

RESOLUTION NO. R2014-14

Baseline budget and schedule, approve Gates 4 and 5 of Phase Gate process for the Sounder Yard Expansion Project

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	08/14/2014	Recommendation to Board	Ahmad Fazel, DECM Executive Director
Board	08/28/2014	Final Action	Eric Beckman, Deputy Executive Director – Business and Construction Services

PROPOSED ACTION

(1) Adopts the Sounder Yard Expansion Baseline schedule and budget by a) establishing the Baseline Cost estimate at \$20,550,000 funded by the Sounder Yard and Shops project, b) amending the adopted 2014 Lifetime Budget from \$5,422,000 to \$20,550,000, c) amending the adopted 2014 Annual Budget from \$1,695,000 to \$2,169,000; and (2) approves Gate 4: Enter Final Design and Gate 5: Establish Baseline within Sound Transit’s Phase Gate process, adopting December 31, 2016 as the project completion milestone.

KEY FEATURES SUMMARY

- This action adopts the baseline schedule and budget for the Sounder Yard Expansion project.
- The Century Yard in Lakewood will be expanded to store new fleet necessary for additional Sounder service provided for in the ST2 plan.
- The Sounder Yard Expansion project will increase storage track capacity, storing up to seven, eight-car train sets and construct a permanent train crew facility to replace off site leased space.
- This budget amendment provides the necessary funding for future Board consideration to award a design-build contract for the capital improvements.

BACKGROUND

In 2013, the Sound Transit Board created the Sounder Yard Expansion project by reallocating \$835,000 budget from the Sounder Yard and Shops Facility project.

The Sounder Yard Expansion project will increase track capacity at the Century Yard in Lakewood. Improvements will be compatible with the future Sounder Yard and Shops Facility project that is currently in preliminary design.

The scope of the expansion project includes constructing additional track and modifying signals, completing drainage improvements, and increasing wayside power and yard lighting, a Train and Engine Crew (T&E) building and grade level parking.

The Sounder Yard Expansion preliminary engineering work was completed at the end of 2013. The preliminary engineering consultant, Parsons Brinkerhoff, has been working on the completion of the design-build bridging documents and providing bidding assistance. Staff has completed our application for Washington State Project Review Committee (PRC) approval to use design-build as our preferred delivery method.

Environmental review for the Sounder Yard Expansion project was completed with the State Environmental Policy Act (SEPA) Checklist and Determination of Non-Significance (DNS) was issued

November 8, 2013. The Federal Transit Administration approved a National Environmental Policy Act (NEPA) Documented Categorical Exclusion on October 28, 2013.

PROJECT STATUS in SOUND TRANSIT'S PHASE/GATE PROCESS

Phase I: Project Identification	Phase II: Alternatives Identification	Phase III: Conceptual Engineering	Phase IV: Preliminary Engineering	Phase V: Final Design	Phase VI: Construction
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Completion Date for Preliminary Engineering: December 2013
 Project scope, schedule and budget summary located on page 108 of the December 2013 Agency Progress Report.

FISCAL INFORMATION

In 2013, the Board created the Sounder Yard Expansion project with a Lifetime Budget and Annual Budget of \$835,000. In May 2014, the Board increased the Lifetime Budget to \$5,422,000 and the Annual Budget to \$1,695,000 for costs related to creating program requirements, updating plans and reports for design-build procurement, and for construction management services.

This action establishes the Baseline Cost Estimate for the Sounder Yard Expansion project and amends the 2014 Annual and Lifetime Budgets to provide funding to complete the work necessary for future Board consideration to award a design-build contract for the capital improvements.

The Sounder Yard Expansion project is funded by a corresponding reduction in the ST2 cost estimate for the Sounder Yard and Shops project.

Overview of Amendments

- Amends the current budget for fiscal year 2014 from \$1,695,000 to \$2,169,000 by a net increase of \$474,000.
- Amends the current 2014 Lifetime Budget from \$5,422,000 to \$20,550,000 by a net increase of \$15,128,000.

BUDGET AMENDMENT

Sounder Yard Expansion Phase	2014 Annual Budget			Lifetime Budget		
	Adopted 2014 Project Budget	This Action	Revised Project Budget	Adopted 2014 Project Budget	This Action	Revised Project Budget
Agency Administration	\$ 250	\$ (21)	\$ 230	\$ 345	\$ 855	\$ 1,200
Preliminary Engineering	\$ 945	\$ 296	\$ 1,241	\$ 2,277	\$ (127)	\$ 2,150
Final Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Right of Way	\$ 400	\$ (31)	\$ 369	\$ 400	\$ -	\$ 400
Construction	\$ -	\$ 248	\$ 248	\$ -	\$ 15,400	\$ 15,400
Construction Services	\$ 100	\$ (18)	\$ 82	\$ 2,400	\$ (1,000)	\$ 1,400
Third Party Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,695	\$ 474	\$ 2,169	\$ 5,422	\$ 15,128	\$ 20,550

Notes:
 Amounts are expressed in Year of Expenditure \$000.
 The project budget is located on page 52 of 198 the Adopted 2014 Transit Improvement Plan (TIP).

SMALL BUSINESS/DBE PARTICIPATION

Not applicable to this action.

PUBLIC INVOLVEMENT

Not applicable to this action.

TIME CONSTRAINTS

A one-month delay would impact the project by delaying procurement and construction activities.

PRIOR BOARD/COMMITTEE ACTIONS

Resolution No. R2014-07: (1) Amending the Adopted 2014 Lifetime Budget for the Sounder Yard Expansion project from \$835,000 to \$5,422,000 for costs related to creating program requirements, updating plans and reports for design-build procurement, and construction management services, and (2) amending the Adopted 2014 Annual Budget from \$0 to \$1,695,000.

Motion No. M2014-31: Authorizing the chief executive officer to execute a contract amendment with Parsons Brinckerhoff, Inc. to complete program requirements and related documents for a design-build procurement for the Sounder Yard Expansion project in the amount of \$1,224,755, with a 10% contingency of \$122,476, for a new total contract amount not to exceed \$4,141,291, contingent upon Board approval of Resolution No. R2014-07 to amend the project budget.

ENVIRONMENTAL REVIEW

JI 8/11/2014

LEGAL REVIEW

JW 8/11/2014

RESOLUTION NO. R2014-14

A RESOLUTION of the Board of the Central Puget Sound Regional Transit Authority (1) Adopting the Sounder Yard Expansion Baseline schedule and budget by a) establishing the Baseline Cost estimate at \$20,550,000 funded by the Sounder Yard and Shops project, b) amending the adopted 2014 Lifetime Budget from \$5,422,000 to \$20,550,000, c) amending the adopted 2014 Annual Budget from \$1,695,000 to \$2,169,000; and (2) approving Gate 4: Enter Final Design and Gate 5: Establish Baseline within Sound Transit's Phase Gate process, and (3) adopting December 31, 2016 as the project completion milestone.

WHEREAS, the Central Puget Sound Regional Transit Authority, commonly known as Sound Transit, was formed under RCW Chapters 81.104 and 81.112 for the Pierce, King, and Snohomish Counties region by action of their respective county councils pursuant to RCW 81.112.030; and

WHEREAS, Sound Transit is authorized to plan, construct, and permanently operate a high-capacity system of transportation infrastructure and services to meet regional public transportation needs in the Central Puget Sound region; and

WHEREAS, in general elections held within the Central Puget Sound Regional Transit Authority district on November 5, 1996 and November 4, 2008, voters approved local funding to implement a regional high-capacity transportation system for the Central Puget Sound region; and

WHEREAS, the Sounder Yard and Shops Facility was included in the voter-approved Sound Transit 2 plan and in the 2013 Transit Improvement Plan; and

WHEREAS, Resolution No. R2013-13 created the Sounder Yard Expansion project at the Lakewood Layover to provide the fleet storage capacity necessary to accommodate additional Sounder South service while the Sounder Yard and Shops Facility is further evaluated; and

WHEREAS, Resolution No. R2013-13 also established the Sounder Yard Expansion project Lifetime and Annual Budgets of \$835,000 by amending the Sounder Yard and Shops Facility project, and approved Gates 1 and 3 within Sound Transit's Phase Gate process on March 28, 2013; and

WHEREAS, Resolution No. R2014-07 amended the Adopted 2014 Lifetime Budget for the Sounder Yard Expansion project from \$835,000 to \$5,422,000 for costs related to creating program requirements, updating plans and reports for design-build procurement, and construction management services; and

WHEREAS, in accordance with Sound Transit's Phase Gate process, all requirements necessary to pass through Gate 4: Enter Final Design, Gate 5: Establish project baseline schedule and budget, have been met.

NOW, THEREFORE, BE IT RESOLVED by the Board of the Central Puget Sound Regional Transit Authority that (1) the Sounder Yard Expansion project baseline budget is adopted by (a) establishing the Baseline Cost estimate at \$20,550,000 funded by the Sounder Yard and Shops project, (b) amending the adopted 2014 Lifetime Budget from \$5,422,000 to \$20,550,000, and (c) amending the adopted 2014 Annual Budget from \$1,695,000 to \$2,169,000, (2) Gate 4: Enter Final Design and Gate 5: Establish Baseline of Sound Transit's Phase Gate process are approved; and (3) the schedule and project completion milestone of December 31, 2016 is established.

ADOPTED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on August 28, 2014.



Dow Constantine
Board Chair

ATTEST:



Marcia Walker
Board Administrator

PHASE GATE ACTION
Sounder Yard Expansion Project

MEETING	DATE	STAFF CONTACT
Board	8/28/14	Ahmad Fazel, DECM Executive Director Eric Beckman, Deputy Executive Director – Business and Construction Services

GATE 1	GATE 2	GATE 3	GATE 4	GATE 5	GATE 6	GATE 7	GATE 8
Enter Project Development	Identify Alternatives	ID Preferred Alternative	Enter Final Design	Establish Baseline	Proceed to Construction	Transition to Operations	Close Out Project

ACTION REQUESTED

Approve Phase Gates 4 and 5 for the Sounder Yard Expansion Project.

PROJECT BUDGET

Baseline Budget: \$ 20,500,000
 Estimated Final Project Cost: \$ 20,500,000

PROJECT SCHEDULE

Project Completion: September 2016

PROJECT DESCRIPTION

The Sounder Yard and Shops Facility was included in the voter-approved ST2 plan and in the 2013 Transit Improvement Plan (TIP). The Board has authorized preliminary tasks under this contract including identification of Sounder Yard and Shop facility requirements and potential facility locations, and development of environmental documentation. A number of candidate sites/development options for a Yard and Shops facility were identified and screened including the expansion of the existing Lakewood Layover facility.

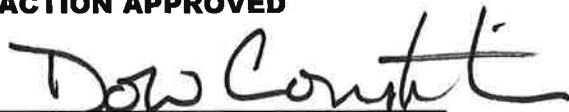
In 2013, the Sound Transit Board created the Sounder Yard Expansion project by reallocating budget from the Sounder Yard and Shops Facility project. The Sounder Yard Expansion project will increase track capacity at the Lakewood Layover to provide train storage while the Sounder Yard and Shops Facility project is further evaluated. The additional storage capacity is required to operate additional Sounder service in 2016 and would need to be constructed prior to a decision on moving forward with the Sounder Yard and Shops project. By creating a separate project, Sound Transit is able to track the level of effort in design and construction activities separate from the Sounder Yard and Shops Project.

The scope of the expansion project includes constructing additional track and modifying signals, completing drainage improvements, and increasing electrical power to accommodate additional wayside power and yard lighting, additional buildings and grade level parking. Improvements made as part of this expansion will be incorporated into a yard and shops facility if the Lakewood Layover site is selected for development of the larger Sounder Yard and Shops Facility project.

The Sounder Yard Expansion preliminary engineering work was completed at the end of 2013. Parsons Brinkerhoff has been working on the completion of the design build bridging documents and staff has completed our application for PRC approval to use design build as our preferred delivery method.

Environmental review for the Sounder Yard Expansion project is complete. A SEPA Checklist and Determination of Non-Significance was issued November 8, 2013. The Federal Transit Administration approved a National Environmental Policy Act Documented Categorical Exclusion on October 28, 2013.

ACTION APPROVED


 Dow Constantine
 Board Chair

August 28, 2014
 Date