



## Ballard Urban Design and Transportation

**January 8, 2015**

# Agenda

- Introductions
- Project Objectives
- Initial Look:
  - Field visit
  - Model growth, trip distribution
- Next Steps:
  - Existing Conditions
  - Interviews
  - Focus groups
  - Charrette
- Discussion

# SDOT Ballard Multimodal Plan & Station Area Assessment

- Purpose:
  - Develop an integrated multimodal transportation plan for Ballard
  - Anticipate future high capacity transit service
- Need:
  - Ballard's growth has outpaced original projections, thereby placing demand on its local transportation system
  - The B2D study has identified potential station areas within the community

# Objectives

- Enhance sustainable modes of transportation
- Optimize transit ridership by increasing accessibility and evaluating potential station areas
- Serve existing and future residential and employment uses
- Support employment growth and coordinate with Freight Master Plan

# The Consultant Team

FEHR & PEERS



# Scope of Work

- Existing Conditions Summary
- Stakeholder & Focus Group Engagement
- Field Reconnaissance & Walking Tour
- Conduct Station Area Evaluation

# Scope of Work

- Travel Demand Modeling & Needs Assessment
- Integrate Modal Plans & Project Inventory
- Multimodal Transportation Plan

# Initial Field Visit

- Existing conditions photos
  - Transit facilities
  - Access to transit
  - Pedestrian facilities
  - Bicycle facilities
  - Auto/truck mobility











# Transit Facilities – Typical for Seattle

Shelter, bench, Orca card reader, Transit arrival information, transit map



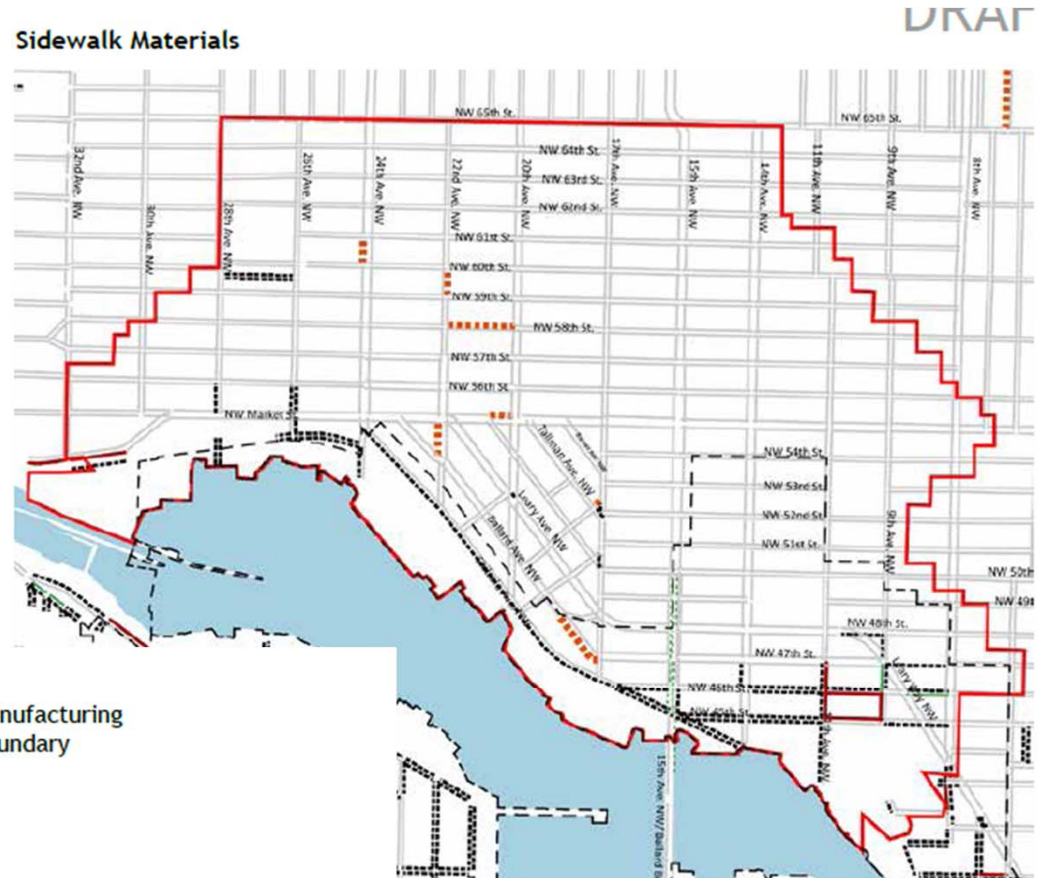
# Potential HCT Station Areas

- Market St & 15<sup>th</sup>
- Market St & 17<sup>th</sup>
- Leary & 14<sup>th</sup>/15<sup>th</sup>
- Market St & 24<sup>th</sup>



# Sidewalk Coverage

- Almost all streets in the study area have sidewalks
- Varying quality, typical of Seattle



Source: City of Seattle SDOT GIS data  
Draft February, 2014

# The Good: Pedestrian Facilities



- Wide sidewalks with amenities such as benches, landscaping, bicycle rack, tables/chairs

# The Good: Pedestrian Facilities

- Rectangular Rapid Flash Beacons, brick crosswalks near historic area







# The Bad: Pedestrian Facilities



- non-ADA ramps, cracking / uneven, narrow sidewalk



# The Bad: Pedestrian Facilities



- obstructions,  
adjacent land uses

# The Good: Bicycle Facilities

- Neighborhood greenway, wayfinding signs, green painted bicycle lanes at busy intersections



# The Good: Bicycle Facilities

- Bicycle lanes, bicycle racks

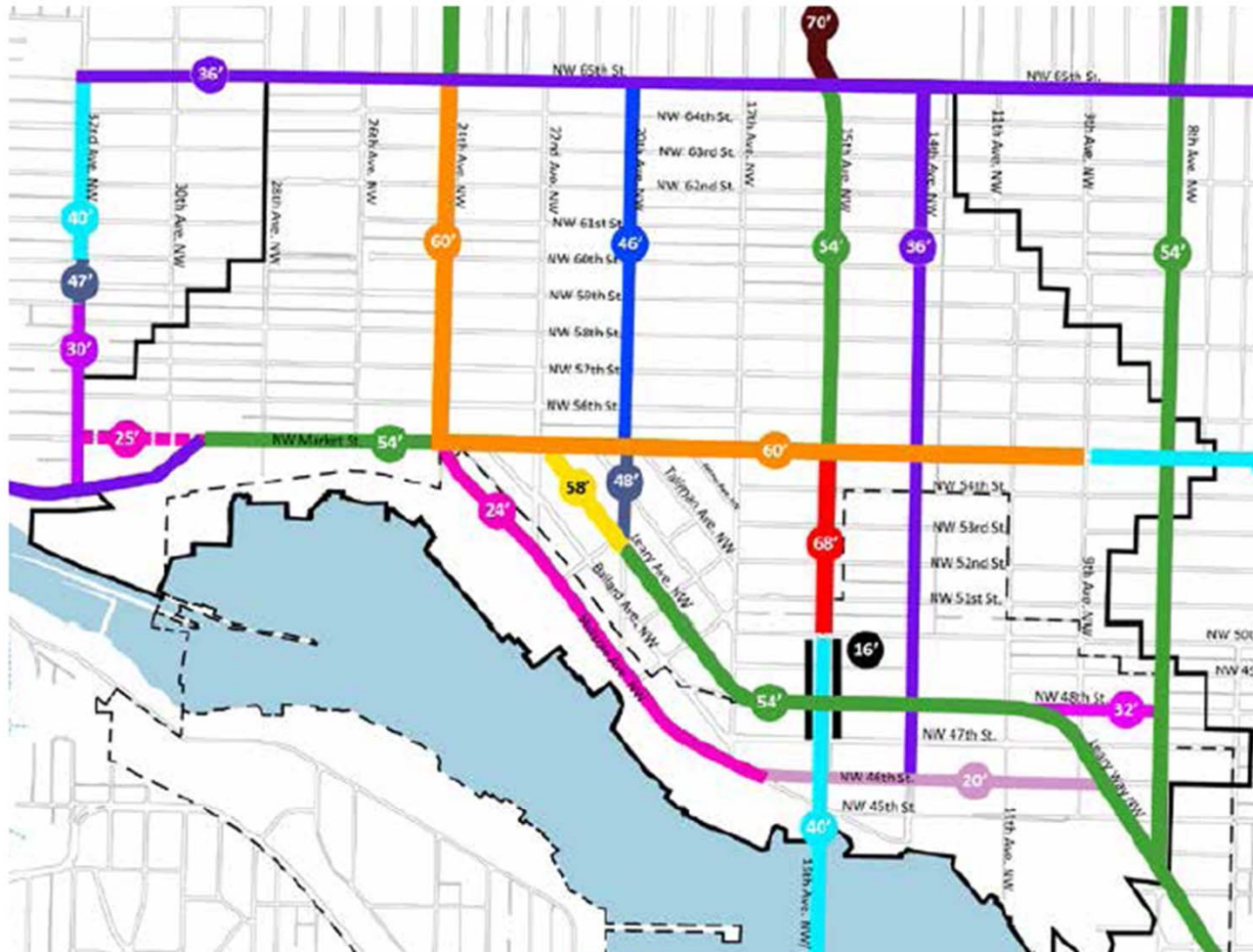


# The Bad: Bicycle Facilities

- Narrow facilities with no alternatives, inadequate parking, long blocks that are difficult to cross



# Street Widths



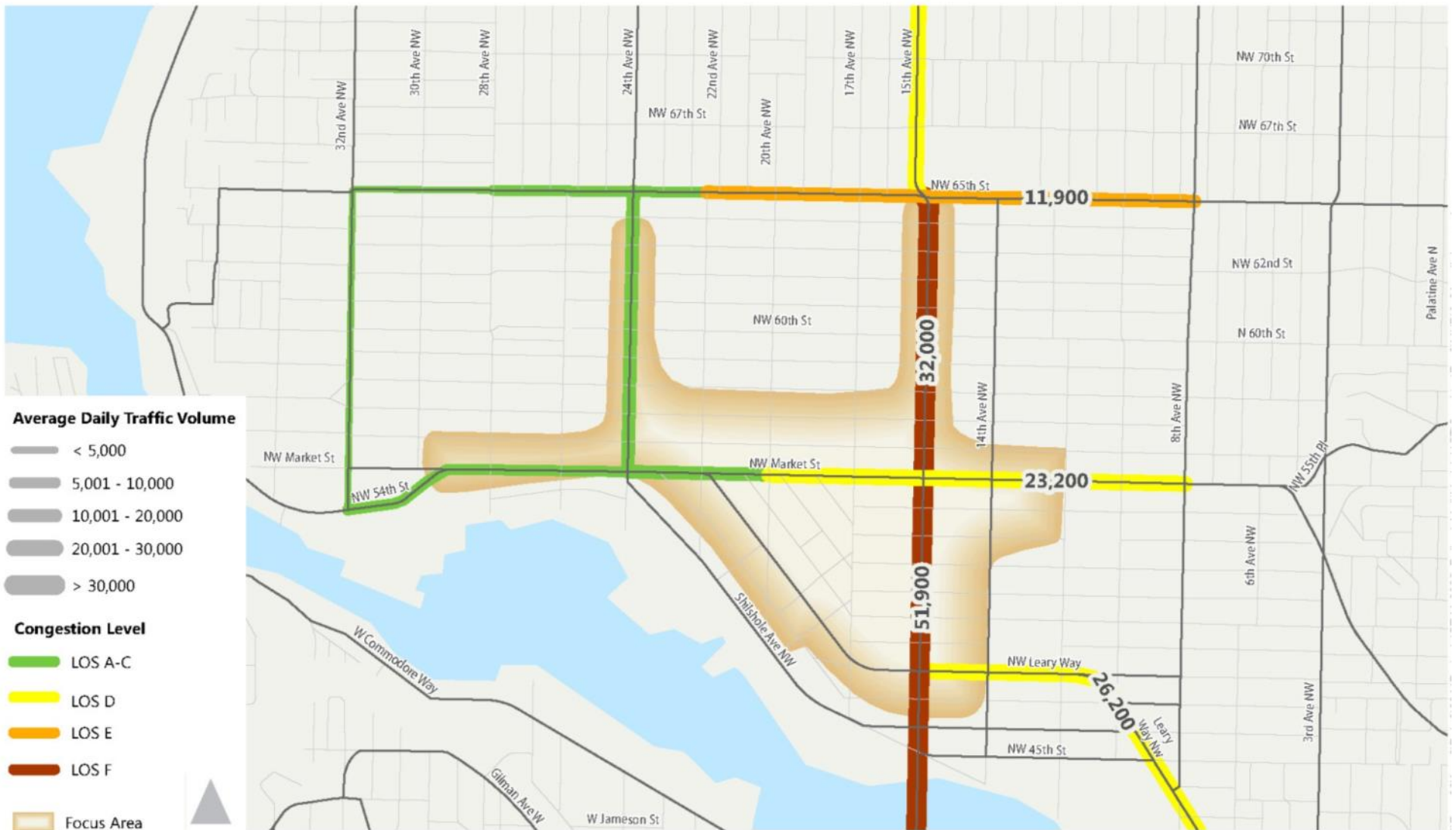
# Example Roads of Varying width







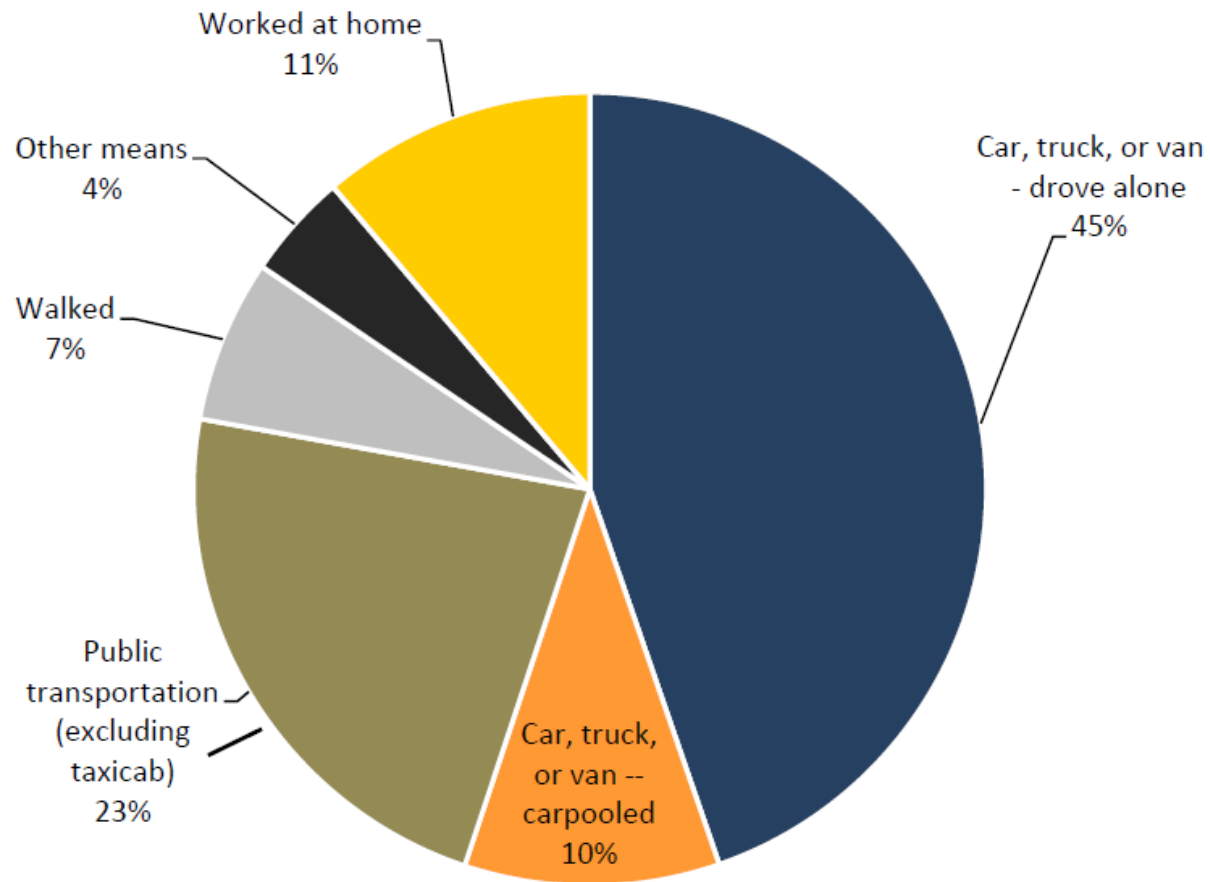
# Vehicle Traffic





# Mode Split

## Means of Transportation to Work



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**Car, truck or van -  
Drove Alone**  
**45%**

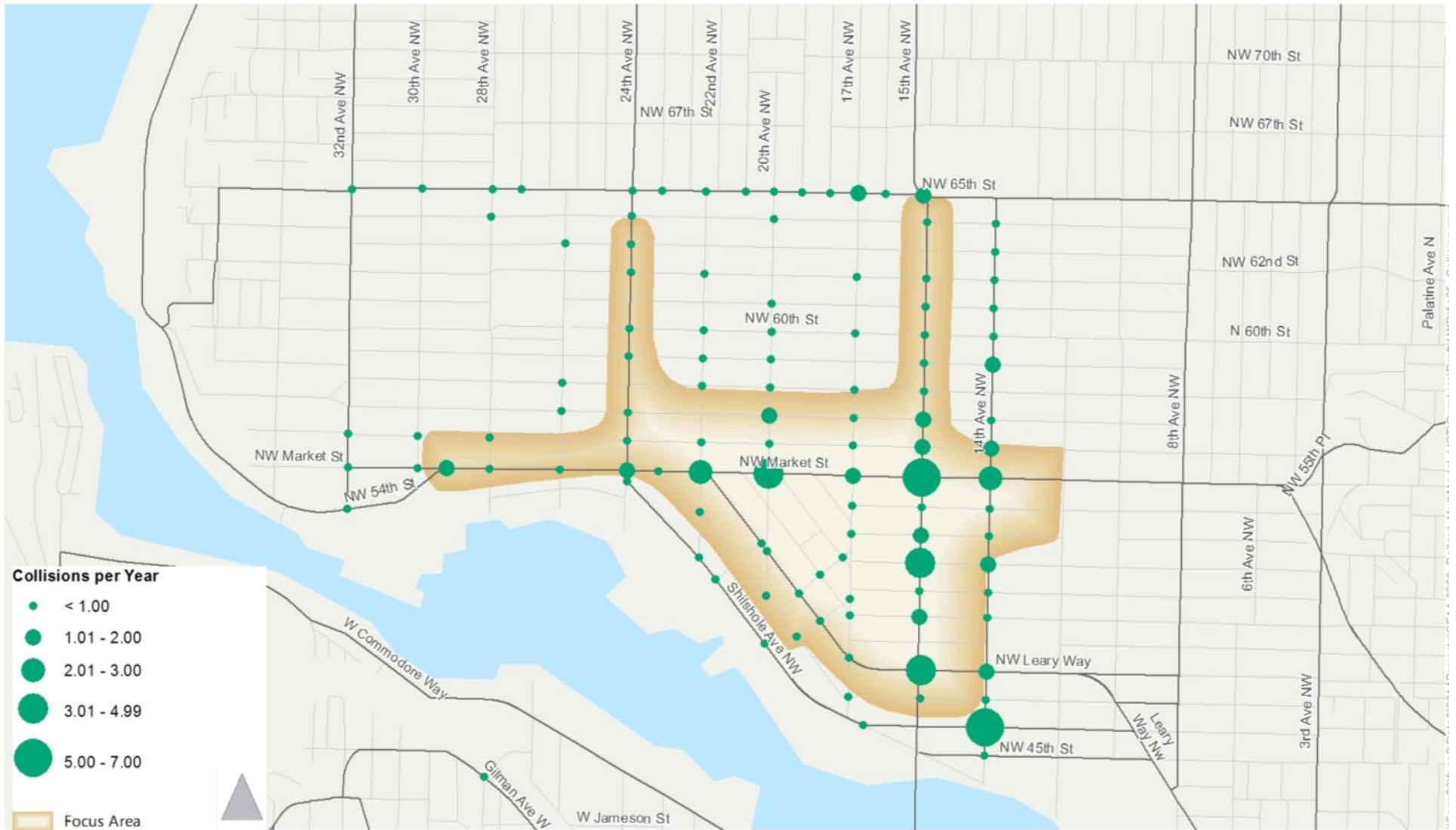
**Citywide:**  
**49.2%**

**Public Transportation  
(excluding taxicabs)**  
**23%**

**Citywide:**  
**18.5%**

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# Collision Data



# Travel Patterns

- Ballard has mix of regional and local traffic

Daily Trips To/From Ballard	
Internal Ballard	10%
Fremont, Wallingford, Crown Hill	13%
Queen Anne/Magnolia	13%
Northgate/ N Seattle	10%
Downtown Seattle	8%
South Seattle	6%
First Hill/Capitol Hill	6%
U District	7%
Elsewhere	28%
Total	100%



# Future Conditions Analysis: Growth in Population and Employment

- Coordinating with Comprehensive Plan Update
- Using the same travel model
- Evaluate how growth changes travel demands and travel patterns

# What is Next?

- Existing conditions memo
- Stakeholder focus groups to gain a full perspective
- Identify proposed projects
- Evaluate travel data
- Identify potential new projects
- Charrette to review project list



# Discussion

As UDF advances, we want to seamlessly integrate the transportation plan.

- What are your thoughts on the project objectives? (What does success look like to you?)
- How can transportation investments improve livability in Ballard?
- What works well now from a transportation/access perspective?
- What (and where) are the main transportation issues and opportunities?