

Planning Study - I-405 BRT

The cost estimates included in this document were developed for a planning study to evaluate the I-405 bus rapid transit (BRT) system and identify way to improve it as part of a future phase of high capacity transit investments in the region.

The project information and cost estimate are described in the following project template:

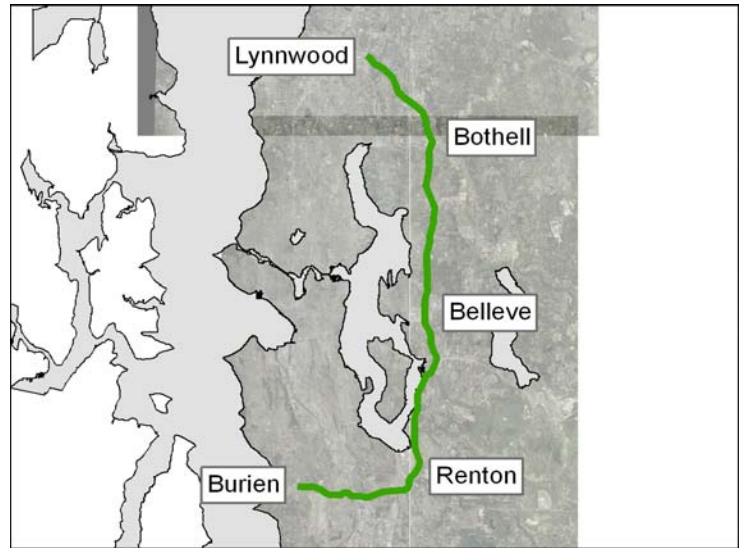
[E31 I-405 BRT Planning Study from Lynnwood to Burien](#)

ST has developed scope definitions for ST2 project proposals for the purposes of developing cost estimates, phasing of investments, a financial plan, and the estimation of project benefits. The scope definition(s) should not be construed as a commitment that all defined features will be included in the final developed project(s).

Express Bus: I-405 BRT Planning Study from Lynnwood to Burien (E. King County/ S. King/Snohomish County)

Project Number	E31
Subarea	East King/ S. King/ Snohomish
Primary Mode Impacted	ST Express
Facility Type	BRT Facility
Version Number	1.0
Date Last Modified	5/24/2007

Project Locator Map



Short Project Description

Conduct a planning study to evaluate the I-405 bus rapid transit (BRT) system and identify ways to improve it as part of a future phase of high capacity transit investments in the region.

Project Purpose: Conduct a planning study to evaluate the I-405 BRT system and identify ways to improve it as part of a future phase of high capacity transit investments in the region.

Cost

in Millions of 2006\$

	Low	High
Agency Admin		
Environmental Clearance and PE		
Final Design, Specs, Permitting		
ROW Acquisition		
Construction		
Vehicles		
Contingency		
Total	\$1.0	\$1.0

Design Basis Planning

Environmental Documentation Required

- Environmental Impact Statement Required
- Environmental Assessment Required
- Environmental Checklist Required

Relationships to Other Projects

<i>Relationship</i>	<i>Project</i>
Impacted by	
Impacted by	
Impacted by	

Project Partners

WSDOT
Cities of Burien, Sea-Tac, Tukwila, Renton, Newcastle, Bellevue, Kirkland, Bothell, and Lynnwood
King County Metro, Community Transit
Snohomish County, King County

Express Bus: I-405 BRT Planning Study from Lynnwood to Burien (E. King County/ S. King/Snohomish County)

Long Description

Description: This project would conduct a planning study to evaluate the I-405 BRT system between Lynnwood and Burien and identify ways to improve it as part of a future phase of high capacity transit investments in the region.

Project Elements Included:

- Review prior corridor studies and plans including the I-405 Master Plan and I-405 BRT Study
- Identify the BRT elements that have been implemented to date
- Review transit service currently provided in the corridor by Sound Transit, KC Metro and CT
- Review planned projects and services being implemented by Sound Transit and other transportation agencies
- Explore opportunities to enhance the BRT system
- Identify potential investments for consideration in a future phase of high capacity transit investments in the region

Utilities:

N/A

Right-of-Way and Property Acquisition:

N/A

Mitigation:

N/A

Exclusions:

- Preliminary engineering
- NEPA/SEPA environmental documentation
- Identification of a preferred alternative

Permits Required:

N/A

Agreements Required:

N/A

ST has developed scope definitions for ST2 project proposals for the purposes of developing cost estimates, phasing of investments, a financial plan, and the estimation of project benefits. This scope definition should not be construed as a commitment that all defined features will be included in the final developed project.

Evaluation Measures

Measure	Measurement/ Rating	Notes
Average Weekday Ridership	N/A	
Capital Cost	\$1.0 - \$1.0	in Millions of 2006\$
Annual Operating Cost	N/A	
Travel Time & Reliability	N/A	
Connectivity & Integration	N/A	
Land Use & Development	High	
Customer Experience	N/A	
Risk Avoidance	High	

Express Bus: I-405 BRT Planning Study from Lynnwood to Burien (E. King County/ S. King/Snohomish County)

Key Issues and Benefits

Issues:

- Although this study could be conducted at any time, most elements would be subsequently re-done during a formal engineering/environmental process, preceding the selection of a preferred alternative.

Benefits:

- Evaluation of potential BRT improvements for a congested Highway of Statewide Significance.
- Evaluation of potential BRT improvements will provide information about how to improve the people-moving capacity of the I-405 corridor