RapidRide

K Line - Speed & Reliability Improvements

PSRC Regional FTA Grant Program Candidate Project
May 13, 2020
What is RapidRide?

- Better service for more people
- Connections to transit
- Frequent and reliable service
- Sustainability

Existing RapidRide Route:
A B C D E F
RapidRide route to begin service by 2025
G H I J K R
RapidRide Capital Investments

Speed and reliability includes bus-only lanes and other intersection or roadway upgrades to help buses move through traffic and intersections.

- **Speed and reliability**
- **Safety, comfort, and security**
- **Bus station upgrades**
- **Access to transit**
Line Overview

- Invests in getting people to, from, and around Kirkland and Bellevue
- Serves growing employment centers
- Currently served by Metro Routes 239, 255, 250, and 271
- Expected ~$90M investment

Overview

Seeking FTA funds for construction

- We are here
- Conceptual design
- Final design
- Construction
- Start service
- 2019
- 2019 - 2020
- 2021 - 2023
- 2023 - 2025
- March 2025

Legend

- Future RapidRide K Line
- Existing RapidRide B Line
- Future East Link light rail
- Future I-405 Bus Rapid Transit
- Transit Center

To Lynnwood

To Seattle

To Burien

To Eastgate Park-and-Ride

To Bellevue

To Mercer Island

To Kirkland

To Totem Lake Transit Center

Kirkland

South Kirkland Park-and-Ride

Bellevue Park-and-Ride

NE 116th St

140th Ave NE

Lake Washington

Bellevue

Kirkland

Bellevue Transit Center

Kirkland Transit Center

Mercer Island

Eastgate Park-and-Ride

Northgate

To Lynnwood

To Seattle

To Burien

To Eastgate Park-and-Ride

To Kirkland

To Totem Lake Transit Center

Kirkland

South Kirkland Park-and-Ride

Bellevue Park-and-Ride

NE 116th St

140th Ave NE

Lake Washington

Bellevue

Kirkland

Bellevue Transit Center

Kirkland Transit Center

Mercer Island

Eastgate Park-and-Ride

Northgate

Legend

- Future RapidRide K Line
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Speed and Reliability Investments

- Bus-only lanes
- Shared right turn lanes
- Queue Jumps
Speed and Reliability Investments

- Timed traffic lights
  - Transit Signal Priority
  - New Timings
Speed and Reliability Benefits

- Corridor-wide travel time savings
  - Targeting 15-30% travel time improvement, or 13-25 minutes saved during PM peak

- Increased ridership
  - Approximately 4,200 new daily transit trips

- Increasing mobility to the Totem Lake and Bellevue Downtown Regional Growth Centers and Kirkland and Bellevue’s locally defined centers

- Increased connections at 5 regional transit hubs (Totem Lake, Kirkland, South Kirkland, Bellevue, and Eastgate)
  - Local and regional transit service: ST East Link light Rail, ST Stride I-405 BRT, and RapidRide B Line
Alignment with Policy Criteria

Benefits to Regional Growth or Manufacturing Industrial Centers

System Continuity/ Long Term Benefits and Sustainability

Air Quality and Climate Change
FTA Funding Goal

- $6M toward construction of the full Speed and Reliability investment package
- Preliminary list of projects include:
  - Transit-only lanes
  - Queue Jumps
  - Transit Signal Priority
  - Channelization changes
- Project prioritization will occur in Q3 2020, with selected projects being included in conceptual design in Q4 2020
Questions?

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