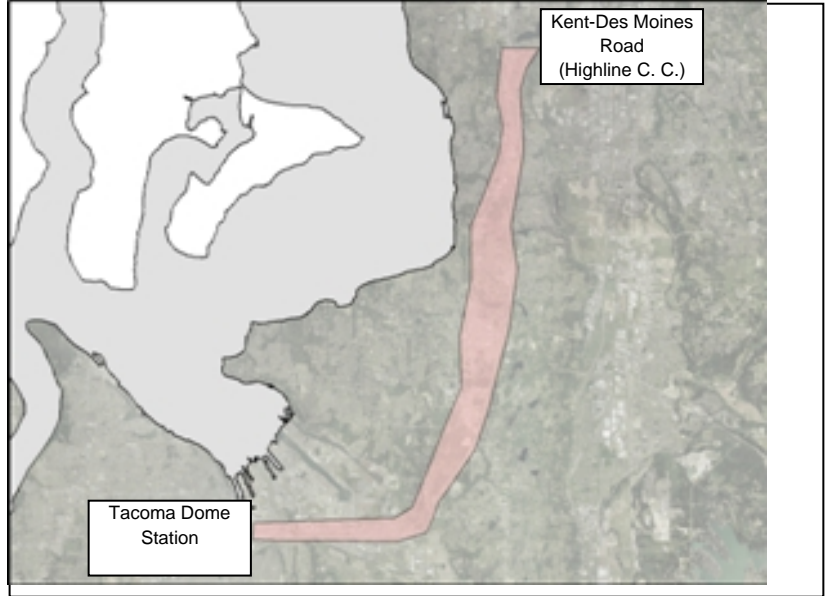


Link LRT: Preliminary Engineering and Environmental Analysis from Kent-Des Moines Road to Tacoma Dome

Project Number	S132
Subarea	South King
Primary Mode Impacted	Link
Facility Type	Link Service
Version Number	1.0
Date Last Modified	5/27/2007

Project Locator Map



Short Project Description

Complete environmental reviews and preliminary engineering for extending light rail from Kent-Des Moines Road (Highline Community College vicinity) to Tacoma Dome Station.

Project Purpose: to establish the preferred route and expedite construction in a future phase of Sound Transit system development.

Cost and Schedule

Cost (in Millions of 2007\$)

Schedule

	Low	High
Agency Admin	\$0.0	\$0.0
Environmental Clearance and PE	\$72.0	\$72.0
Final Design, Specs, Permitting	\$0.0	\$0.0
ROW Acquisition	\$0.0	\$0.0
Construction	\$0.0	\$0.0
Vehicles	\$0.0	\$0.0
Contingency	\$0.0	\$0.0
Total	\$72.0	\$72.0

Proposed Schedule Not Yet Developed

Design Basis

Conceptual

Environmental Documentation Required

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

Relationships to Other Projects

Relationship	Project
Impacts	S130, S131
Impacted by	S25, S16

Project Partners

WSDOT
Utilities
Cities of Kent, Des Moines, and Federal Way
FTA
FHWA
King County Metro

Link LRT: Preliminary Engineering and Environmental Analysis from Kent-Des Moines Road to Tacoma Dome

Long Description

Description:

This project would complete environmental reviews and preliminary engineering for extending light rail from Kent-Des Moines Road (Highline Community College vicinity) to Tacoma Dome Station to establish the preferred route and expedite construction in a future phase of Sound Transit system development.

Estimated costs reflect an approximately 17-mile segment from Kent-Des Moines Road to Tacoma Dome Station.

Project Elements Included:

- Conduct alternatives screening
- Complete environmental reviews assuming current NEPA/SEPA process requirements, including scoping, draft and final environmental impact statements, and record of decision
- Perform conceptual engineering for DEIS alternatives
- Perform preliminary engineering for the preferred alternative
- Prepare project definition and budget to support a potential future ballot measure to fund final design and construction

Utilities:

- none

Right-of-Way and Property Acquisition:

- none

Mitigation:

- none

Exclusions:

- Any light rail construction

Permits Required:

- none

Agreements Required:

- none

ST has developed scope definitions for ST2 project proposals for the purposes of developing cost estimates, implementation schedules, 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	\$72.0	in Millions of 2006\$
Annual Operating Cost	\$0.0	
Travel Time & Reliability	N/A	
Connectivity & Integration	N/A	
Land Use & Development	High	
Customer Experience	N/A	
Risk Avoidance	High	

Link LRT: Preliminary Engineering and Environmental Analysis from Kent-Des Moines Road to Tacoma Dome

Key Issues and Benefits

Issues:

- If the project is performed too far in advance of final design and construction (which would require approval of a future phase ballot proposal) there is a risk that much or all of it would have to be re-done to reflect changed conditions and regulations. This could delay some rights-of-way preservation/acquisition activity performed under other projects. Performing the planning/engineering project later in the ST2 program could minimize this risk.

Benefits:

- Completes necessary environmental and engineering to allow quicker progression to final design and construction in a future phase.
- Preserves opportunity to seek future federal funding for construction.
- Completing this work would strengthen current cost estimates and establish a baseline scope and cost.