

Seattle Bicycle Advisory Board

December 5, 2012



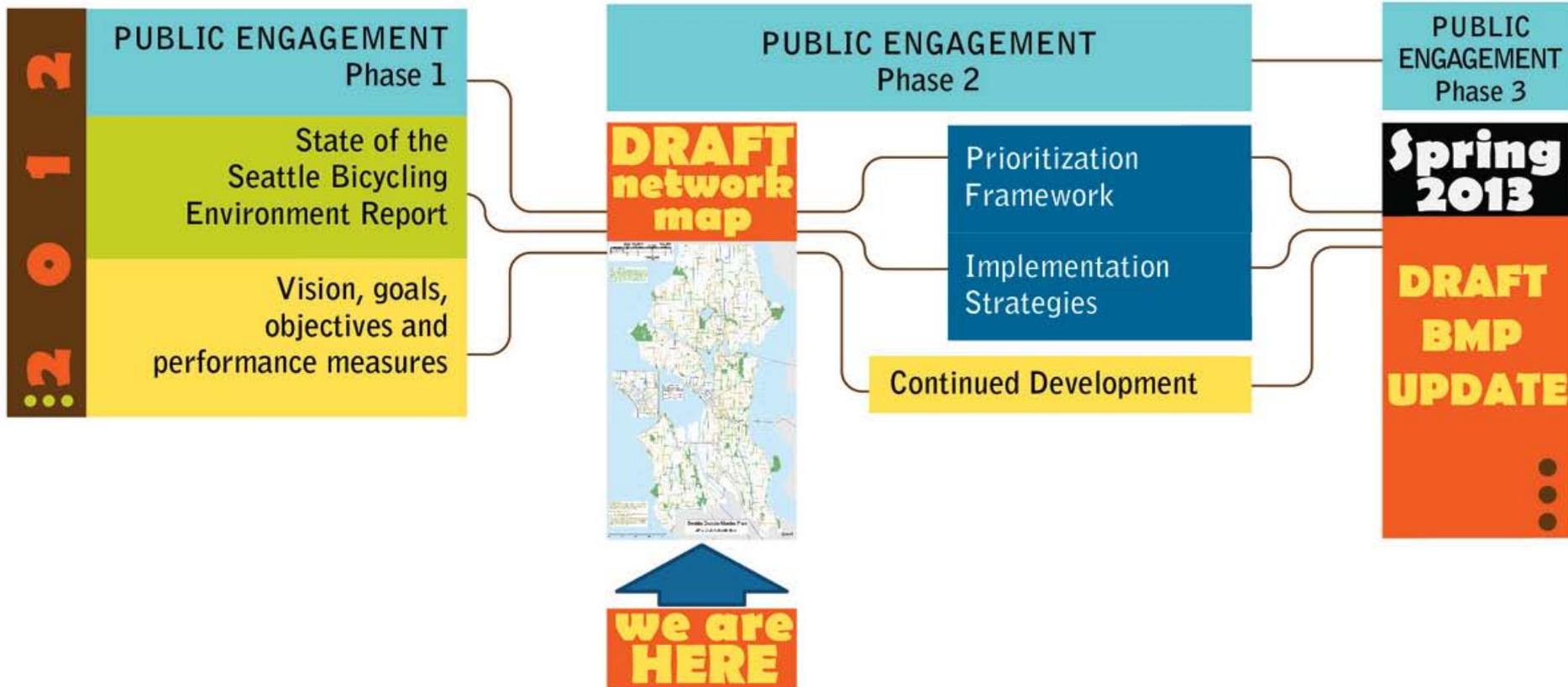
AGENDA



- Overview of draft network map methodology
- What we've been hearing to date at November meetings - Phase II of public outreach
- SBAB comment on draft materials:
 - Review facility designation criteria
 - Review draft network map
 - Network Density
 - Mix of facility types
 - Multi-modal corridors
- Next steps



BMP Update Roadmap



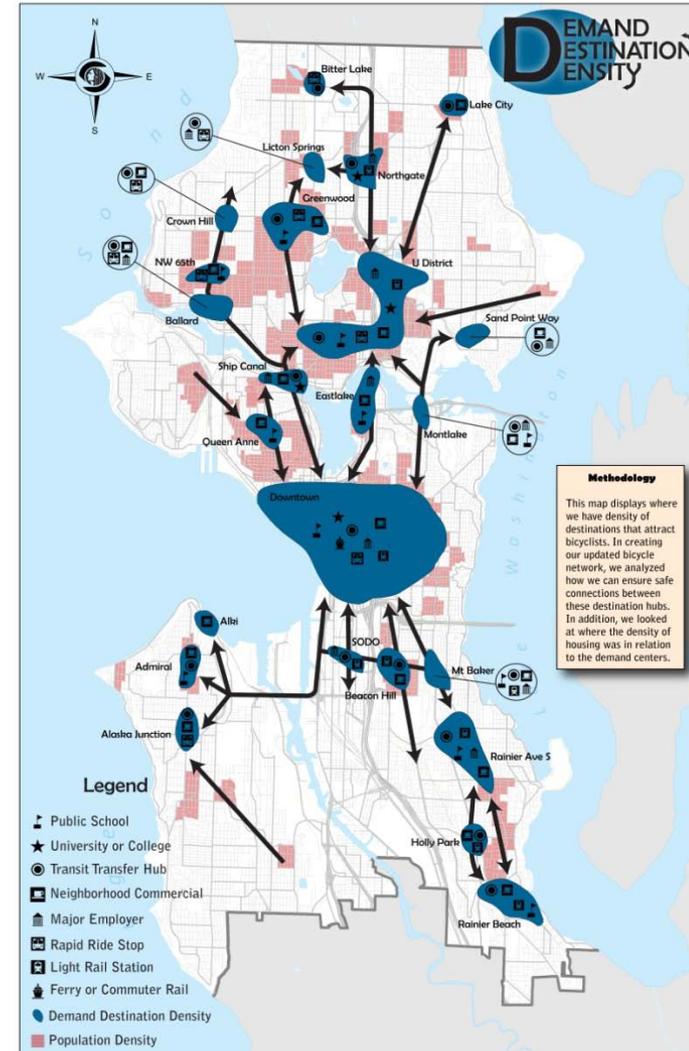
Draft Network Map Development

Purpose:

- Update the bicycle network map in a manner that is consistent with updated plan vision, goals and objectives

Principles:

- Consider land use (destinations and demand rankings)
- Emphasize network connectivity
- Improve conditions for bicyclists of all ages and abilities

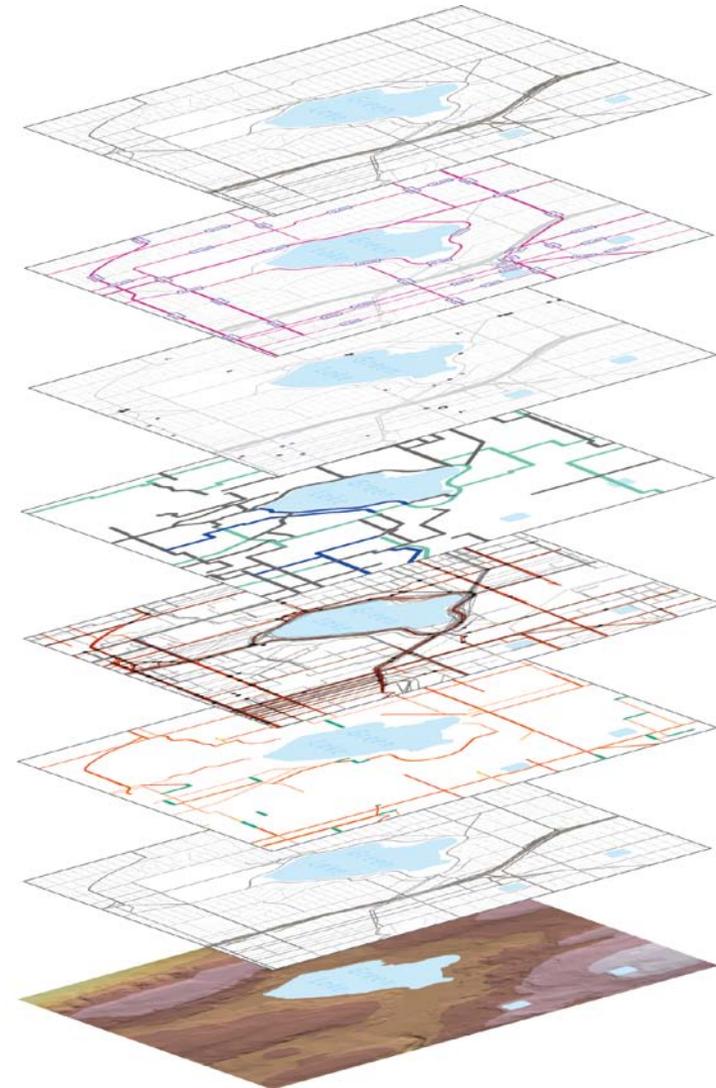


Draft Network Map Development

Step 1: Data and inputs

- 2007 BMP recommendations
- Gap analysis
- Identified opportunities
- Demand/land use destinations
- Topography
- Public input
- Policy framework

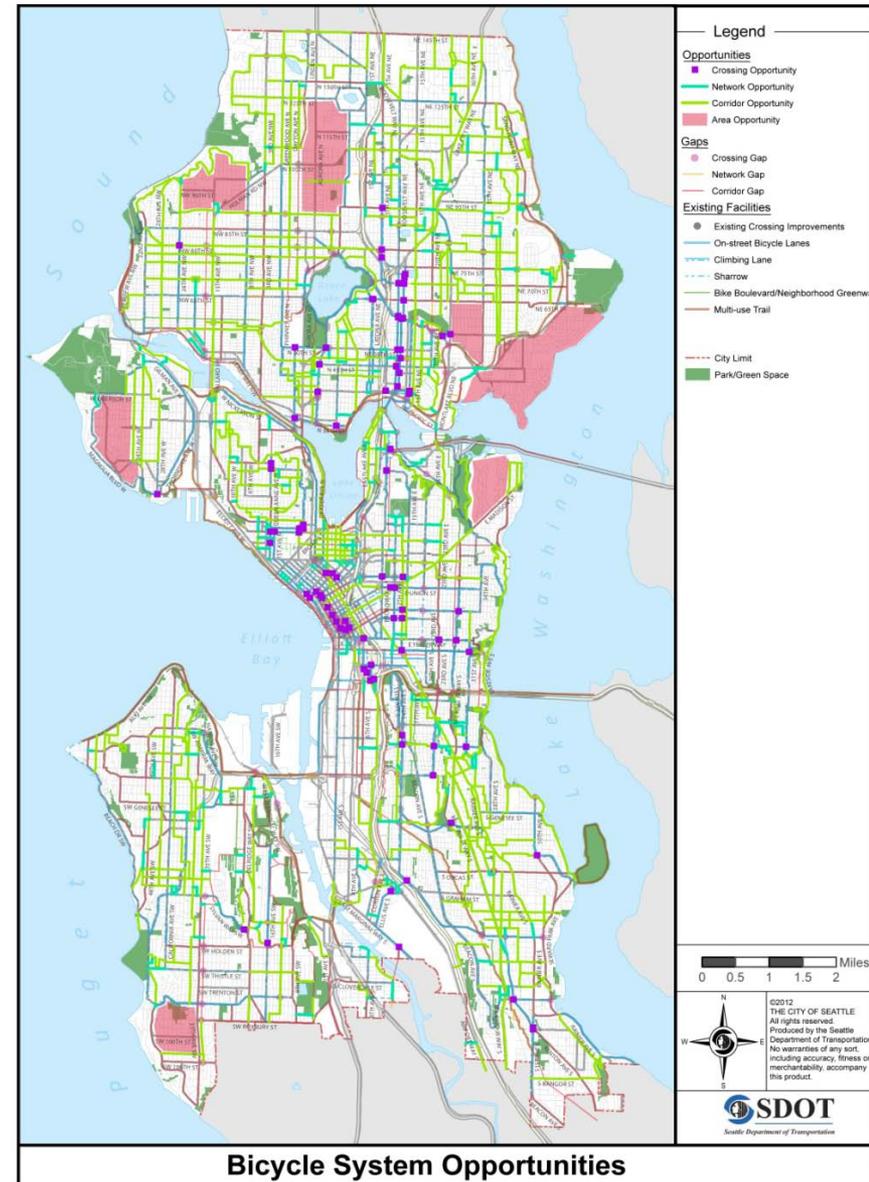
Arterial Classification
Traffic Volume & Posted Speed Limit
Destination Density
Neighborhood Greenways
Advocates Input
Public Input
Bicycle System Gaps & Opportunities
Street Network
Topography



Draft Network Map Development

Step 2: Draft Network

- Developed a draft network representing the ‘universe of possibilities’ based on Step 1
- Set criteria to have a bicycle facility within a quarter-mile of every household



Draft Network Map Development

Step 3: Designating facility types

- Updated facility types (bicycle facility toolkit):
 - Condensed map legend
 - Included neighborhood greenways
 - Included in-street, minor and major separation designations
- Proposed a tiered facility approach
 - Encourages ridership of all ages and abilities
 - Allows design flexibility based on local conditions and changes to design standards



What we've been hearing

Overview of Phase II public engagement activities

- 3 public meetings in early/mid November
 - Almost 300 attendees
- Online “Lunch and Learn”
- Outreach to community and youth groups
 - Freight Advisory Board
 - City Neighborhood Council
 - SE District Council
 - Seattle Youth Commission
 - Downtown Seattle Association “Sip and Cycle”
 - More to come in December/January
- Draft map and comment sheet on the project website



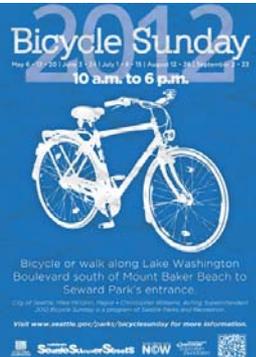
What we've been hearing

Summary of comments to date: Draft Network Map and Facility Criteria

- Overall feedback very positive
- Numerous adds to draft map, few deletions
- Additions to map focused on:
 - Specific intersections (e.g. Eastlake and Harvard Ave)
 - Multimodal corridors (e.g. Rainier Ave S, 35th Ave SW, Eastlake, Lake City Way),
 - Existing connectivity gaps (crossings, neighborhood-to-neighborhood)
 - Tweaks to neighborhood greenway routes
- Very few suggestions for removing streets;
 - Some concern about necessity/practicality of arterial facilities (e.g. 23rd Ave E, NW Market)
- The facility designation criteria generally make sense,
 - Comments on intersections and safety of specific facility types/designs (e.g. sharrows, bike lanes, and facilities in door zone)
- Substantive discussion regarding multimodal corridors
 - For each corridor, some comments oppose trying for bike facility and some support



What we've been hearing



Summary of findings: Programs and Policy

- Policy: Generally not many comments on overall framework; interest in performance measures
 - Better understanding of who is riding
- Programs:
 - Education, drivers licensing
 - Marketing and promotion
 - Programming and events
 - Ciclovias, family rides
- “What Else?”
 - Issues including maintenance, funding strategy, e-bikes, plan implementation, intersections

Draft Bicycle Facility Designation Criteria

Generalized Bicycle Facility Designation	Detailed Bicycle Facility Designation	Speed Limit (mph)	ADT (vehicles per day)	Street Classification
Enhanced street	Neighborhood Greenway	25 or less	1,500 or less	Non-arterial
	Shared lane pavement marking	25	To be used due to ROW constraints or downhill	Non-arterial and Collector/minor arterials
In street, minor separation	Bicycle lane	25-30	8,000 or less	Collector arterials
	Buffered bicycle lane	25-30	15,000 or less	Collector/minor arterials
In street, major separation	Cycle track (raised or with barrier)	30 and greater	15,000 and above	Minor/principal arterials
Off-street	Multi-use trail	N/A	N/A	N/A



Draft Bicycle Facility Designation Criteria

- Enhanced street – neighborhood greenways



- In street, minor separation – bike lanes and buffered bike lanes



- In street, major separation – cycle tracks



Draft Bicycle Facility Designation Criteria

Key Questions for SBAB

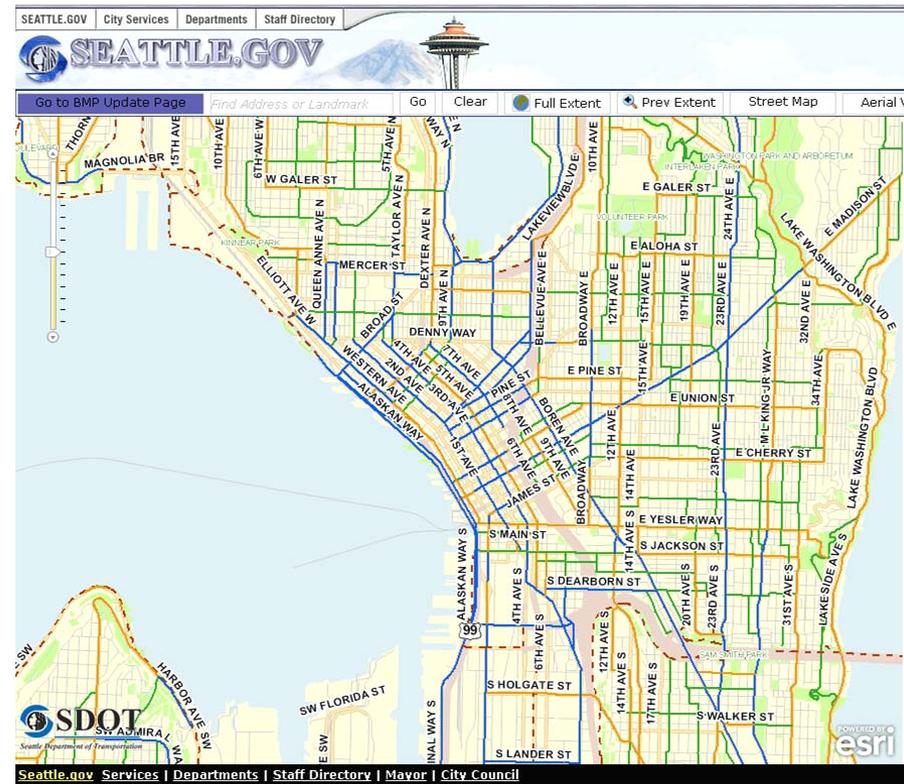
- Does the facility designation criteria make sense?
 - This is a foundational piece that influences the draft network map
 - Does the criteria provide enough flexibility?



Draft Network Map

Key Issues for SBAB

- Impressions of the network density
 - Too dense or not enough?
- Mix of facility types
- Multi-modal corridors
 - Understanding the trade-off's
 - Present example corridors



Draft Network Map: Density

Goal: Facility within ¼ mile of every household



Draft Network Map: Length & Composition

Street Designation	Total Miles on Network Map	Existing Facilities that Meet/Exceed Recommendations	New Facilities Recommendations	Upgrade to Existing Facility Recommended	Facilities to build (New+ Upgrades)
Enhanced Street	226	15	211	0	211
In Street, Minor Separation	200	43	109	48	157
In Street, Major Separation	137	0	80	57	137
Off-Street	64	46	18	0	18

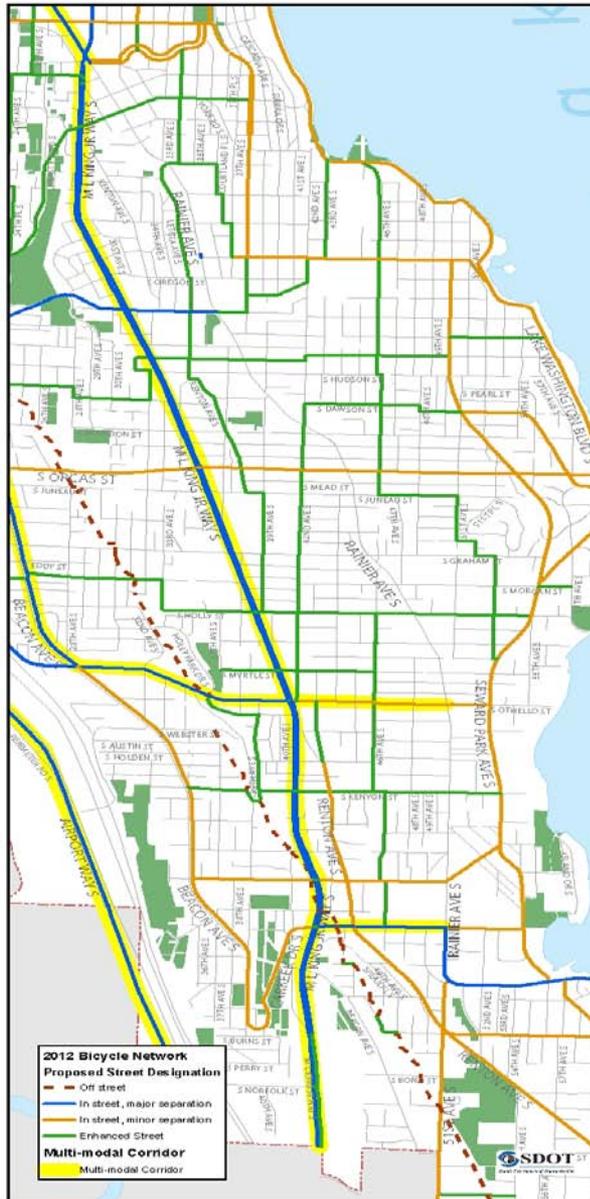


Draft Network Map: Multi-modal Corridors

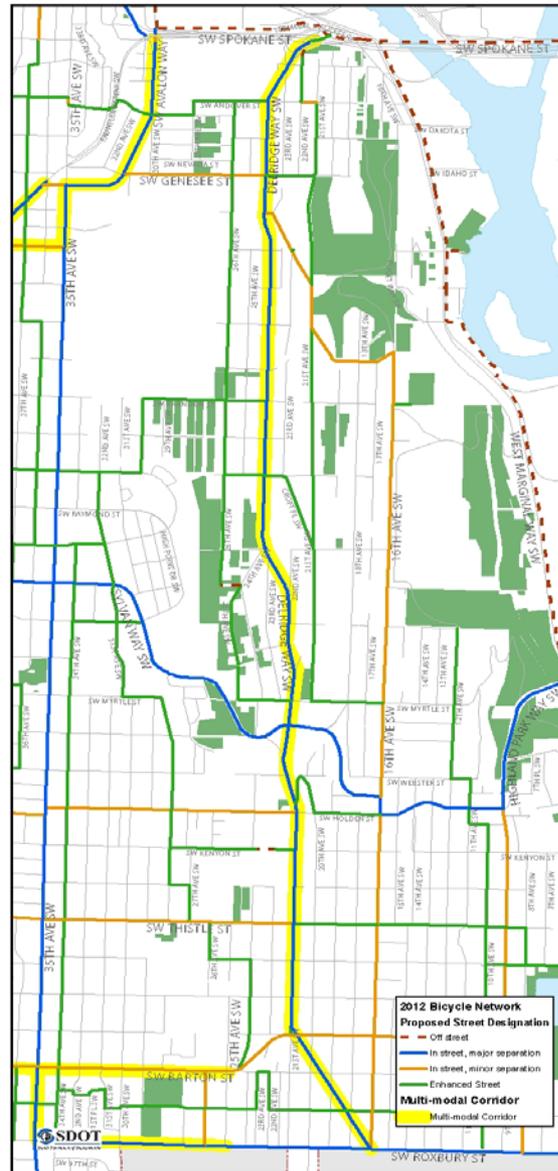
- The Draft Network Map designates some areas as multi-modal corridors, based on:
 - Priority transit corridors identified in the City's Transit Master Plan (TMP)
 - Major Truck Streets (key freight routes)
- These corridors will require more analysis about potential to build a bicycle facility on that street, or a parallel street
- Four example corridors for discussion
 - E Madison St
 - MLK Jr. Way and Rainier Ave
 - Delridge Way SW
 - Lake City Way



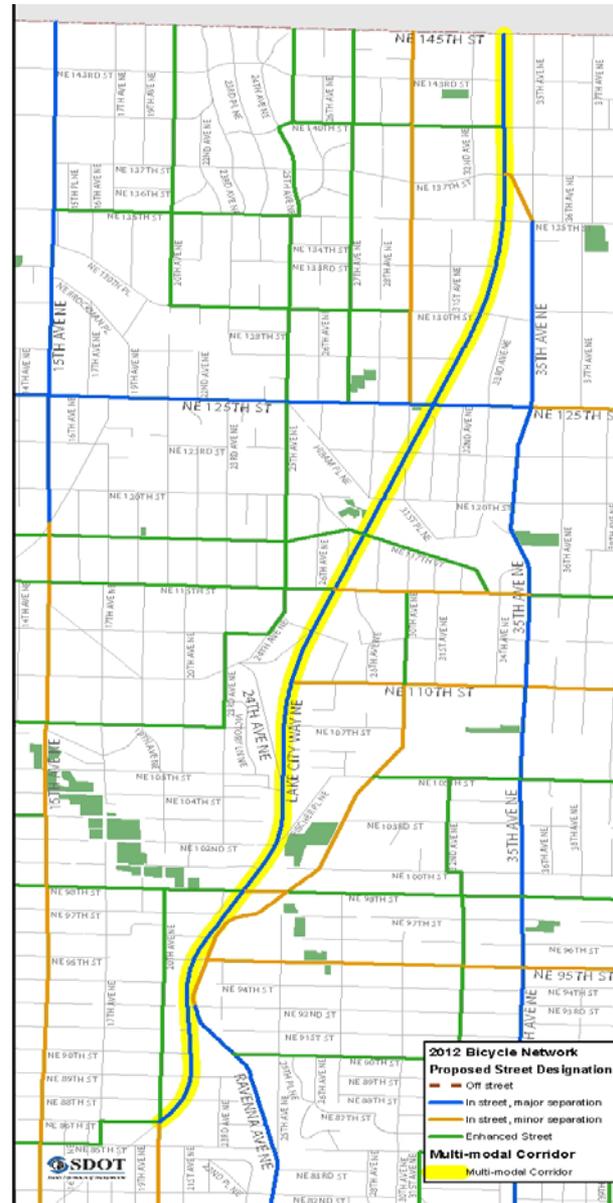
Multi-modal corridors: MLK and Rainier Ave S



Multi-modal corridors: Delridge Way SW



Multi-modal corridors: Lake City Way



BMP Update Next Steps

- The comment period on the draft map and other draft materials is open beyond the originally stated date of Monday, December 17 and into the new year.
- Find the draft materials here:
http://www.seattle.gov/transportation/bikemaster_materials.htm

