RapidRide C&D Line Improvements

Resolution No. R2018-31 Establish Project
Motion No. M2018-101 Contract Amendment
Overview

- **Establishment of Project**
  Proposed Budget

- **Contract Amendment**
  Speed and Reliability Study
RapidRide C&D Line Improvements

- Part of early deliverables for Central Corridor
- **Delivery date:** 2024
- Capped contribution to City of Seattle / King County Metro for construction
Overlapping study area

Bus service likely to be restructured to integrate with Link light rail

Desire for consistency between projects

Nexus with West Seattle and Ballard Link Extensions

- Ballard Link Extension (2035)
- West Seattle Link Extension (2030)
- RapidRide C and D Lines (current)
WSBLE PLANNING

2017–2019
Alternatives development
Board identifies preferred alternative

2019–2022
Draft Environmental Impact Statement
Final Environmental Impact Statement
Board selects project to be built
Federal Record of Decision

PUBLIC INVOLVEMENT
RapidRide C&D Improvements

Proposed Budget

- Current Request: $2,350,000
  - Admin for life of project $750,000
  - Speed and Reliability Study: $600,000
  - Misc. Preliminary Engineering (if necessary): $1,000,000

RapidRide C and D Capital Contribution: TBD
Madison BRT Contribution: TBD
ST3 Early Deliverables Total: $65m (2014$)
Interagency coordination

- Ongoing KCM and City staff engagement
- 2019 goal for agreement on scope of projects and Sound Transit capital contribution
Overall project schedule

2018–2019
Speed and Reliability Study

2019–2020
PE, Environmental Review, Final Design
City of Seattle, King County Metro Agreement(s)

2021–2024
Construction
City of Seattle, King County Metro

EVALUATION
RAPIDRIDE C & D: Board Approves Project Allocation to Date $2.35M
HNTB Contract Amendment

- Contract approved by Board in 2017 for WSBLE project development
- RFQ included optional task for RapidRide C and D analysis
- Amendment adds task to perform one-year speed and reliability study
- Cost of $599,000 would be drawn from RapidRide C and D Improvements budget, and would not impact WSBLE project budget
Speed and Reliability Study

Traffic analysis, conceptual cost estimation and design

Potential improvements:

- Transit Signal Priority (TSP)
- Signal retiming and upgrades
- Queue jumps and dedicated bus lanes
- Channelization or pavement treatments
- Station facility upgrades
- Inline transit stops

Example of baseline conditions and “hot spots”
– City of Seattle, 2014
RAPIDRIDE C & D: Project Allocation To Date $2.35M

Illustrative - Not to Scale

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<thead>
<tr>
<th>ALLOCATION</th>
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<th>COMMITMENTS</th>
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<tbody>
<tr>
<td>Construction</td>
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<td>Proj. Dev.</td>
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Uncommitted $2.35M
RAPIDRIDE C & D: Board Approves Preliminary Engineering Contract $0.6M

ALLOCATION $ COMMITMENTS

$2.35M

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