

seattle bicycle master plan ●●●

Seattle Design Commission

March 21, 2013



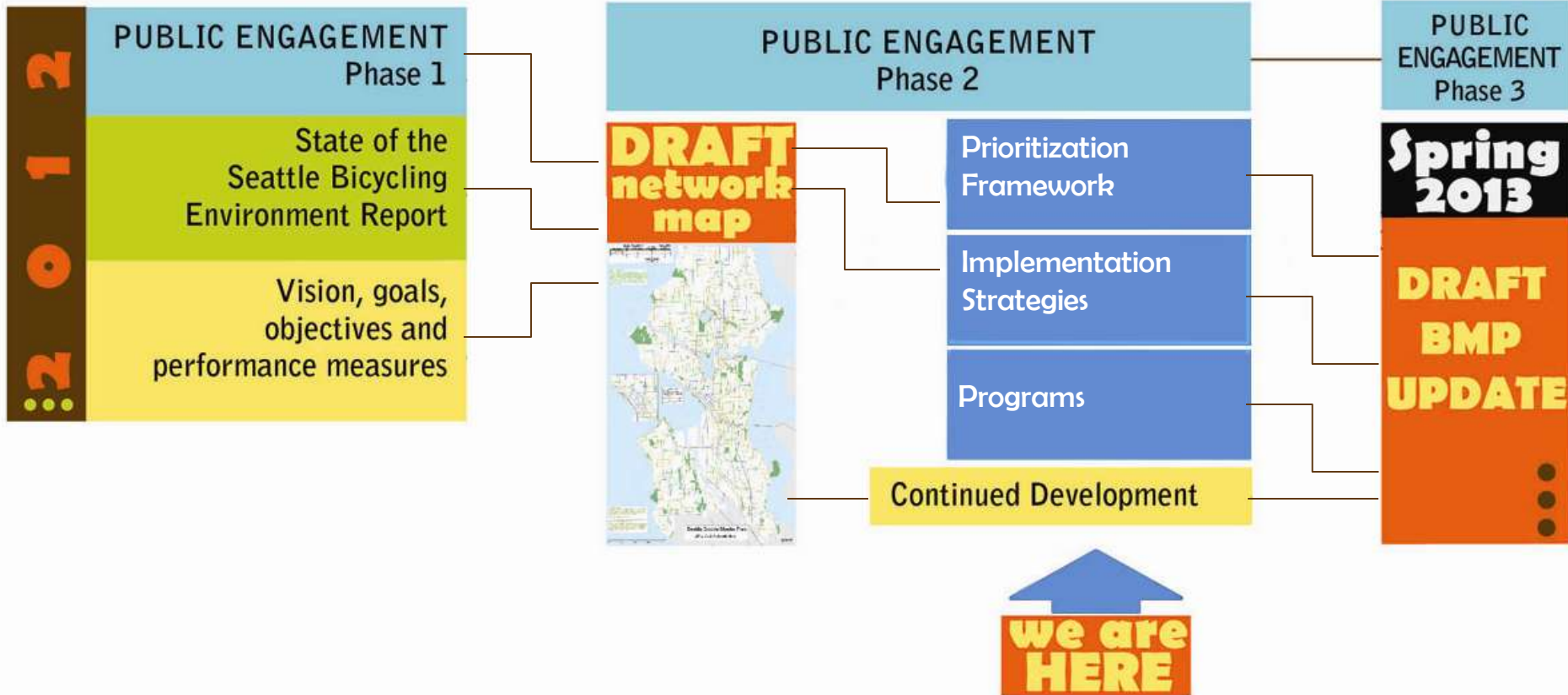
Purpose of Briefing



- BMP update roadmap
- Proposed policy framework (vision and goals)
- Draft bicycle network plan map development
 - Identify locations for future bicycle investments
- Summary of comments received on draft map
- Highlight key issues/questions
- Next steps



BMP Update Roadmap



Policy Framework: Proposed Vision

Proposed vision statement:

Riding a bicycle is a comfortable and integral part of daily life in Seattle for people of all ages and abilities.



Policy Framework: Proposed Goals

Five proposed goals:

1. ***Ridership – Increase the amount and mode share of bicycle riding in Seattle for all trip purposes.***
2. ***Safety – Improve safety for bicycle riders in Seattle.***
3. ***Connectivity – Create a high quality bicycle network that connects to places people want to go and provides a time-competitive travel option. (new goal)***
4. ***Equity – Improve bicycle riding for all through equity in public engagement, program delivery, and capital investments. (new goal)***
5. ***Livability – Build vibrant communities by creating a welcoming environment for bicycle riding. (new goal)***



Draft Network Plan Map Development

Develop updated plan network map to identify locations for future bicycle investments (where and what type)

- Principles:
 - Consider land use (destinations and demand rankings)
 - Emphasize network connectivity
 - Improve conditions for bicyclists of all ages and abilities
 - Provide a bicycle facility within $\frac{1}{4}$ mile of all households in Seattle



Draft Plan Map Development

Step 1: Data analysis

– Data and inputs:

- 2007 BMP recommendations
- Gap analysis
- Identified opportunities
- Demand/land use destinations
- Topography
- Public input (early input on desired routes)

Arterial Classification

Traffic Volume &
Posted Speed Limit

Destination Density

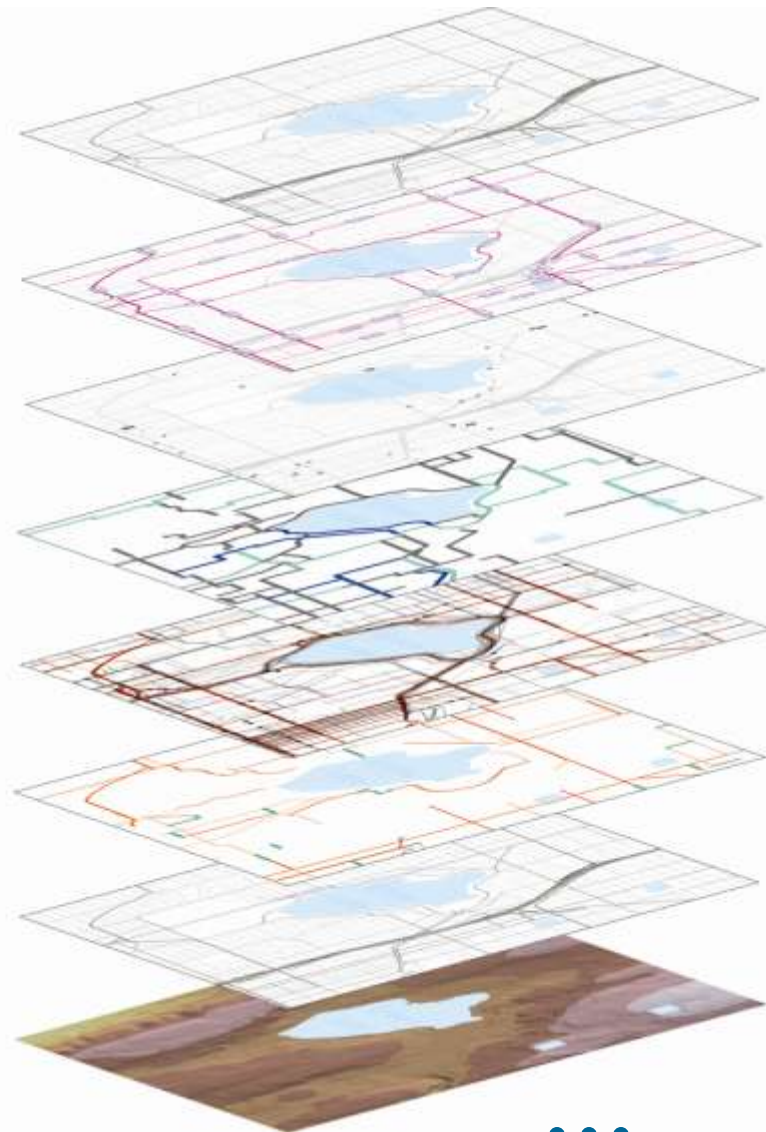
Neighborhood Greenways
Advocates Input

Public Input

Bicycle System Gaps &
Opportunities

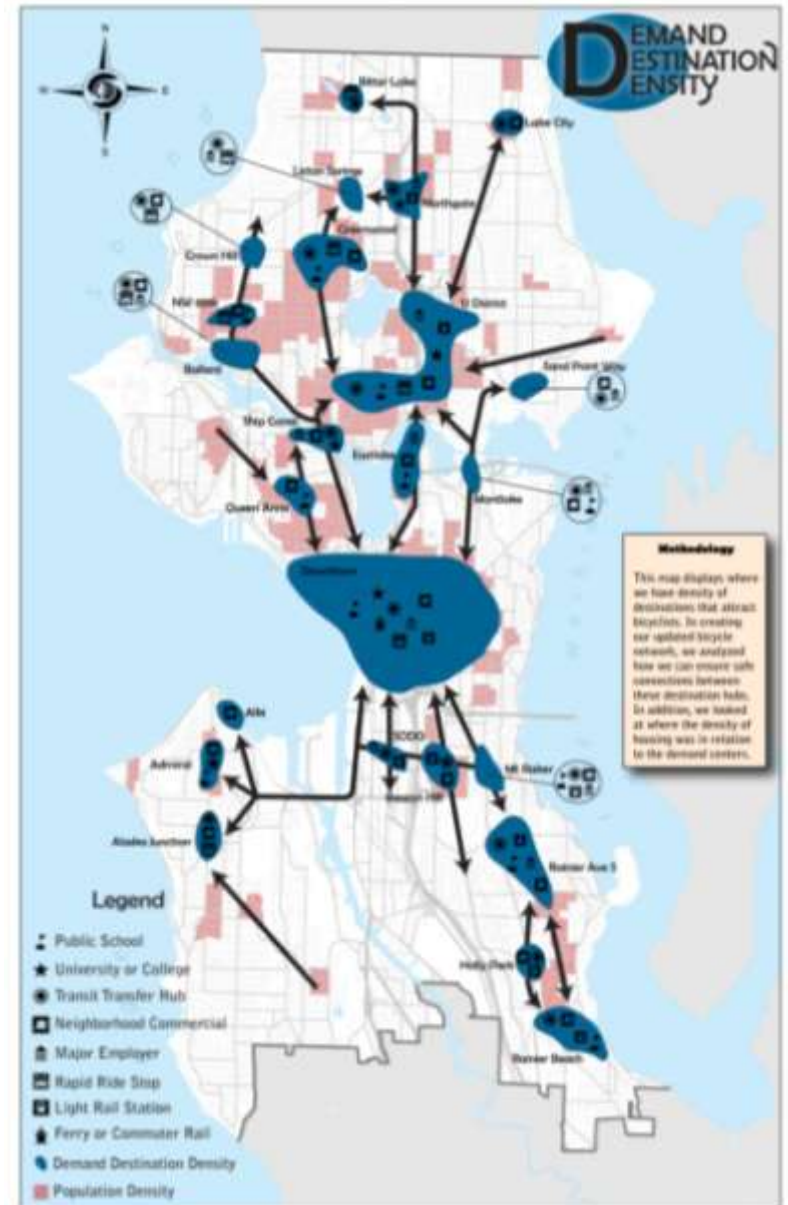
Street Network

Topography



Draft Plan Map Development

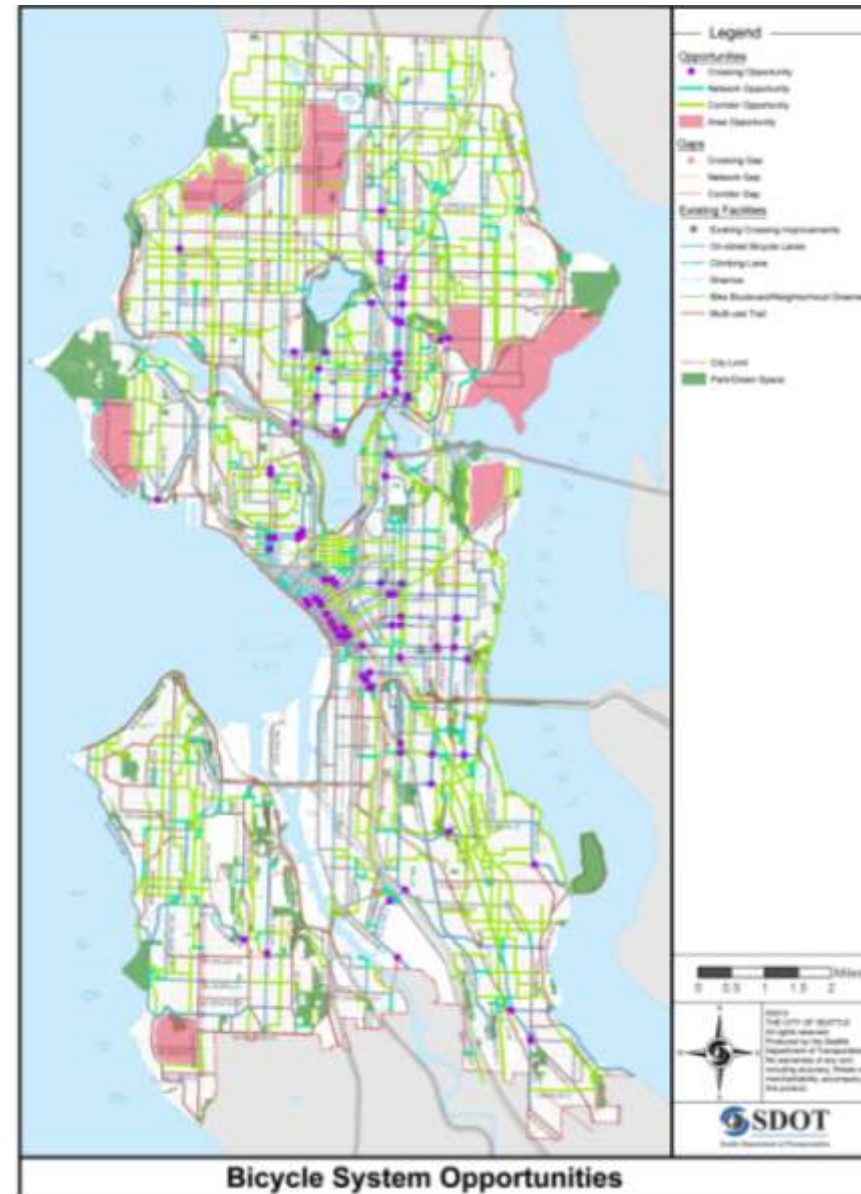
Land use: a key focus on connecting people to places they want to go



Draft Plan Map Development

Step 2: Developed proposed network based on data analysis and review by project team

- More qualitative assessment
- Goal to create a connected network throughout the city



Draft Plan Map Development

Step 3: Recommend facility types (what lines on the map mean)



- Updated bicycle facility types (based on underlying street classification)
- Incorporated new facility types into the plan (cycle tracks, buffered bike lanes, neighborhood greenways)



Draft Bicycle Facilities

- Enhanced street – neighborhood greenways



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



- In street, major separation – cycle tracks



Draft Plan Map Development

Preliminary Draft Bicycle Facility Designation Criteria

Neighborhood greenways:

- The specific location of a neighborhood greenway may change based on more detailed analysis and design work
- Map is intended to show corridors where a greenway would be an appropriate connection



Draft Plan Map Development



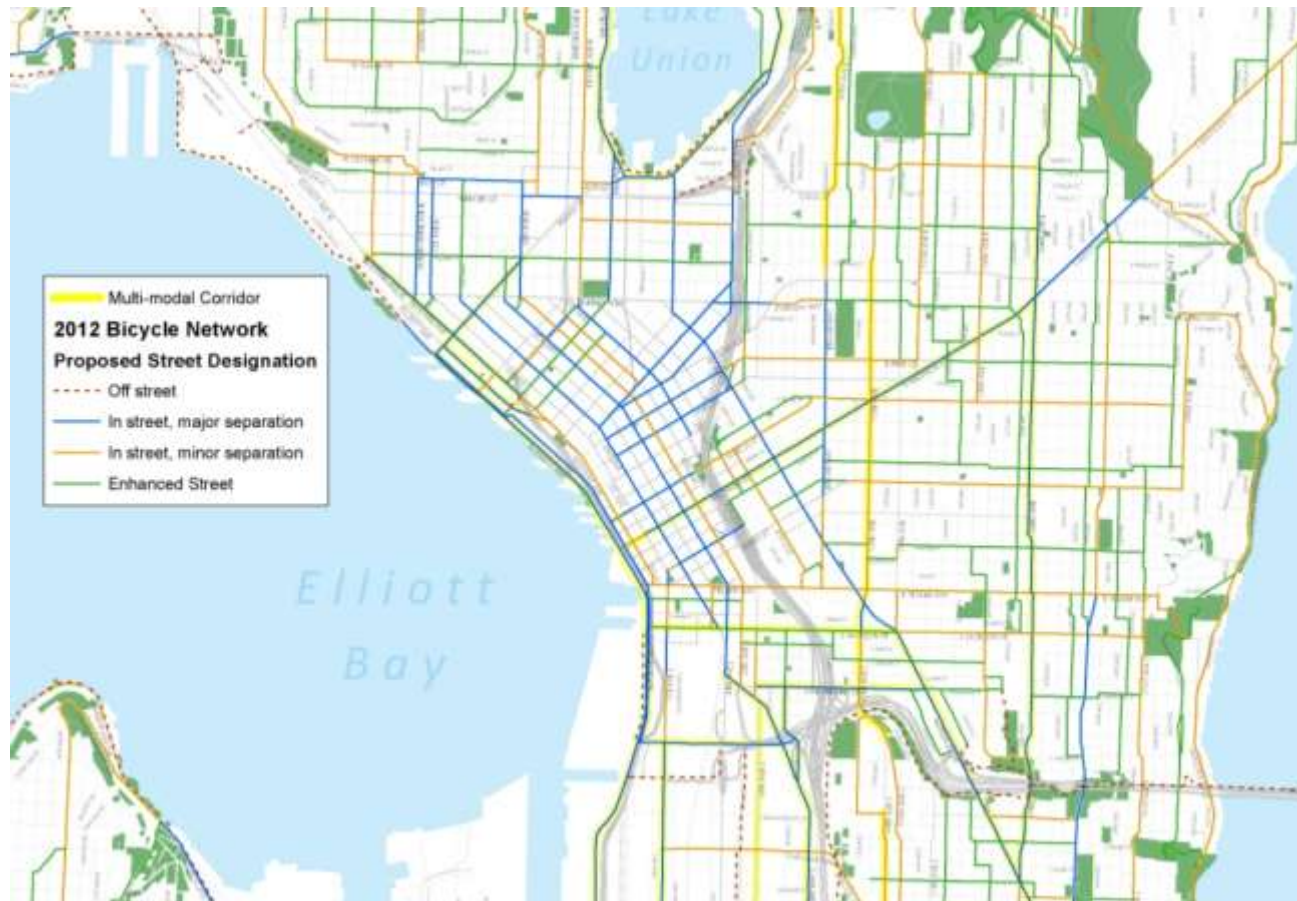
Multi-Modal Corridors — (highlighted on draft map in yellow)

The 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)
- Need for more analysis about potential to build a bicycle facility on that street or a parallel street



Draft Plan Network Map



Street Designation	Total Miles on Network Map	Existing Facilities that Meet/Exceed Recommendations	New Facilities Recommendations	Upgrade to Existing Facility Recommended	Facilities to build
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

Public Engagement Phase II

Activities (November – January)

- Three November public meetings
 - 300 attendees
 - Thousands of comments on the draft network maps
- Comment sheet and interactive mapping tool (1,400+ comments on map)
- 200+ e-mails with comments
- Attended 24 community, advisory board, and district council meetings
- Letters from organizations



What We Heard – Key Findings

- Add streets to the proposed network:
 - Address connectivity gaps (e.g. SLU to Capitol Hill) and missing connections
 - More focus on intersections
- Remove streets from the proposed network:
 - Comments indicated concern about practicality or necessity of arterial bike facilities (e.g. NE 65th St)
 - Some interest in removing arterial streets that have transit service
- Multi-modal corridors:
 - Strong interest and conflicting public comment for many corridors



What We Heard – Key Findings

- Facility designation criteria:
 - Generally supported
- Policy framework:
 - Generally support vision and goals
 - Connectivity is crucial to encourage more ridership
- Programs:
 - Support for a variety programmatic ideas: driver's education and licensing, programs in schools



Draft Programmatic Categories



Programs to help achieve the goals: ridership, safety, connectivity, equity, livability

What We Heard – Key Findings

Other comments:

- Curious about funding strategy and maintenance of new facilities
- Negative comments about bikes in BAT lanes
- Concerns about challenging crossings and barriers
- Concern that plan map might be too ambitious
- Map needs more legibility to convey how it links core destinations together



How We Are Responding

- Plan map refinements:
 - More analysis of feasibility of bicycle facilities on multi-modal corridors and other arterials
 - Identify parallel routes if necessary
 - Community interest in creating clearer connections of “all ages and abilities” facilities
 - Develop more specific design guidance for facilities and intersections
 - Improve map readability



BMP Update Next Steps



- Identify programs (to enhance bicycle ridership, safety, etc.)
- Develop updated performance measures and prioritization framework
- Develop updated implementation strategies
- Develop complete draft BMP update for public review in late spring



More Information

Project Website:

www.seattle.gov/transportation/bikemaster.htm

Project email address: bmpupdate@seattle.gov

