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Safe – Connected – Multimodal

Kirkland 2044 Transportation Plan Update

January 3, 2023
Project List Overview

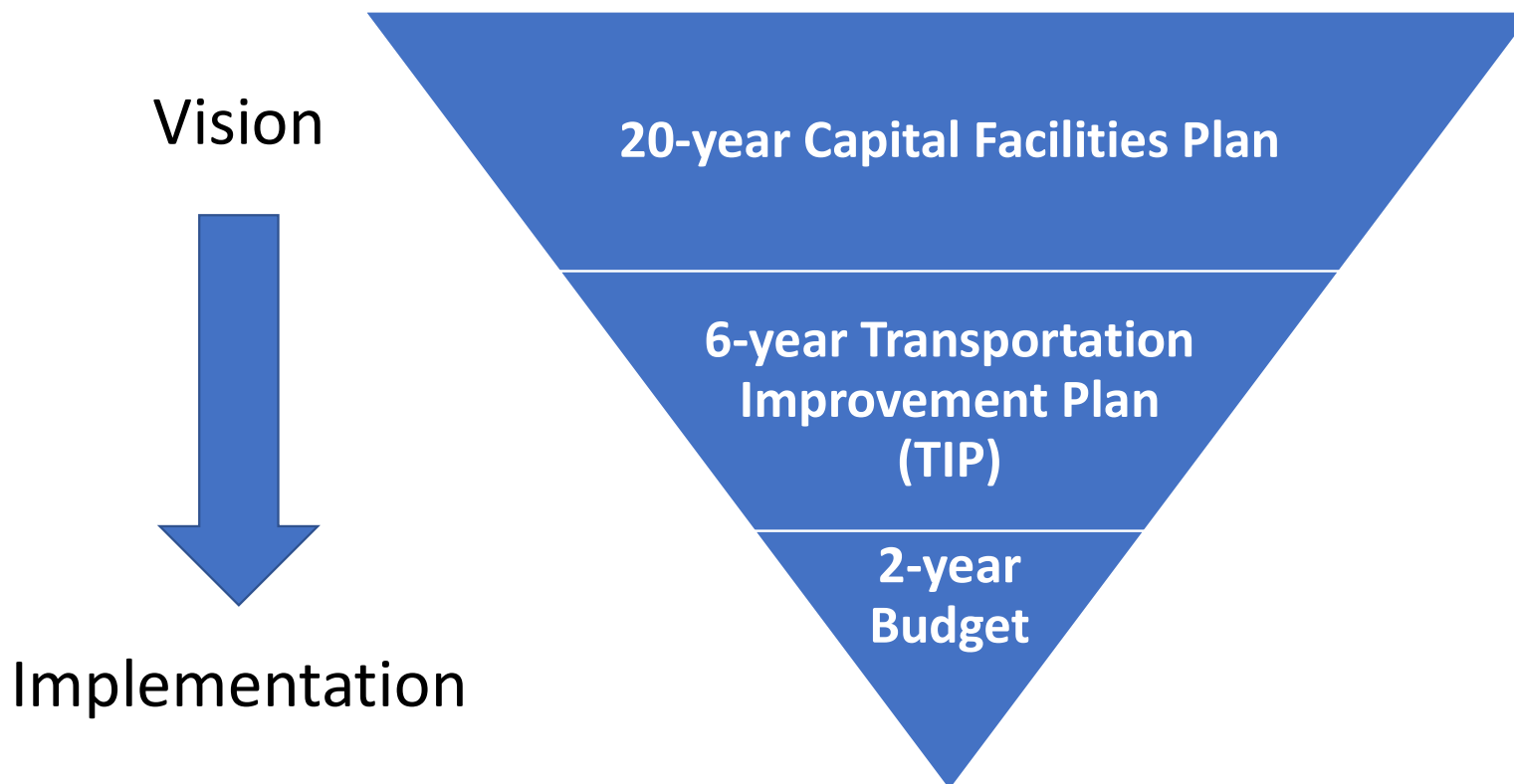


Agenda



- How projects are identified
- Programs
- Projects
- Prioritization
- Next Steps

Project List Development



20-yr Project List Development



Projects are identified through the following methods:

- Previously planning efforts or studies
- In the 6-year Transportation Improvement Program
- Through safety analysis or identified for other engineering purposes
- Suggested projects from the public (with an engineering review)
- Projects that help to support future growth and capacity

20-yr Project List Development



Planning Efforts being integrated include:

- Kirkland Transit Implementation Plan (KTIP)
- Active Transportation Plan (ATP)
- Vision Zero Action Plan
- Local Road Safety Plan
- Safer Routes to School Action Plans
- NE 85th St Station Area Plan
- Intelligent Transportation System Plan
- NE 128th St Corridor Study
- Holmes Point Corridor Study
- External Plans (Sound Transit 3, King County Metro's MetroConnects, North Eastside Mobility Project)

Project List Development



Project groupings:

- Group programmatic improvements (i.e., sidewalk program, signal updates)
- Itemized project list (with a clear location and description)
 - Group projects by category (bike, pedestrian, transit, roadway)
 - Identify those exempt from prioritization (already funded, required for concurrency, developer driven), etc.
 - ~450 projects currently identified

Programs and Studies

Programs



- Some are capital and some non-capital (some are mixed)
- Not subject to prioritization

EXISTING:

Preservation
Maintenance
Annual paving and striping programs
Neighborhood Traffic Control
Neighborhood Safety Program
CKC related programs
Safety related programs
Neighborhood Greenways
Transportation Demand Management
Intelligent Transportation Systems (ITS)

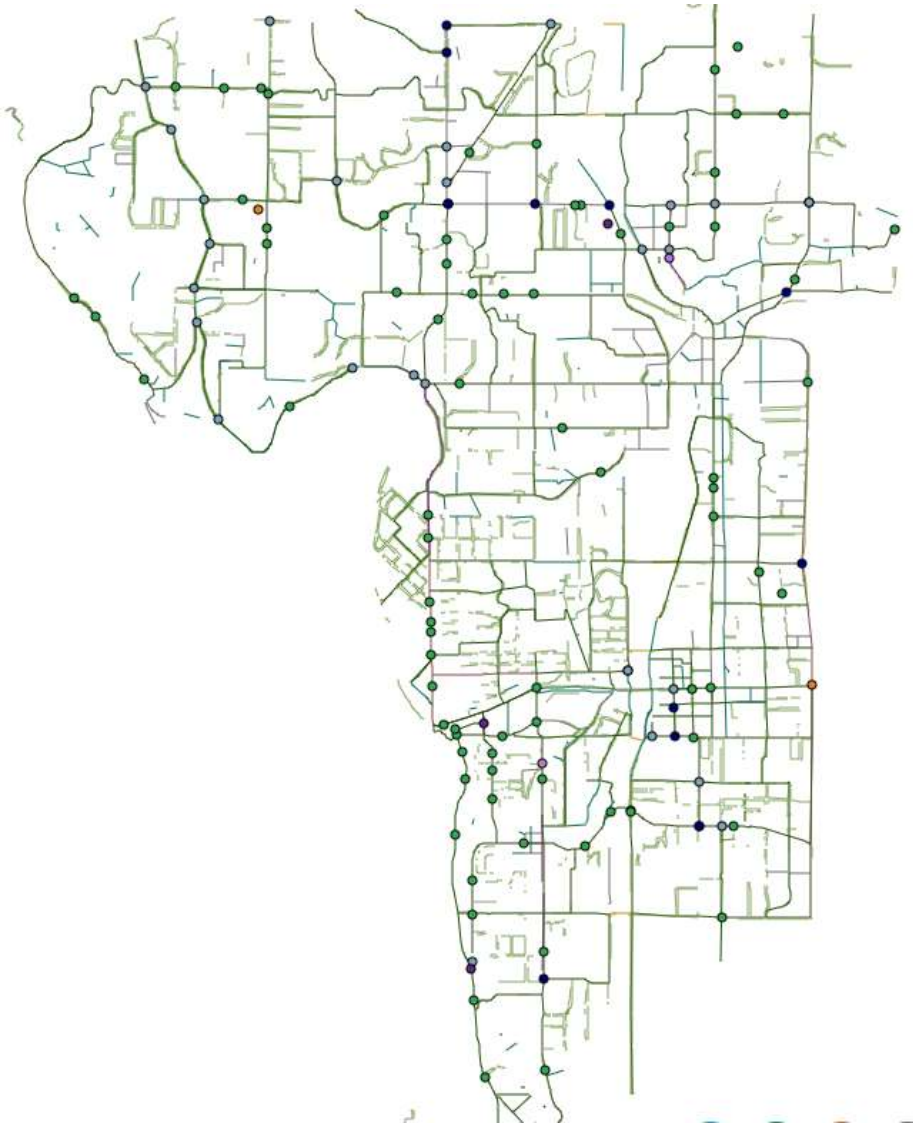
PROPOSED NEW:

Sidewalk Completion
ITS Performance Measures
Greenways Performance
Bicycle Parking

Studies

- CKC Action Plan
- Transit Needs Study
- ADA Transition Plan Update
- Curb Management
- 7th St Corridor Study
- Market St Corridor Study
- 132nd Ave Corridor Study
- Bicycle Wayfinding





Capital Project List

Transit Access and Speed & Reliability



10 projects

Market Street NB Queue Jump

108th Ave NE Queue Jumps

Partially funded

Totem Lake Village curb revisions and transit operations

Totem Lake Transit Center bus stop consolidation (Metro project)

Partnership with Metro (cost share?)

K-Line supportive project

Downtown Kirkland Transit Center Raised Crosswalk

Downtown Kirkland Transit Center Operations

K-Line supportive project

South Kirkland Park and Ride operations and signal improvements

Funded

Kingsgate Park & Ride bus stop and access improvements

6th Street S at the 5th Place / CKC Crossing - Transit Signal Priority

Lake Washington Blvd Transit Access from Carillon Point

Roadway/ Vehicle Projects



9 Roadway Multimodal Projects

- Kirkland Way Multimodal Corridor
- 124th Ave NE Widening - NE 85th St to NE 90th St
- NE 132nd St Multimodal Corridor
- Juanita Drive Gateway Median (NE 141st Vicinity)
- Forbes Creek Drive lighting
- NE 120th St/ 132nd Ave NE Curve (Lk Wa Institute of Technology vicinity)

22 Intersection Projects

Emergency related



- Finn Hill Roadway Emergency Vehicle Access Connections
- NE 130th PL to the north end of existing 64th Ave NE as a pedestrian pathway that would allow for emergency vehicular access
- NE 132nd Street/Fire Station Access Drive Intersection Improvements
- Forbes Creek Drive Emergency Connection
- GPS Emergency Vehicle pre-empt

Bridge Improvements (over I-405)



NE 100th St Bridge Improvements

NE 60th St Pedestrian Bridge Improvements

NE 80th St Pedestrian Bridge Improvements

90th St Pedestrian Bridge – new bridge (SAP)

NE 140th St Bike/Ped Bridge – new bridge (citywide connections)

NE 140th St Bike/Ped Bridge – new bridge (citywide connections)

New Connections



From Citywide Transportation Connects and the 128th Corridor Study

- 7 new roadway connections
- 94 new pedestrian/ bike connections

Active Transportation



- 77 intersection/ crossing improvements (mostly pedestrian)
- 3 pedestrian only linear projects in addition to the ~1600 sidewalk gaps identified
- 99 bicycle facility projects (62-78 will likely require right-of-way)
- 61 neighborhood greenway segments
- 100 trail/ multi-use pathways (91 of them require right-of-way)

Active Transportation



Highlights:

- Lake Washington Blvd Promenade
- Lakeshore Plaza bike connection
- NE 85th St Bike/Ped Connection – 6th to I-405 plus connections to station area
- Greenways network
- School Zone safety cameras

Project Prioritization

Project Prioritization



Purpose

- Identifies projects that best implement the goals
- Prioritizes which projects should come first
- Helps the city make the best use of limited resources
- Assists decisionmakers in budgeting, planning, and making grant applications

Project Prioritization



Considerations

- Use readily available data
- Measures should be easy to replicate
- Measures should directly reflect the goals of the plan
- Measures should be transparent and easy to understand

Prioritized Project List



- Universe of projects prioritized linking projects to goals
- 20-year projects and programs with high-level cost estimates (range)
- Resulting project list will identify the highest priority, 20-year fiscally constrained project list based on projected funding revenues
- Remaining projects will be identified as unfunded but could still be brought forward in future years if conditions change

Prioritization Highlights



- Council comments received at their Nov 21, 2023 Study Session
- Major updates:
 - Commercial and neighborhood centers will be treated the same
 - Safety will get the highest score
 - Future transit service will be considered in metrics
 - Safety countermeasure will be given added points (instead of lowest score)

Next Steps

- Prioritization
- Cost Estimation
- Revenue Forecasting
- Public Engagement



Message to Community



- We've looked at the entire city
- Not the decision but the start
- Prioritization is not the decision-maker but the tool

Timeline



- Public engagement through February on projects
- Council study session on March 19, 2024
- Draft Transportation Element materials by end of March
- Draft Plan by end of June
- Comp Plan adoption – December 2024