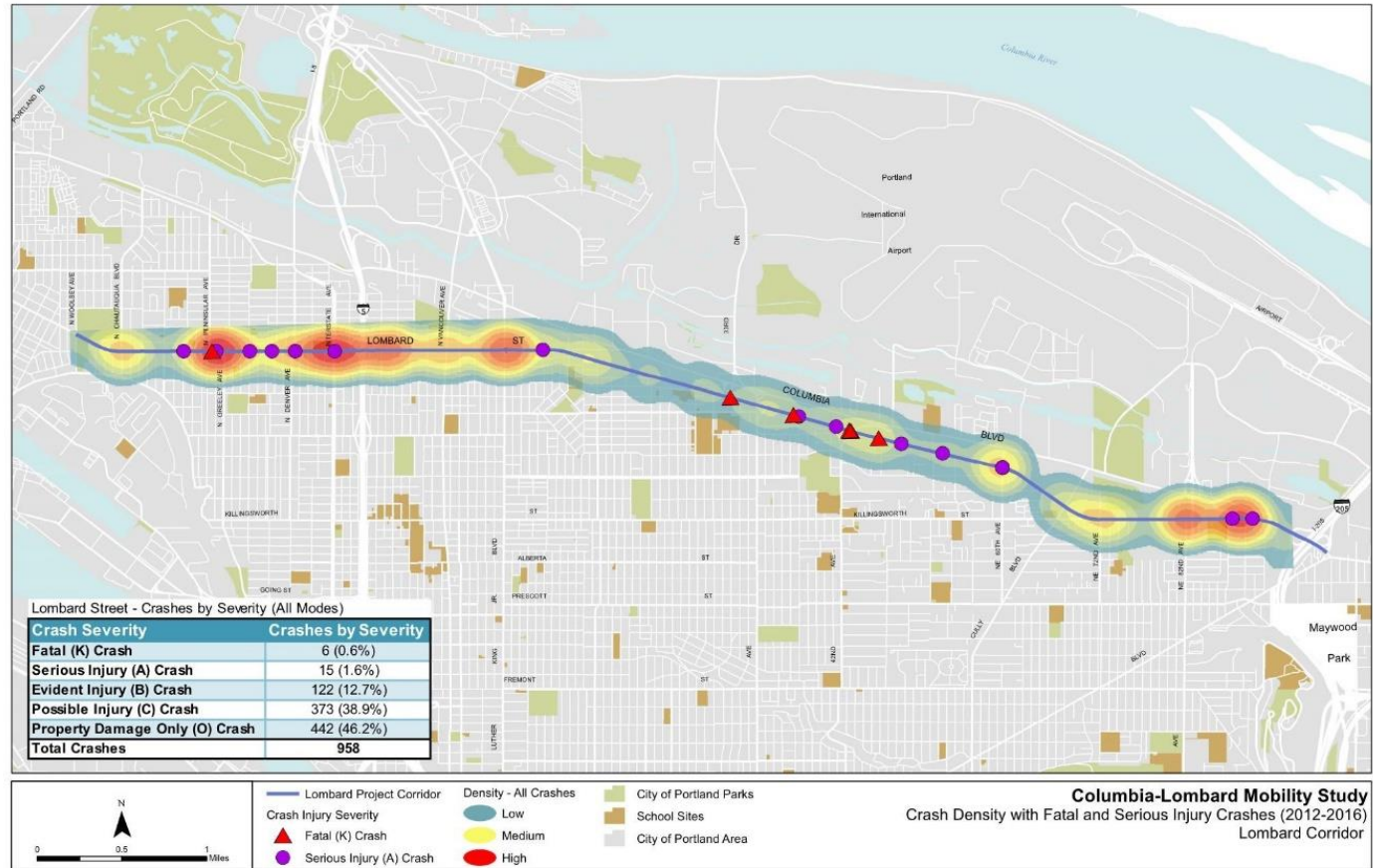
- **4 fatal and 12 serious injury crashes**
 - All fatal crashes involved both impaired drivers and speeding
- **13 pedestrian and bicyclist crashes**
 - 6 crashes east of 82nd Ave
- **Half of all crashes occurred at intersections**
 - All fatal and two-thirds of the serious injury crashes occurred along segments



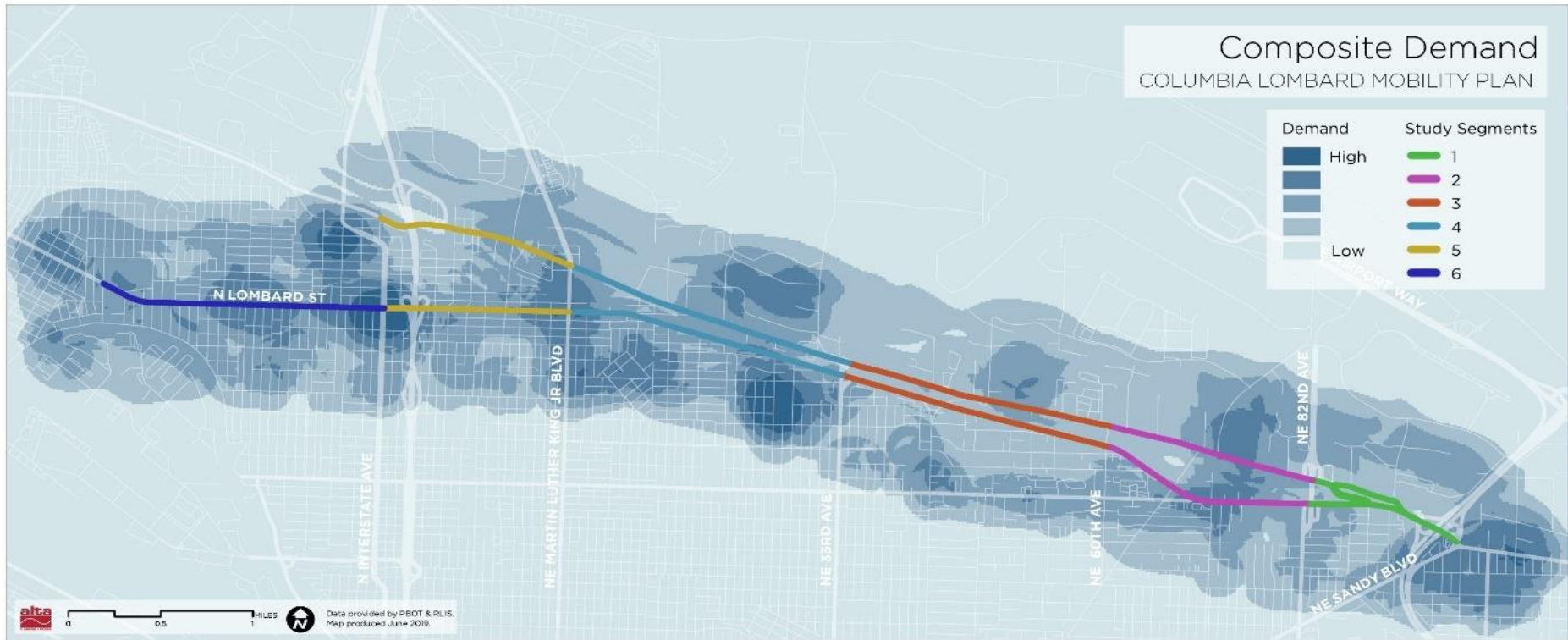
- In 2019 a person was killed at the 6400 block of NE Columbia when they got out of their truck to close a driveway gate

Safety Analysis – Lombard Crash History (2012-2016)

- **6 fatal and 15 serious injury crashes**
- **48 pedestrian and bicyclist crashes**
 - 2 fatalities + 5 serious injury crashes
 - 83% occurred west of MLK Blvd
- **Half of all crashes occurred at intersections**
- **4 additional fatalities in 2019** that killed a person walking, a person on a bicycle and two people in cars

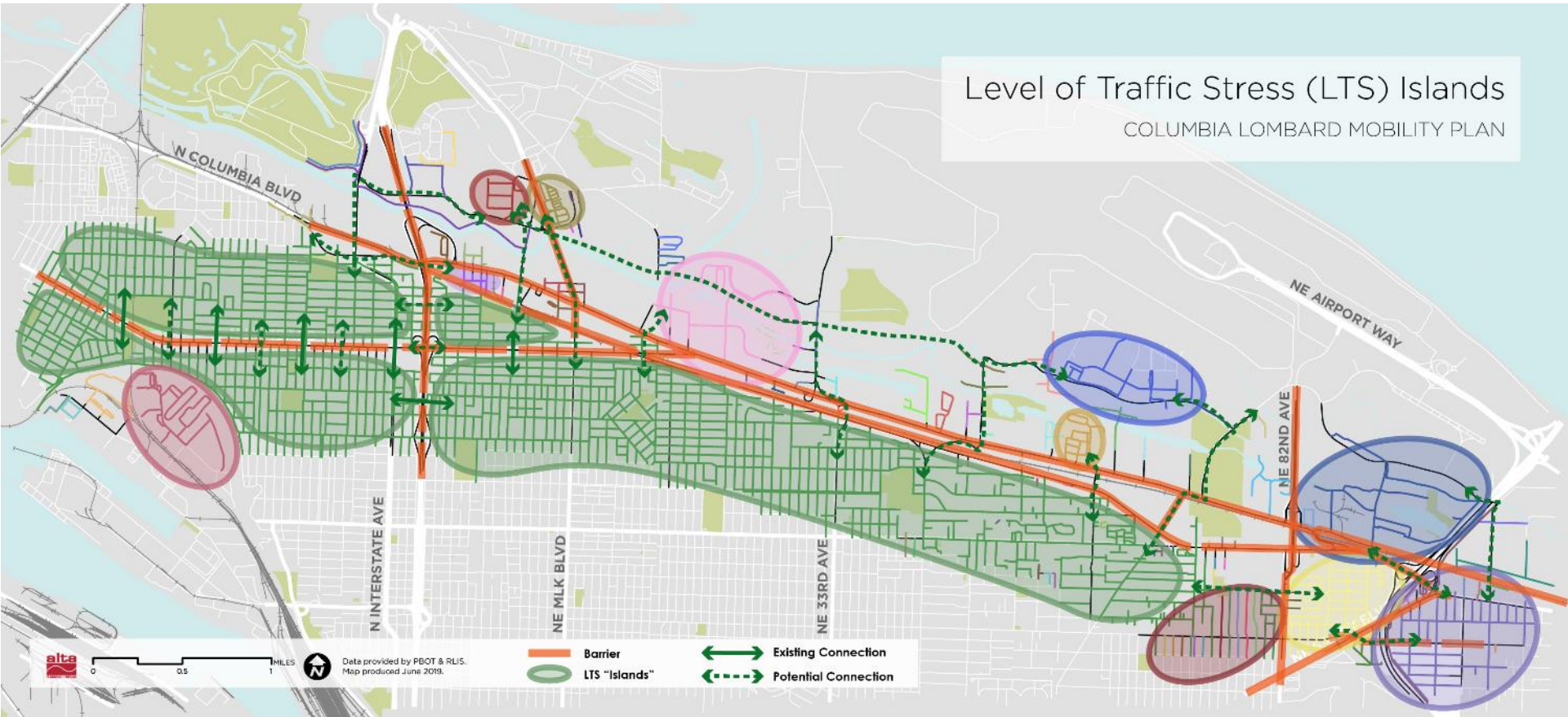


From Mobility/Needs Analysis: Composite Demand



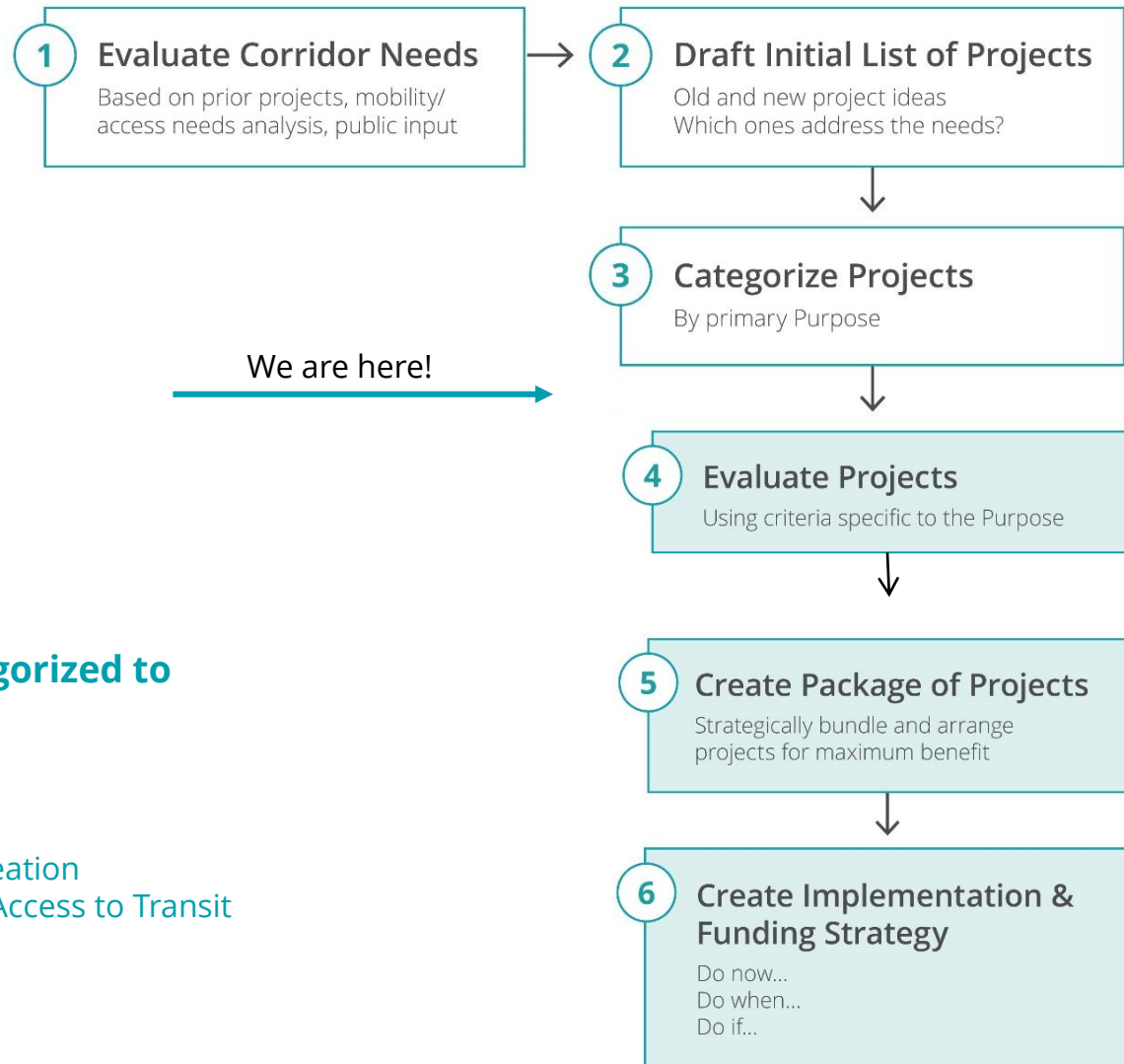
*Composite analysis of demand based on density of residents, employment, recreational opportunities, schools, retail/services, and transit.

From Mobility/Needs Analysis: Bicycle Connectivity “Islands”



Level of Traffic Stress (LTS) Islands
COLUMBIA LOMBARD MOBILITY PLAN

Project Development and Prioritization Roadmap







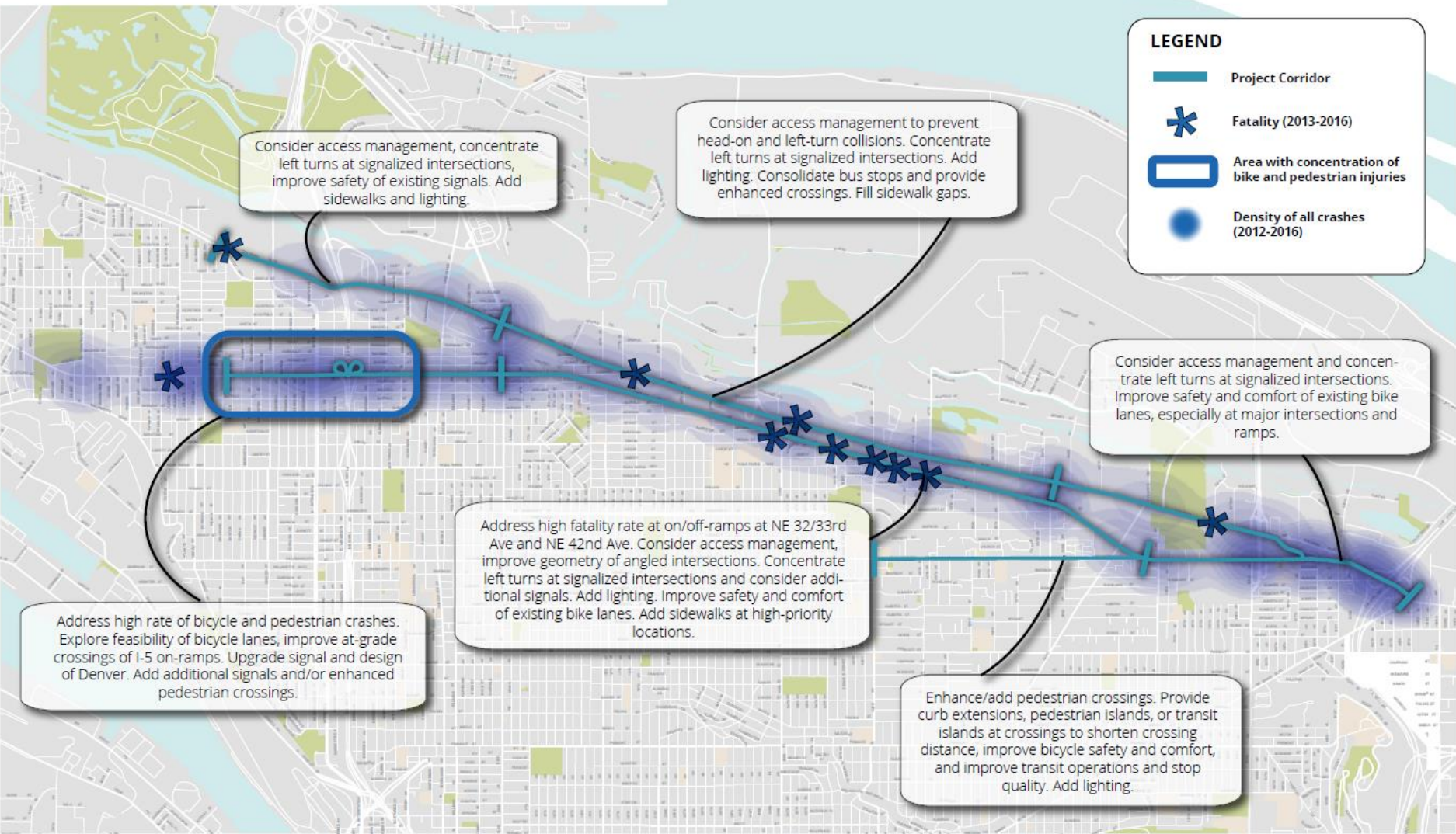
Projects have been categorized to address these needs:

- Freight Access and Mobility
- Safety
- Bicycle Access to Jobs/ Recreation
- Pedestrian Improvements/ Access to Transit

COLUMBIA LOMBARD MOBILITY PLAN: Proposed Safety Projects

LEGEND

-  Project Corridor
-  Fatality (2013-2016)
-  Area with concentration of bike and pedestrian injuries
-  Density of all crashes (2012-2016)



Consider access management, concentrate left turns at signalized intersections, improve safety of existing signals. Add sidewalks and lighting.

Consider access management to prevent head-on and left-turn collisions. Concentrate left turns at signalized intersections. Add lighting. Consolidate bus stops and provide enhanced crossings. Fill sidewalk gaps.

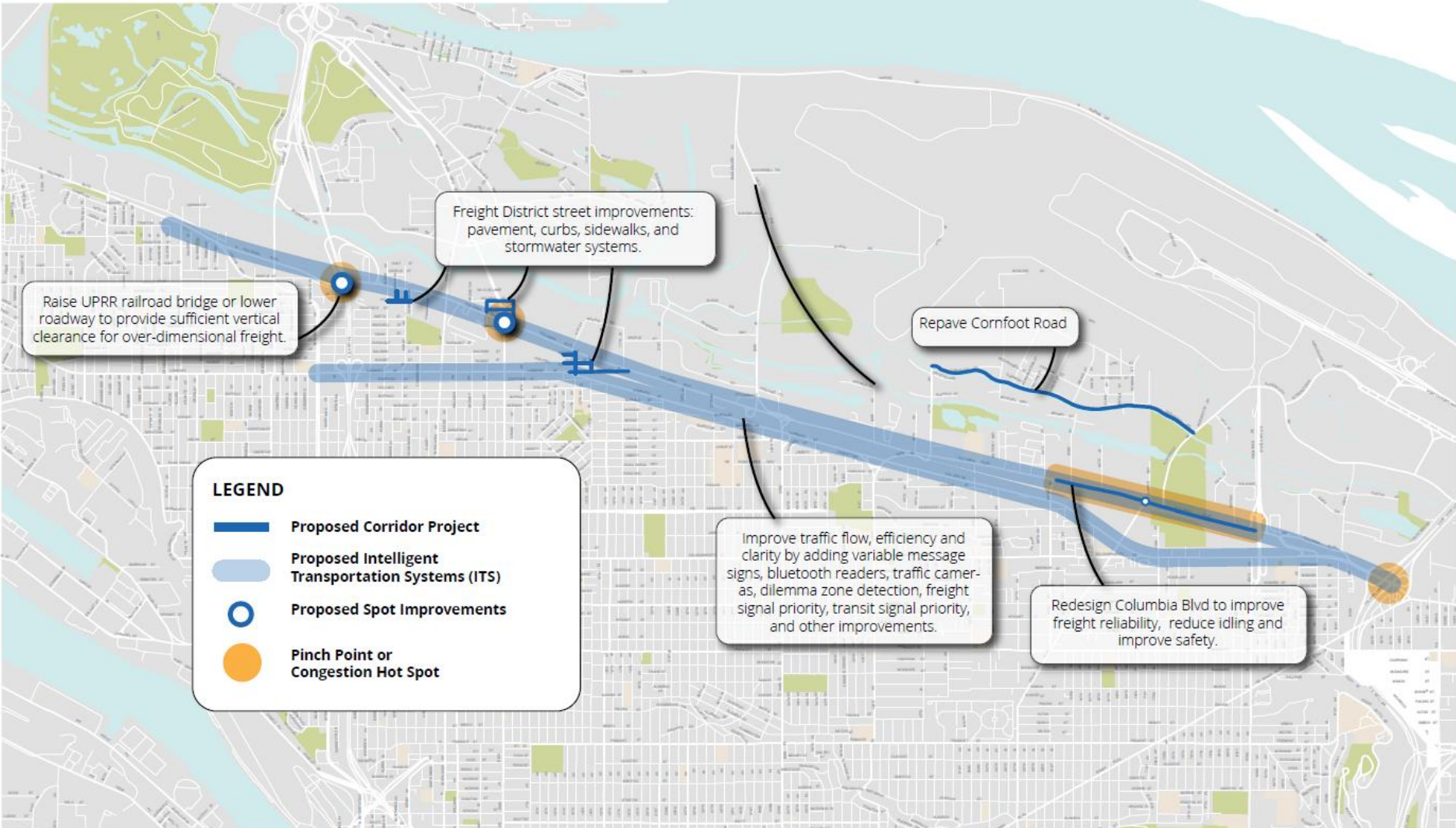
Consider access management and concentrate left turns at signalized intersections. Improve safety and comfort of existing bike lanes, especially at major intersections and ramps.

Address high fatality rate at on/off-ramps at NE 32/33rd Ave and NE 42nd Ave. Consider access management, improve geometry of angled intersections. Concentrate left turns at signalized intersections and consider additional signals. Add lighting. Improve safety and comfort of existing bike lanes. Add sidewalks at high-priority locations.

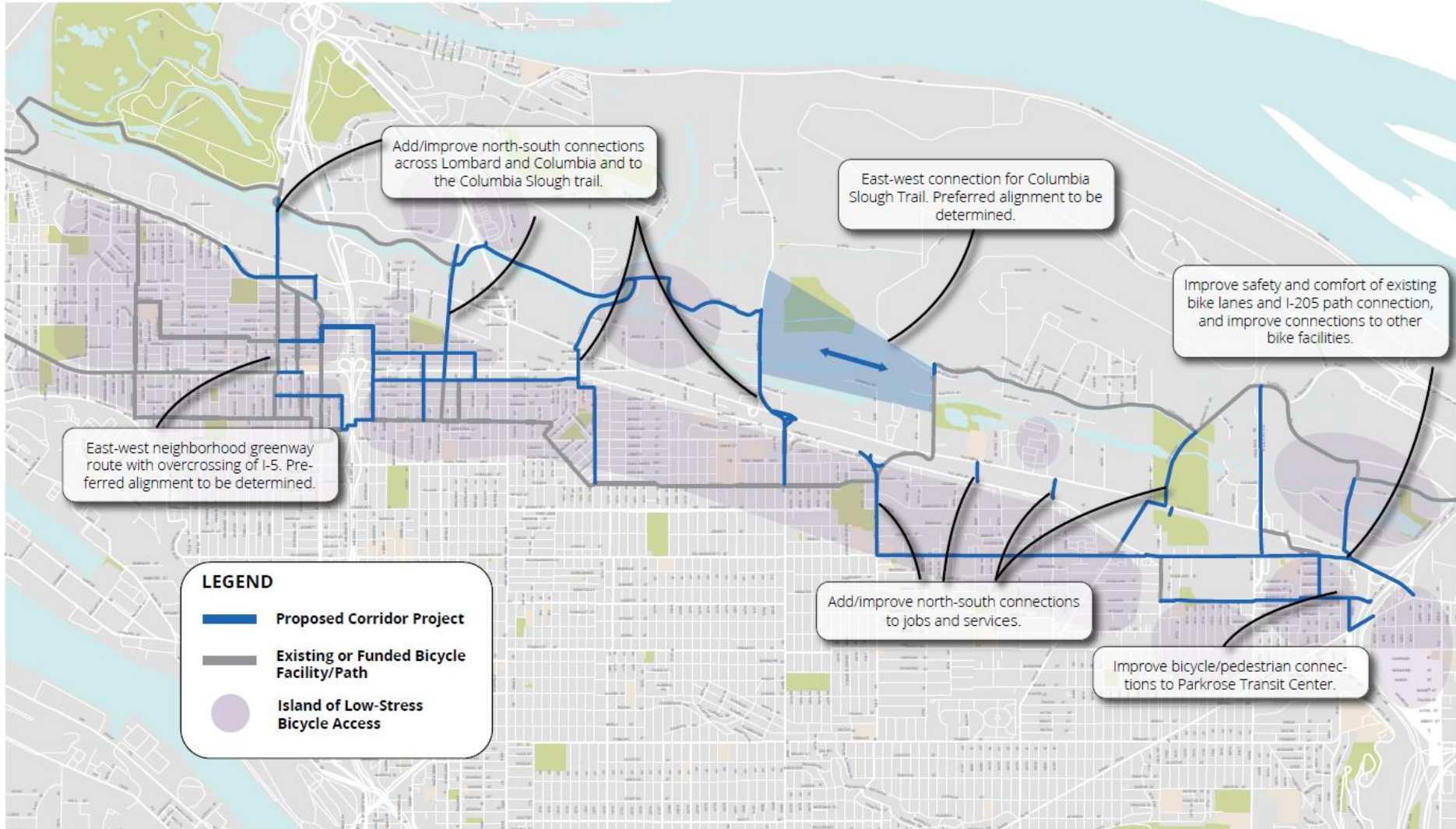
Address high rate of bicycle and pedestrian crashes. Explore feasibility of bicycle lanes, improve at-grade crossings of I-5 on-ramps. Upgrade signal and design of Denver. Add additional signals and/or enhanced pedestrian crossings.

Enhance/add pedestrian crossings. Provide curb extensions, pedestrian islands, or transit islands at crossings to shorten crossing distance, improve bicycle safety and comfort, and improve transit operations and stop quality. Add lighting.

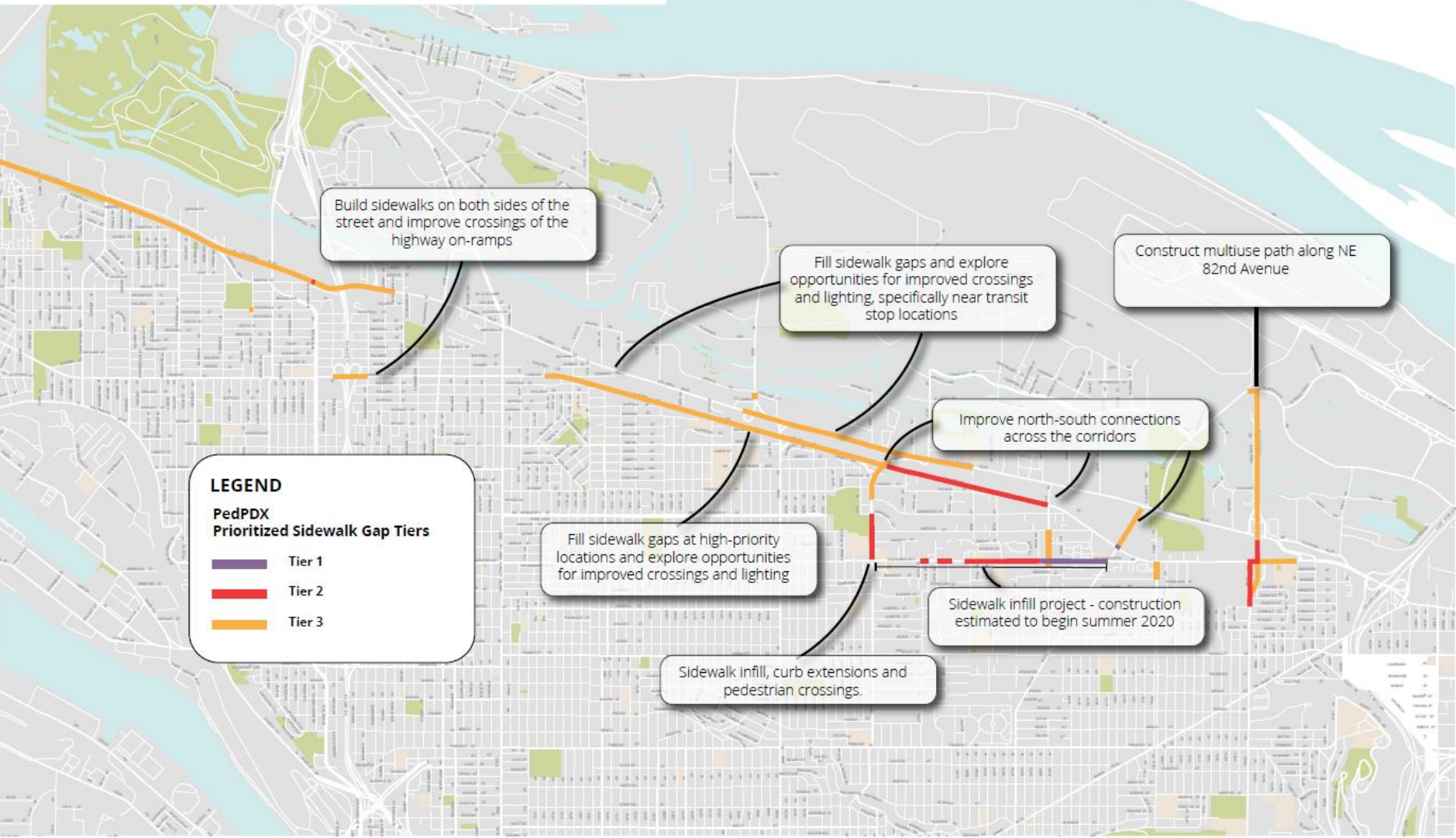
COLUMBIA LOMBARD MOBILITY PLAN: Proposed Freight Mobility & Access Projects



COLUMBIA LOMBARD MOBILITY PLAN: Proposed Bicycle Projects/N-S Connections



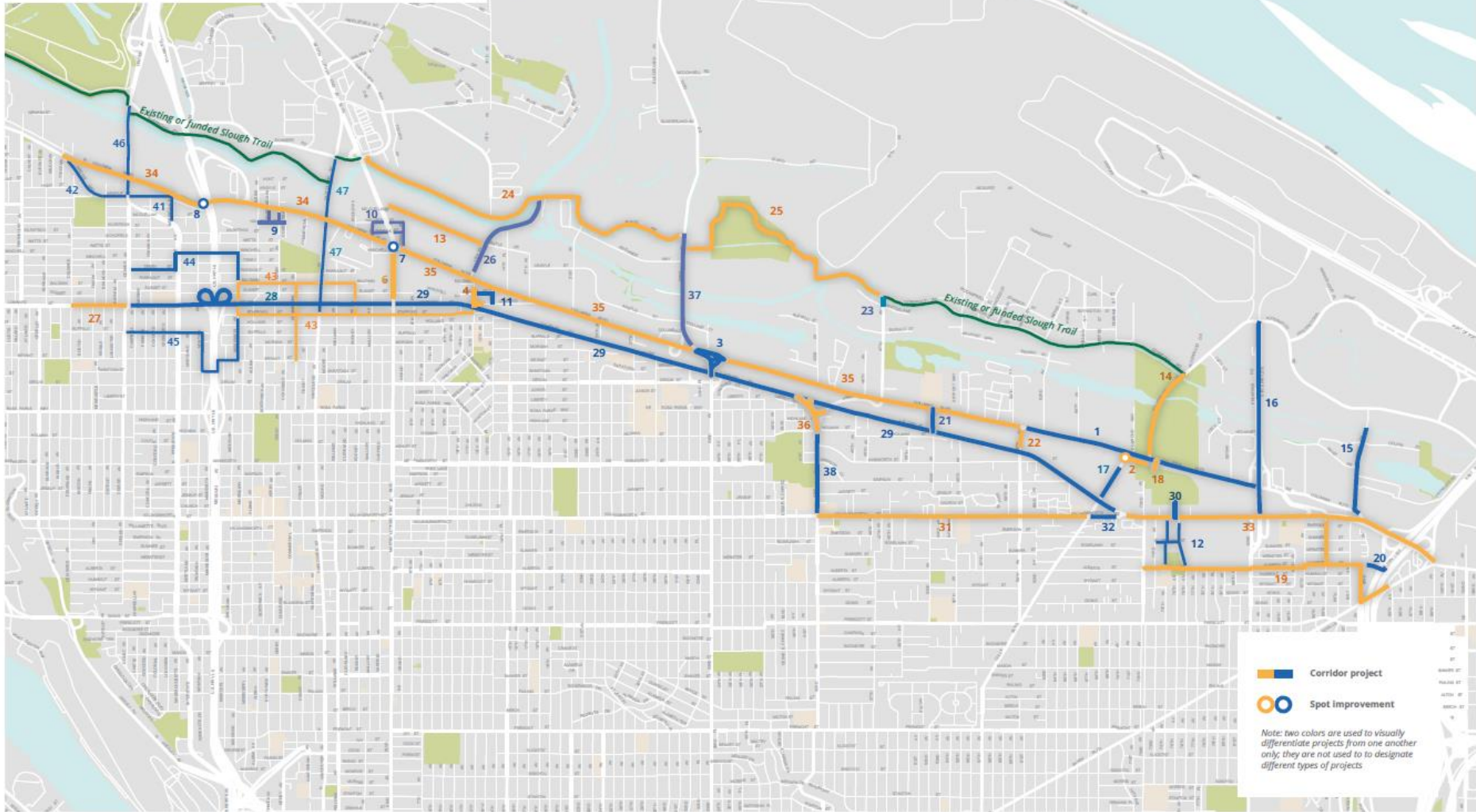
COLUMBIA LOMBARD MOBILITY PLAN: Proposed Sidewalk Projects



Columbia Lombard

Draft project list

Corridor-wide measure: **Project 5** Intelligent Transportation Systems improvements - which could include signal upgrades, Variable Messaging Signs and the like - will be applied to both corridor streets.



Next Steps

- Projects continue to be developed, refined and grouped
- Proposed projects will be share at Open House (planned for March 12th) and online
- Public feedback will aide development of project packages and implementation/ funding strategy
- Visit the [project website](#) to learn more and stay informed

OPEN HOUSE

COLUMBIA LOMBARD

Mobility Corridor Plan

WHERE:

**Oregon Humane Society
Education Hall**
1067 NE Columbia Blvd
Portland, OR 97217

WHEN:

**Thursday,
March 12th, 2020**
from **5:00 - 7:00 PM**

The **Portland Bureau of Transportation** has spent the last year looking for ways to make the Columbia-Lombard industrial corridor safer and more accessible to more people.

Join us for a public open house and engage with PBOT staff and neighbors about the needs on the corridor and see some of the proposed projects to make the area safer and more accessible.

For more information: portlandoregon.gov/transportation/Columbia/Lombard



PBOT
PORTLAND BUREAU OF TRANSPORTATION

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Questions?

www.portlandoregon.gov/transportation/columbia/lombard