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Safe - Connected - Multimodal

Kirkland 2044 Transportation Plan Update

May 29, 2024

Transportation Commission



Agenda

1. TSP Project List and Council Feedback
2. Draft Plan Structure
3. Schedule and Next Steps



Background

The Transportation Strategic Plan (TSP)

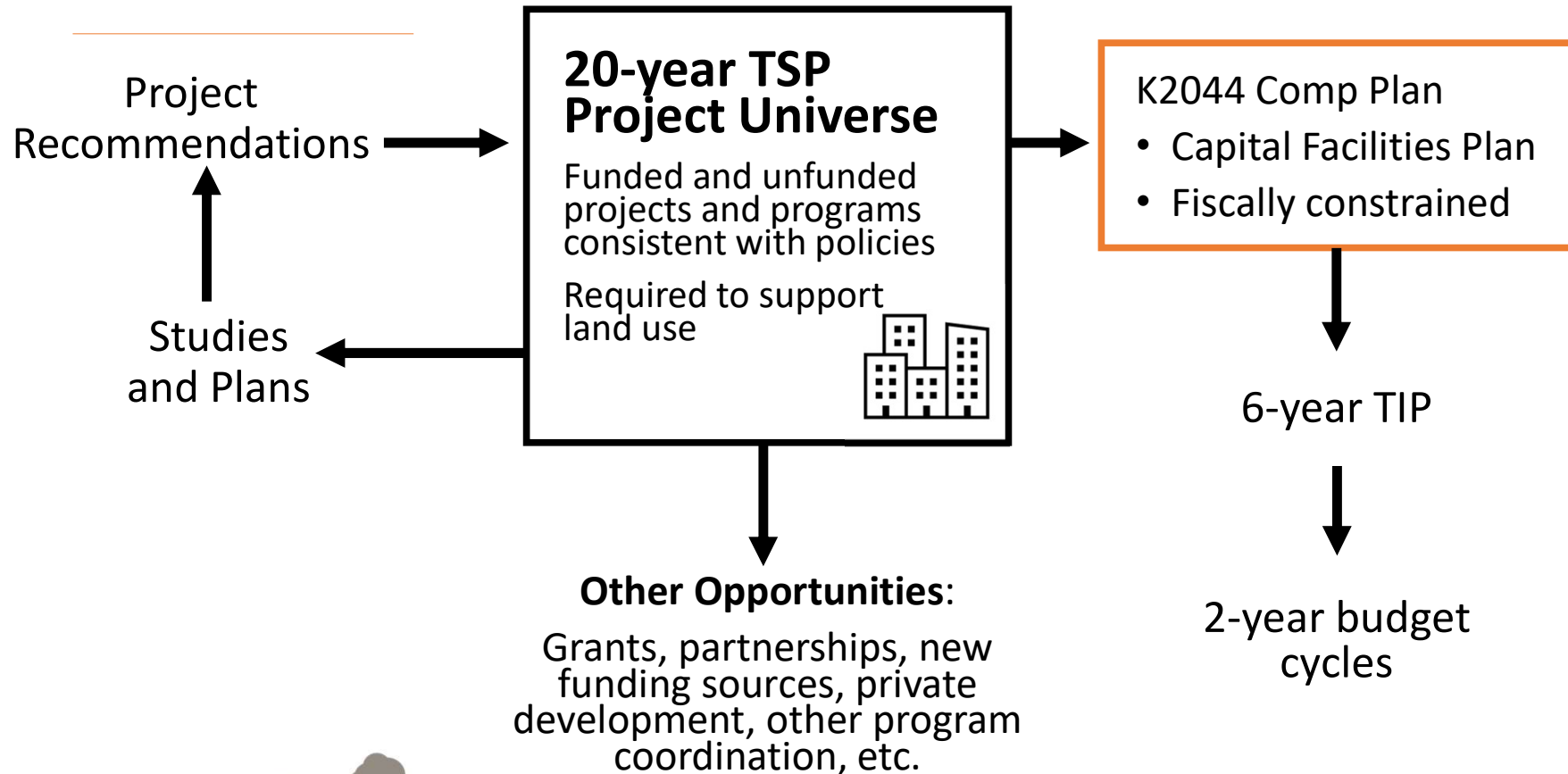
- Stand alone document but major components become part of the K2044 Comprehensive Plan Transportation element
- Includes the ‘universe’ of project needs for the city, funded and unfunded

The K2044 Comprehensive Plan

- Transportation Element includes the goals and policies, CFP projects, GMA requirements (all derived from the TSP)
- Capital Facilities Plan (CFP) – projects identified to be funded through existing funding sources projected through 2044



Transportation Strategic Plan Projects



How Projects Get Built

Programs (maintenance, sidewalks, safety, NSP, NTSP)

Capital Facilities project List

Metro Coordination (K Line example)

State and Federal appropriations

Grants

Private Developments

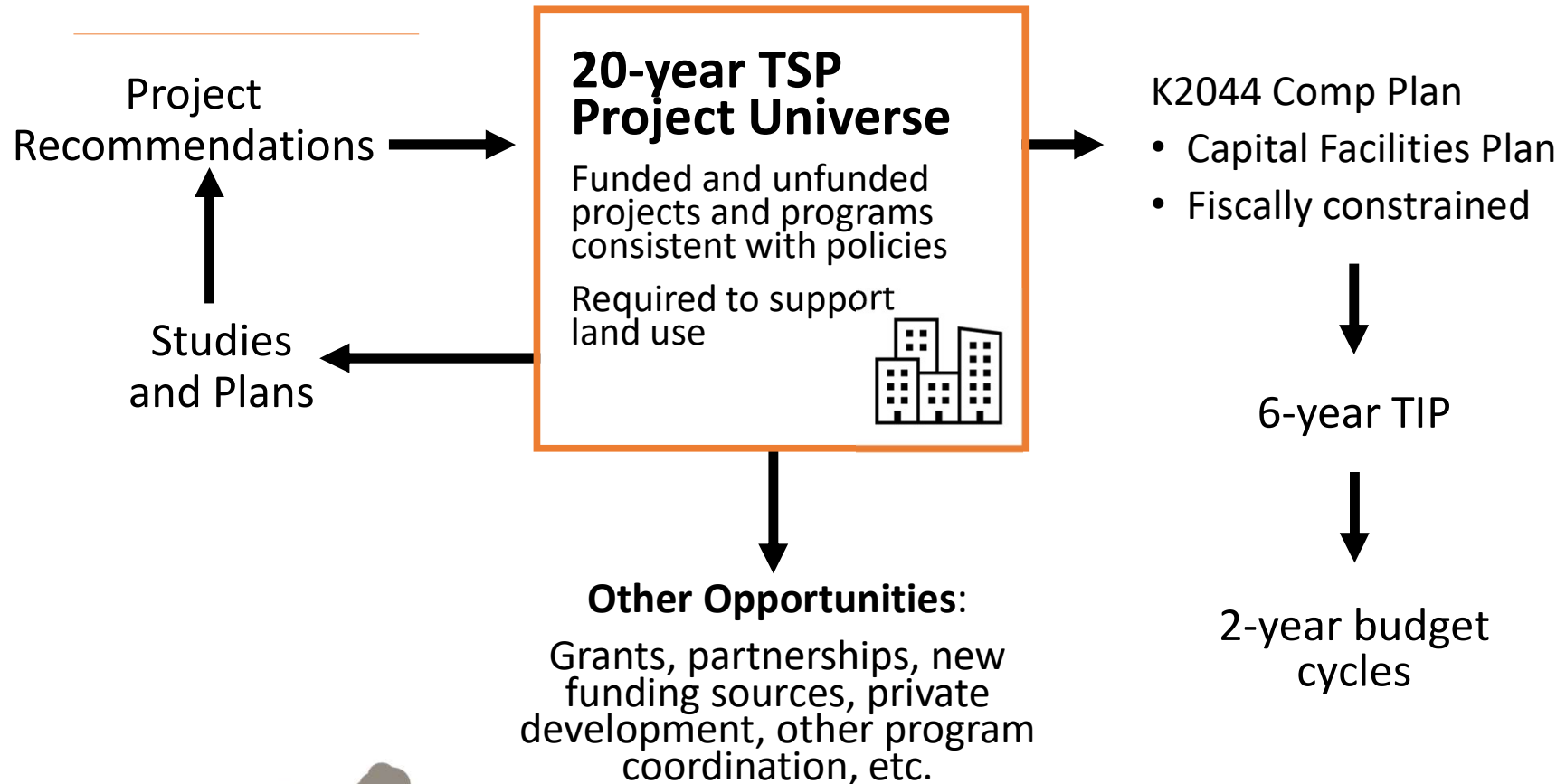
Sound Transit/ WSDOT

Coordination with other programs (storm, parks)

Other/ future funding sources



Transportation Strategic Plan Projects



Transportation Strategic Plan Projects

20-year TSP Project Universe

- Funded / unfunded
- Programs and project list
- Identified through:
 - previous planning efforts
 - support of land use goals → Concurrency



Land Use Coordination / Concurrency

The Growth Management Act (GMA) requires that transportation improvements and strategies be implemented concurrent with the construction of land use developments.



Trip Demand



Trip Capacity



Projects vs. Programs

Projects are generally larger in scope, often require right-of-way acquisition, and are better managed as individual projects.

Example: 100th Avenue NE Corridor Improvements

Programs include smaller projects that can be implemented together to complete a vision and allow the City the ability to be more flexible with implementation.

Example: filling a sidewalk gap



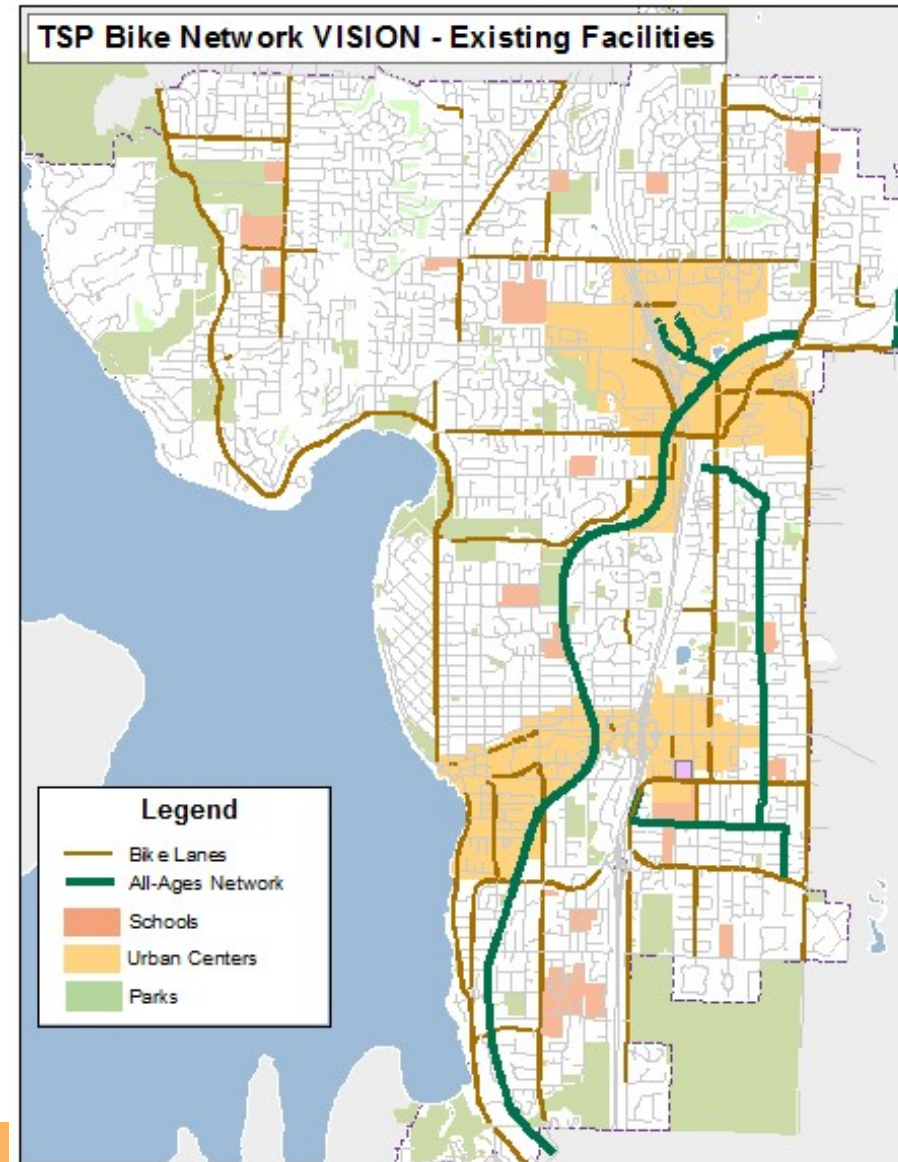
Vision Maps



Vision Maps

Bicycle Network – Existing

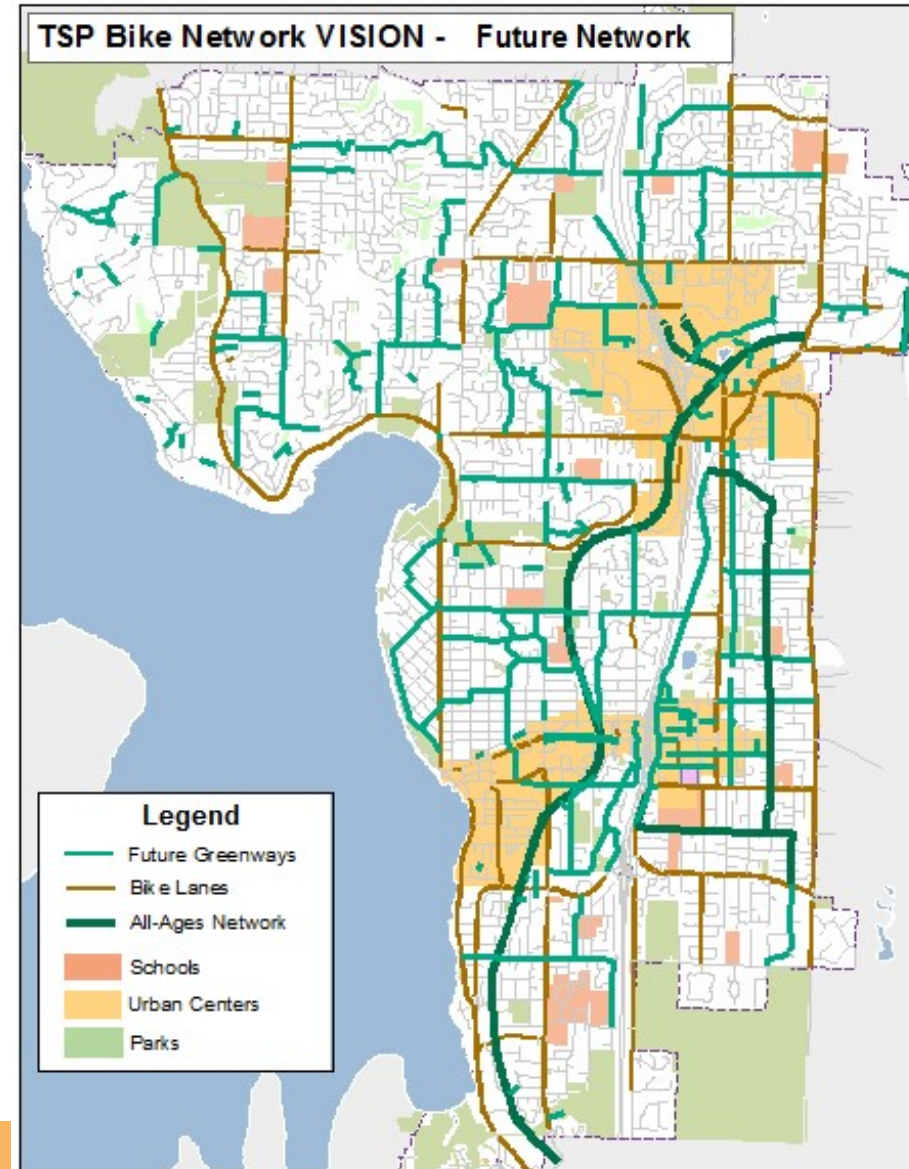
- CKC
- Greenways
- Sidepaths/ Trails
- Protected Bike Lanes



Vision Maps

Bicycle Network – Future

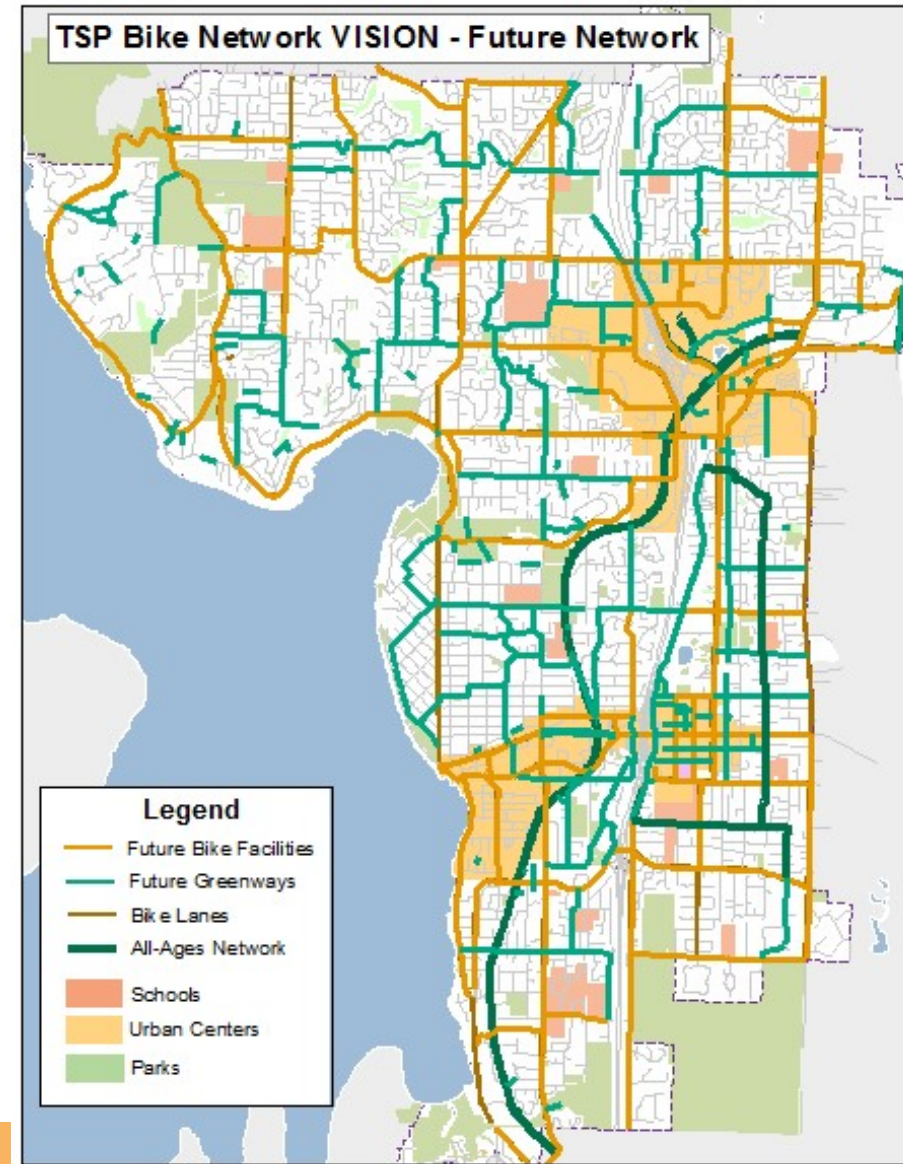
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- Future Greenways Network



Vision Maps

Bicycle Network – Future

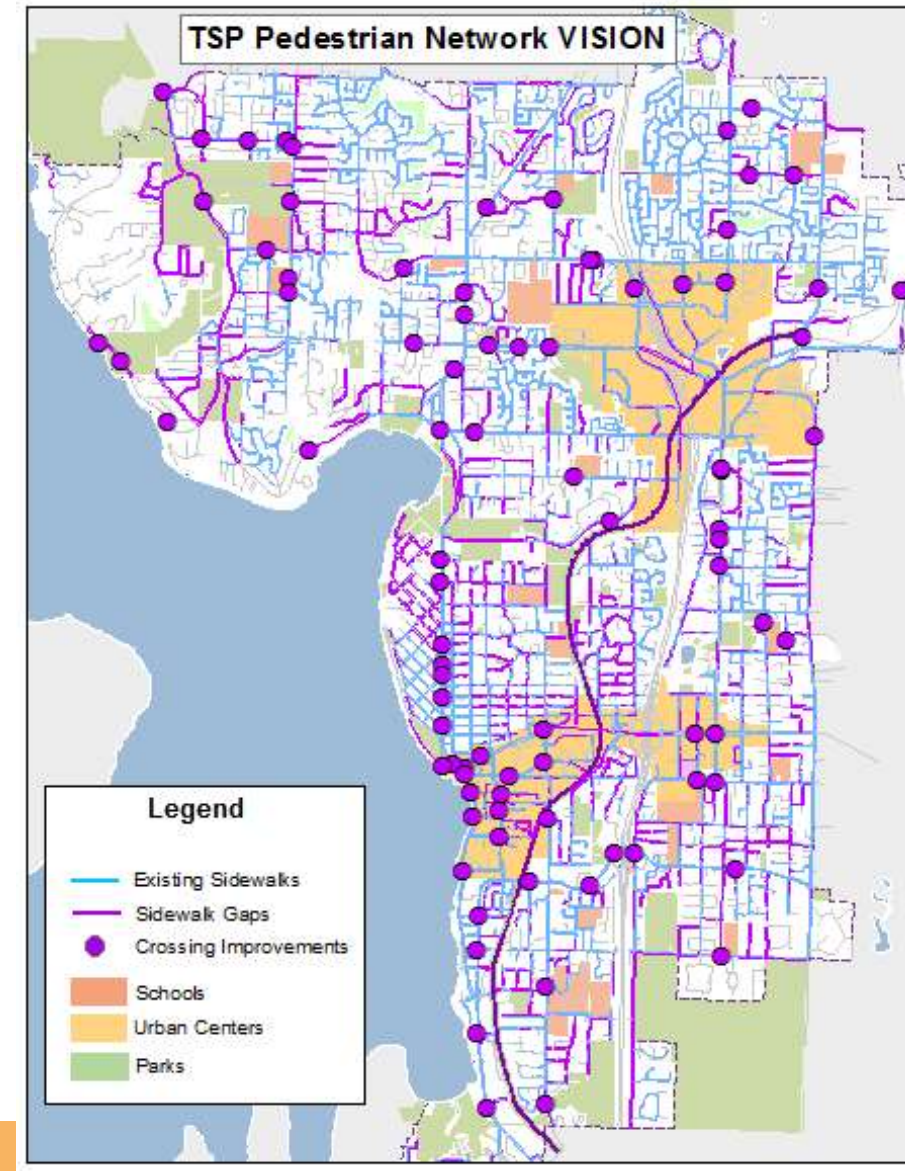
- CKC
- Greenways
- Sidepaths/ Trails
- Protected Bike Lanes
- Future Greenways Network
- Future Bike Facilities (protected, buffered, regular bike lanes, shoulder improvements)



Vision Maps

Pedestrian Network – Future

- Existing Sidewalks
- Sidewalk Gaps
- Future Crossing Improvements



Vision Maps

Prioritized Project Web-map

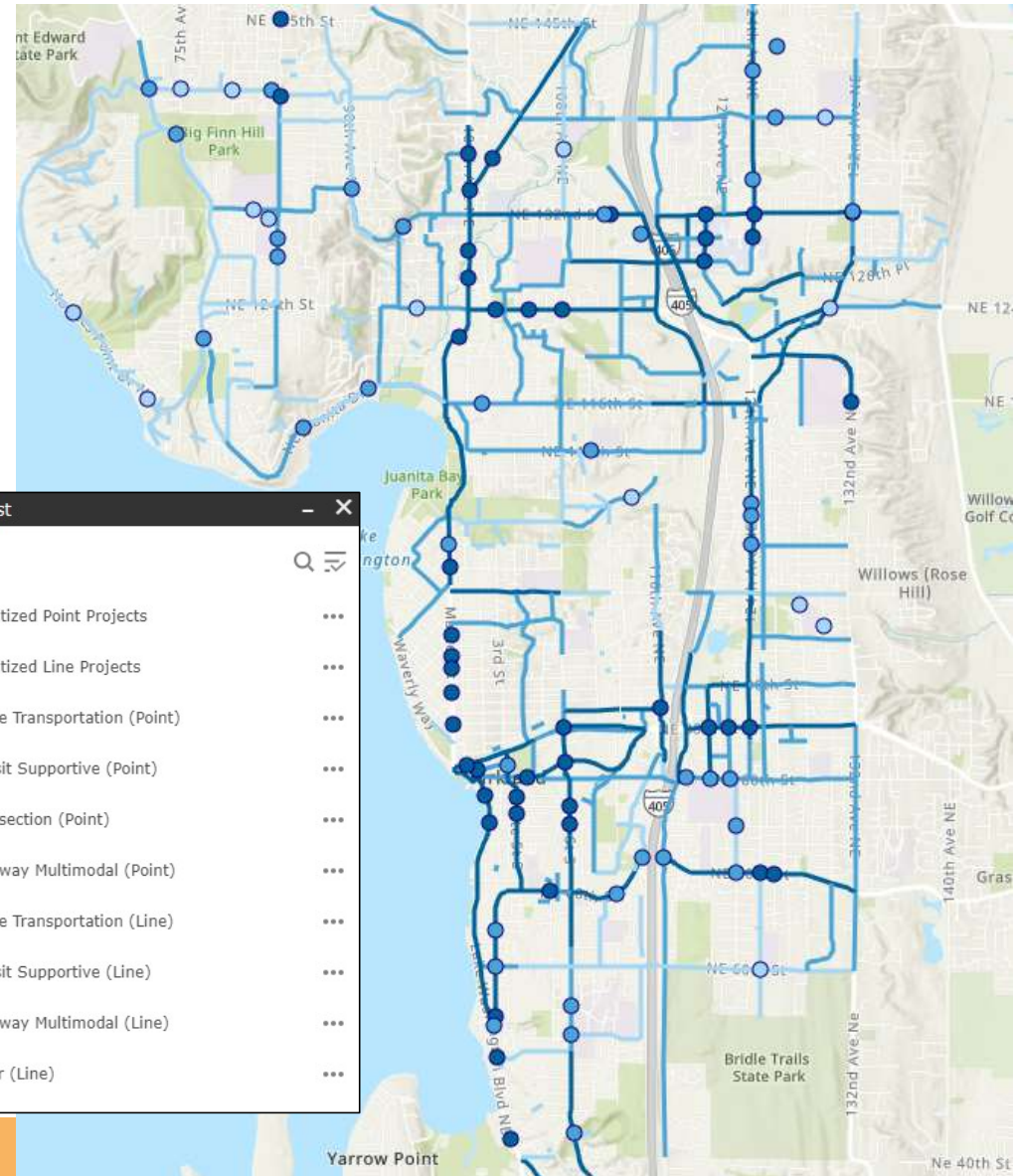
- Projects can be turned on and off by type
- Projects are shown by score
- Project info available

(1 of 4)	
NE 116th St Protected Bike Lanes	
Project_Title	NE 116th St Protected Bike Lanes
Street	NE 116th St
Start (W/S)	115th Ln NE
End (E/N)	120th Ave NE
Project Type	Active Transportation - Bicycle Facility
Description	Protected Bike Lanes as development occurs. Additional right-of-way required.
Neighborhood	Totem Lake
Prioritization	195
Total Score	

Layer List

Layers

- Prioritized Point Projects
- Prioritized Line Projects
- Active Transportation (Point)
- Transit Supportive (Point)
- Intersection (Point)
- Roadway Multimodal (Point)
- Active Transportation (Line)
- Transit Supportive (Line)
- Roadway Multimodal (Line)
- Other (Line)



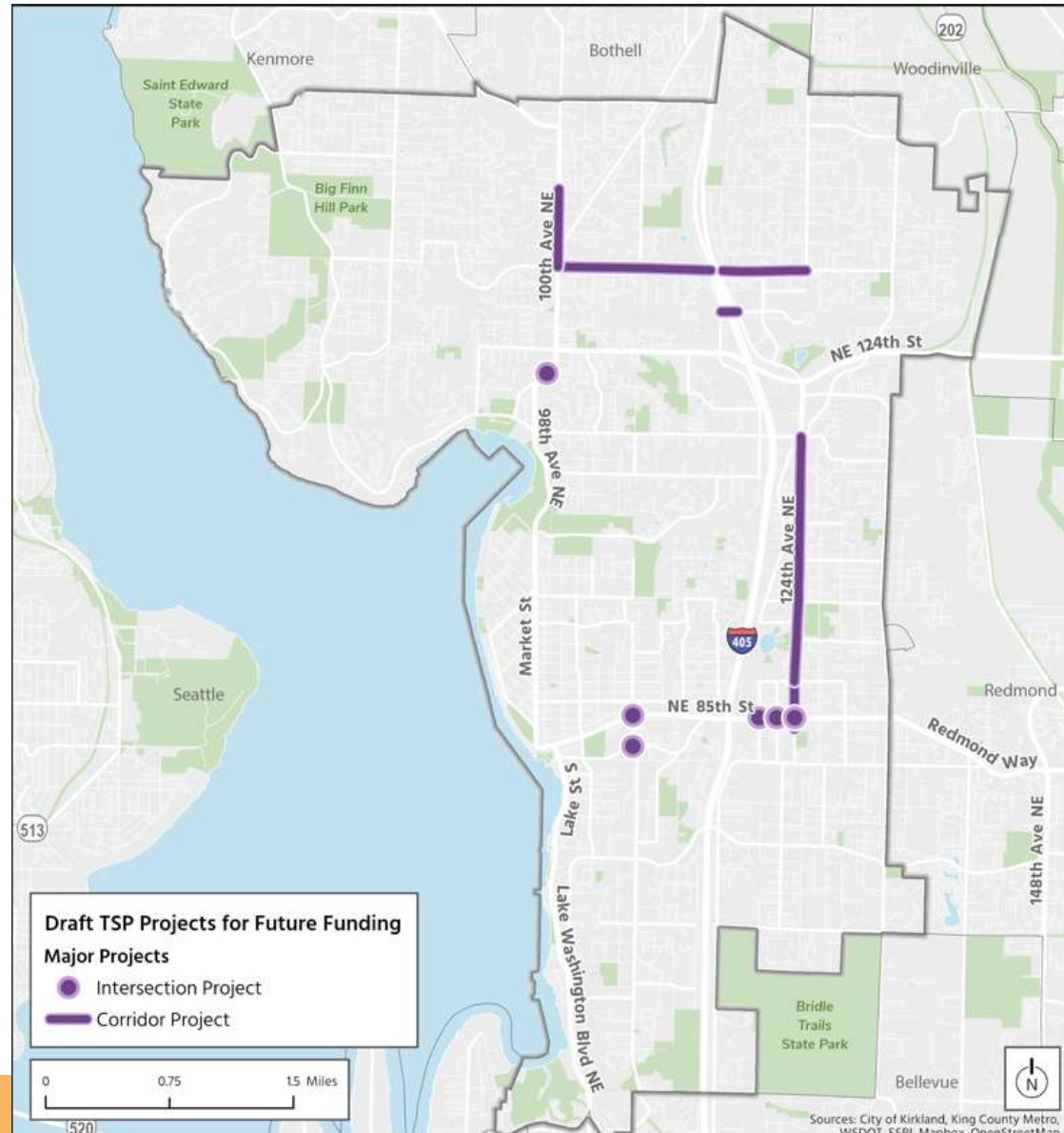
CFP Projects



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CFP Proposed Projects

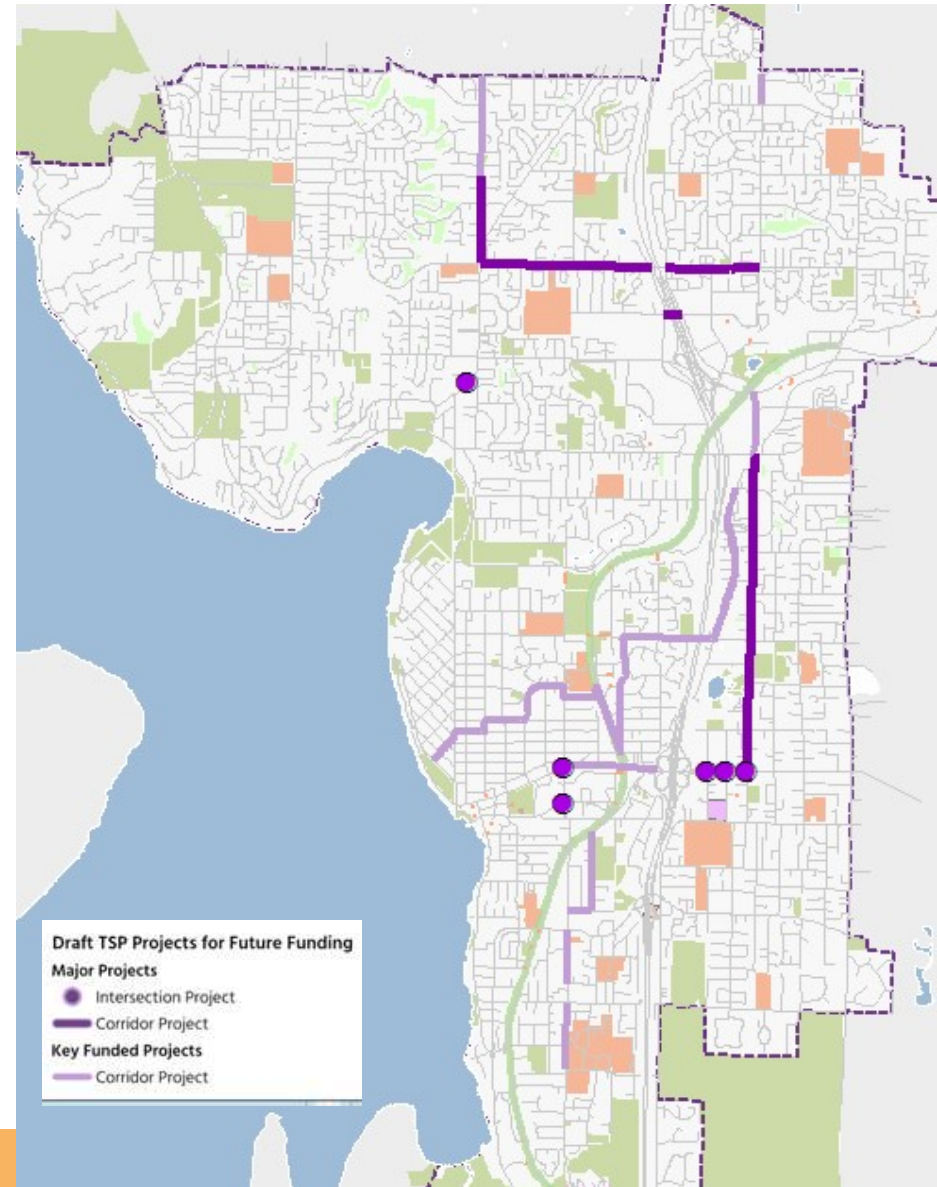
12 of the highest scoring projects can be funded with current projected revenue with the current balance of programs and projects



Proposal

Fund programs and projects as described

- Supports future land use growth
- Programs allow for greater flexibility for lower cost / high value projects
- Also gets at the big picture
- Accounts for increased costs
- Completes networks



Council Feedback

- Proceed with current configuration of projects and programs
- Bring back a discussion about future funding sources
- Provide more detail about overall vision



Recommendation for Fiscally Constrained CFP

Fund programs and the 12 prioritized larger projects as described

- List will be impacted based on concurrency projects
- Not the last chance to update project list
 - Opportunities before final document
 - 6-year TIP and annual budget cycle/ amendments
- Unfunded projects will remain part of the TSP and will be candidates when additional funding opportunities arise (grants, partnerships, private development, etc.)



TSP Document



Safe – Connected - Multimodal

TSP Document Structure and Elements

- **Introduction**
 - Purpose
 - Relation to other elements of the Comprehensive Plan
 - Relationship between the Transportation Master Plan and the Capital Improvement Program
 - Safe and Multimodal
 - Concurrency
 - Level of Service
 - Public Involvement
- **The Transportation Concept**
- **Existing Conditions**
- **Summary of Goals**
- **Chapter 1. Safety**
- **Chapter 2. Active Transportation**
- **Chapter 3. Public Transportation**
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Document purpose
and background

Opportunities

- Refine introduction to *highlight key sections* early in the document

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Chapters by goal or mode

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Why does it matter?

How will we reach our goal?

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- Expand Existing Conditions to **include additional context** about the network

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- Revise Summary of Goals to **include policies and actions**

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**Future
Network**

Document purpose
and background

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Chapters by goal or mode

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- **Contextual sections** to reflect Kirkland's modal priorities, connections to other planning processes, and safe systems approach
- Expand Existing Conditions to **include additional context** about the network
- Revise Summary of Goals to **policies and actions**
- Organize or condense chapters by goals or mode to a **"Future Network" section(s)**

Reminder

The Transportation Strategic Plan (TSP)

- Stand alone document but major components become part of the K2044 Comprehensive Plan Transportation element
- Includes the ‘universe’ of project needs for the city, funded and unfunded

The K2044 Comprehensive Plan

- Transportation Element includes the goals and policies, CFP projects, GMA requirements (all derived from the TSP)
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Next Steps

- July 26 Transportation Commission – Draft Plan elements
- June 27 Public Hearing with the Planning Commission – K2044 Transportation Element components only
- September 25 Transportation Commission public hearing on Draft Plan
- October 23 Transportation Commission recommendation to Council
- November Council Adoption (could be extended)



Revenue Projections

TRANSPORTATION FUNDS

Impact Fees

REET 1

REET 2

Gas Tax

Business License Fees

Solid Waste

Surface Water

Street Levy



Approx. \$317M over
20 years or about
\$15.85M annually



CFP Projects and Programs

Estimated Funds Available for Programs	\$187,000,000
Estimated Funds Available for Individual Projects	\$128,000,000
<hr/>	
Projected 20-year Revenue	\$315,000,000

Total for 430 identified projects: **\$864M**

Top 12 recommended projects equates to \$112,500,000

Remaining \$15,500,000 is expected to fund additional concurrency projects supporting private land use developments



Project Cost Estimation

Planning Level estimates for 430 projects plus over 1600 sidewalk gaps

- Excludes right-of-way costs
- Show a low-to-high range of anticipated costs
- Changes in stormwater regulations
 - Large projects: assume 40% increase in costs
 - Small projects: assume 20% increase in costs



Project Web-Map and Public Engagement

- ~430 Projects (not including programs)
- 2,350 reactions to projects or comments
- Over 600 unique comments

