

**SOUND TRANSIT  
STAFF REPORT**

**MOTION NO. M2009-29**

**M Street-to-Lakewood Track and Signal Project Construction Contract**

<b>Meeting:</b>	<b>Date:</b>	<b>Type of Action:</b>	<b>Staff Contact:</b>	<b>Phone:</b>
Finance Committee	4/16/09	Discussion/Possible Action to Recommend Board Approval	Jim Edwards, Director Capital Projects	(206) 398-5436
Board	4/23/09	Action	Carol Rhodes, Construction Manager <b>Jerry Dahl, Project Manager</b>	(206) 398-5056  (206) 398-5284

<b>Contract/Agreement Type:</b>	✓	<b>Requested Action:</b>	✓
Competitive Procurement	✓	Execute New Contract/Agreement	✓
Sole Source		Amend Existing Contract/Agreement	
Agreement with Other Jurisdiction(s)		Budget Amendment	
Real Estate		Property Acquisition	

**PROJECT NAME**

M Street-to-Lakewood Track and Signal Project

**PROPOSED ACTION**

Authorizes the chief executive officer to execute a contract with Railworks Track Systems, Inc. to provide construction services for the M Street-to-Lakewood Track and Signal project in the amount of \$33,983,334 with a 10% contingency of \$3,398,333 for a total authorized contract amount not to exceed \$37,381,667.

**KEY FEATURES of PROPOSED ACTION**

- The M-to-Lakewood Track and Signal Project includes upgrading a seven-mile segment of the Lakeview Subdivision rail corridor owned by Sound Transit.
- The proposed action will execute a contract with Railworks Track Systems, Inc., the lowest responsive bidder, to provide the following construction improvements:
  - Upgrade seven miles of existing railroad track between the cities of Tacoma and Lakewood.
  - Construct new layover tracks in Lakewood.
  - Upgrade nine grade crossings in Tacoma and four grade crossings in Lakewood.

**BUDGET IMPACT SUMMARY**

Current Project Phase:           Construction  
Projected Completion Date:       2010

There is no action outside of the Board-adopted budget; there are no contingency funds required, no subarea impacts, or funding required from other parties other than what is already assumed in the financial plan.

**BUDGET and FINANCIAL PLAN DISCUSSION**

The Adopted 2009 Budget for the M Street-to-Lakewood Track and Signal project is \$78,630,326 with a construction phase budget of \$45,564,089. The proposed action is to execute a contract for construction with Railworks Track Systems, Inc. in the amount of \$37,381,667. The proposed action will leave a construction phase balance of \$1,394,444 and a project balance of \$5,232,379.

There are sufficient funds to complete this action within the project budget. Committing these funds will not endanger any other project elements that are to be funded out of the overall project.

**BUDGET TABLE**

Summary for Board Action (Year of Expenditure \$000)

Project: 130 - M Street - Lakewood Track & Signal

	2009 Board Adopted Budget <sup>1</sup> (A)	Committed To Date <sup>2</sup> (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
1 Agency Administration	\$ 3,675	\$ 3,675	\$ -	\$ 3,675	\$ -
2 Preliminary Engineering	\$ 1,497	\$ 1,500	\$ -	\$ 1,500	\$ (4)
3 Final Design	\$ 3,776	\$ 2,928	\$ -	\$ 2,928	\$ 848
4 Right of Way	\$ 12,187	\$ 12,172	\$ -	\$ 12,172	\$ 14
5 Construction	\$ 45,564	\$ 6,788	\$ 37,382	\$ 44,170	\$ 1,394
6 Vehicles	\$ 8,953	\$ 8,953	\$ -	\$ 8,953	\$ 1
7 Contingency	\$ 2,979	\$ -	\$ -	\$ -	\$ 2,979
8 Total Current Budget	\$ 78,630	\$ 36,016	\$ 37,382	\$ 73,398	\$ 5,232

Phase Budget Detail

9 Construction	\$ 45,564	\$ 6,788	\$ 37,382	\$ 44,170	\$ 1,394
10 Misc. Activity	\$ -	\$ -	\$ -	\$ -	\$ -
11 Total Phase	\$ 45,564	\$ 6,788	\$ 37,382	\$ 44,170	\$ 1,394

Contract Budget	Current Approved Contract Value <sup>3</sup> (F)	Committed To Date <sup>2</sup> (G)	Proposed Action (H)	Proposed Total Contract Value (I)
12 Railworks Track Systems, Inc.			\$ 33,983	\$ 33,983
13 Contingency			\$ 3,398	\$ 3,398
14 Total	\$ -	\$ -	\$ 37,382	\$ 37,382
15 Percent Contingency	0%	0%	10%	10%

Notes:

<sup>1</sup> Project budget is located on page 121 of the Proposed 2009 Budget book. The 2009 Budget was adopted by the Board on December 11, 2008.

<sup>2</sup> Committed to date amount includes actual outlays and commitments through February 28, 2009, and another staff report for amending the HDR contract increasing it by \$525K.

**SMALL BUSINESS PARTICIPATION**

Prime Consultant/Contractor

Railworks Track Systems, Inc. is the prime contractor for this contract. Railworks committed to an 18.47% small business goal.

Utilization Breakdown Table

<b>Subconsultant/Subcontractor</b>	<b>Business Type</b>	<b>% of Work</b>	<b>Dollar Value</b>
Midvale Electric Co	Small Business	13.92	\$4,732,000
Dan Fisher Productions	Small Business	.026	\$9,000
Quality Fence Builders	Small Business	.185	\$63,000
N.W. Protective	Small Business	.147	\$50,000
Salinas Sawing and Sealing	MBE	.09	\$30,000
PR Systems, Inc	Small Business	.147	\$50,000
Transportation Systems, Inc.	Small Business	2.48	\$841,739
Washington Rock Quarries	Small Business	1.48	\$502,509
<b>Total</b>		<b>18.47%</b>	<b>\$6,278,248</b>

Equal Employment Workforce Profile

Railworks Track Systems, Inc. workforce demographics are 4% women and 28% minorities.

Apprentice Utilization Commitment

Railworks Track Systems, Inc. is committed to hiring apprentices for 20% of all labor hours.

**PROJECT DESCRIPTION and BACKGROUND for PROPOSED ACTION**

The M Street-to-Lakewood Track and Signal Project will upgrade an existing seven-mile rail segment between Tacoma and Lakewood in order to extend and operate Sounder commuter rail service. The project includes upgrading the existing track segment, constructing new layover tracks and upgrade 13 existing grade crossings with new activated railroad warning signals and gates. In addition the project will construct a portion of the WSDOT's Pt. Defiance By-Pass Track and Signal Project track improvements on the grade crossings from 74<sup>th</sup> Street in Tacoma to Bridgeport Way in Lakewood. WSDOT will agree to fund an amount not-to-exceed \$9,500,000 for Sound Transit to construct a portion of the track and signal improvements of the Pt. Defiance By-Pass between 66<sup>th</sup> Street in Tacoma and Bridgeport Way in Lakewood.

NEPA and SEPA environmental documentation has been completed for the M Street to Lakewood project. This includes a Final NEPA/SEPA Environmental Impact Statement (May 2002), and a NEPA Reevaluation (December 2006; approved by FTA February 21, 2007).

Sound Transit will be extending Sounder commuter rail service from Tacoma to Lakewood. The M Street-to-Lakewood Track and Signal Project is one of two track projects that will need to be completed before Sound Transit is able to operate service to and from Lakewood. The other Sound Transit track project is D-to-M Street Track and Signal which is scheduled to begin construction in 2010 on the remaining 1.2 mile track segment in Tacoma that will connect to the M Street-to-Lakewood Track & Signal Project.

A pre-qualification process identified three contractors qualified to perform this track and signal work. These firms were Railworks Track Systems, Inc., Stacey and Whitbeck, and Balfour Beatty Rail, each of which was invited to submit bids for the construction contract through the standard Sound Transit invitation to bid process. The lowest responsive, responsible bid was Railworks Track Systems, Inc. at \$33,983,334, the engineer's estimate was \$37,413,032.

Sound Transit Contracts Division has evaluated the low bid and has found the bidder to be responsive and responsible.

**CONSEQUENCES of DELAY**

A delay of two weeks in the approval of this action does not have any significant impacts.

**PUBLIC INVOLVEMENT**

Not applicable to this action.

**ENVIRONMENTAL COMPLIANCE**

SSK 3/31/09

**LEGAL REVIEW**

JW 4/9/09

## **SOUND TRANSIT**

### **MOTION NO. M2009-29**

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with Railworks Track Systems, Inc. to provide construction services for the M Street-to-Lakewood Track and Signal project in the amount of \$33,983,334 with a 10% contingency of \$3,398,333 for a total authorized contract amount not to exceed \$37,381,667.

#### **Background:**

The M Street-to-Lakewood Track and Signal Project will upgrade an existing seven-mile rail segment between Tacoma and Lakewood in order to extend and operate Sounder commuter rail service. The project includes upgrading the existing track segment, constructing new layover tracks and upgrade 13 existing grade crossings with new activated railroad warning signals and gates. In addition the project will construct a portion of the WSDOT's Pt. Defiance By-Pass Track and Signal Project track improvements on the grade crossings from 74<sup>th</sup> Street in Tacoma to Bridgeport Way in Lakewood. WSDOT will agree to fund an amount not-to-exceed \$9,500,000 for Sound Transit to construct a portion of the track and signal improvements of the Pt. Defiance By-Pass between 66<sup>th</sup> Street in Tacoma and Bridgeport Way in Lakewood.

NEPA and SEPA environmental documentation has been completed for the M Street to Lakewood project. This includes a Final NEPA/SEPA Environmental Impact Statement (May 2002), and a NEPA Reevaluation (December 2006; approved by FTA February 21, 2007).

Sound Transit will be extending Sounder commuter rail service from Tacoma to Lakewood. The M Street-to-Lakewood Track and Signal Project is one of two track projects that will need to be completed before Sound Transit is able to operate service to and from Lakewood. The other Sound Transit track project is D-to-M Street Track and Signal which is scheduled to begin construction in 2010 on the remaining 1.2 mile track segment in Tacoma that will connect to the M Street-to-Lakewood Track & Signal Project.

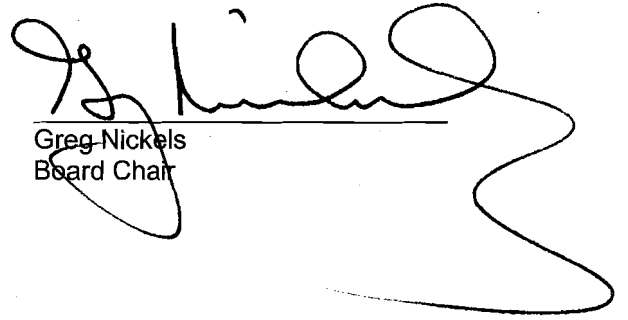
A pre-qualification process identified three contractors qualified to perform this track and signal work. These firms were Railworks Track Systems, Inc., Stacey and Whitbeck, and Balfour Beatty Rail, each of which was invited to submit bids for the construction contract through the standard Sound Transit invitation to bid process. The lowest responsive, responsible bid was Railworks Track Systems, Inc. at \$33,983,334, the engineer's estimate was \$37,413,032.

Sound Transit Contracts Division has evaluated the low bid and has found the bidder to be responsive and responsible.

#### **Motion:**


It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with Railworks Track Systems, Inc. to provide construction services for the M Street-to-Lakewood Track and Signal project in the amount of \$33,983,334 with a 10% contingency of \$3,398,333 for a total authorized contract amount not to exceed \$37,381,667.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 23, 2009.



Greg Nickels  
Board Chair

ATTEST:



Marcia Walker  
Board Administrator