

July 6, 2015

## CITY COUNCIL AGENDA MEMORANDUM

### **SUBJECT:**

Resolution No. 8942, authorizing execution of Amendment #1 to the Professional Engineering Services Agreement with HNTB Corporation, increasing the total contract amount from \$186,189.27 to \$266,651.59 for structural engineering design services for walls and railings on the proposed Mountains to Sound Greenway Trail along the north side of SE 36<sup>th</sup> Street from Factoria Boulevard SE to the vicinity of 150<sup>th</sup> Avenue SE for the Mountains to Sound Greenway Project (CIP Plan No. PW-W/B-78).

### **FISCAL IMPACT:**

This action obligates the City to increase the contract for the Professional Engineering Services Agreement with HNTB Corporation by \$80,462.32 from \$186,189.27 to \$266,651.59 to design the structural walls for the proposed Mountains to Sound Greenway Trail along the north side of SE 36<sup>th</sup> Street from Factoria Boulevard SE to the vicinity of 150<sup>th</sup> Avenue SE.

<b>Consultant Agreement with Jacobs Engineering Group, Inc.</b>			
Original Agreement	Structural Design	Resolution No. 8220	\$186,189.27
Amendment #1	Structural Design	Tonight's Action	80,462.32
		<b>Total Amended Agreement</b>	<b>\$266,651.59</b>

The design for this section of the trail project is partially funded by a \$470,000 federal Transportation Alternatives Program (TAP) grant, previously accepted by Council on July 7, 2014 (Ordinance No. 6165), which includes a 13.5 percent matching fund requirement. Sufficient funds exist in the 2015-2021 Capital Investment Program (CIP Plan No. PW-W/B-78) to fully fund the agreement and to meet the grant matching fund requirement.

### **STAFF CONTACT:**

Dave Berg, Director, 452-6468  
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Mike Mattar, Design Division Manager, 452-4318  
Chris Masek, Senior Project Manager, 452-4619  
*Transportation Department*

### **POLICY CONSIDERATION:**

#### **Comprehensive Plan:**

- Policy TR-24. Incorporate pedestrian and bicycle facility improvements into roadway projects, and incorporate transit/high-occupancy vehicle improvements where feasible.
- Policy TR-46. Maintain and enhance safety for all users of the roadway network.
- Policy TR-76. Promote and facilitate the effective user of non-motorized transportation.
- Policy TR-77. Consider pedestrians and bicycles along with other travel modes in all aspects of developing the transportation system.
- Policy TR-78. Implement the Pedestrian and Bicycle Transportation Plan by designing and constructing a safe and connective non-motorized transportation system.

**BACKGROUND:**

The Mountains to Sound Greenway Trust was organized in 1991 to set aside from urbanization the forested corridor of I-90 from Seattle through the Cascade Mountains so that current and future generations could always enjoy the scenic, recreational, and historic qualities/amenities along the 100-mile corridor. The Trust's success in conserving more than 130,000 acres of scenic and recreational lands led to the designation of the Mountains to Sound Greenway as a National Scenic Byway in 1998.

The trail design will typically include a 12-foot-wide, hard surface cross-section. Various trail corridor segments will include additional design elements that may include trailhead treatments, way-finding and signage, planted roadway medians, street trees, and/or landscaped trail buffers, bridges, crosswalks, and mid-block crossings; lighting, trail furniture, and public art, and natural storm drainage practices. Work on the design began in January 2013 and will be finished in 2015. There are currently no funds available for construction. The completion of the design work will make the project more competitive for grants to fund the construction phase.

On December 8, 2014, Council approved Resolution No. 8847 authorizing execution of a consultant agreement with HNTB Corporation, to complete the structural design work for the Mountains to Sound Greenway Trail between Factoria Blvd SE and 150 Ave SE (CIP Plan No. PW-W/B-78). The structural design work includes the design of structural walls, railings and an undercrossing of the 142<sup>nd</sup> Place SE bridge, that will require structural engineering expertise and professional licensing.

After completing soil investigations and researching the existing walls, it was determined that additional engineering would be required beyond the original scope of this contract. The additional engineering includes using a different type of wall that was not originally scoped in the contract and using light weight fill in areas on top of existing WSDOT walls. Approval of this amendment will allow the the Structural work on this project to be completed through full design.

**Previous related actions by Council:**

On March 24, 2008, staff presented a Management Brief on the partnership with the Mountains to Sound Greenway Trust indicating an intent to apply for a grant from the National Scenic Byways program for a Feasibility and Design study for the three-mile long gap in the Mountains to Sound Greenway regional trail that runs adjacent to I-90 within the Eastgate area of Bellevue.

On September 6, 2011 Council accepted a \$158,312 federal grant (Ordinance No. 6017) for a Feasibility and Design study on the three-mile Mountains to Sound Greenway regional trail alignment through the Eastgate/I-90 area. The study was completed in December 2012 and included public outreach, conceptual engineering work, and development of an implementation strategy to complete an alternatives analysis for the alignment selected by the Eastgate/I-90 Land Use and Transportation Plan Technical Advisory Committee in 2011.

On December 3, 2012 Council adopted the 2013-2019 CIP Plan which includes the Mountains to Sound Greenway Project (CIP Plan No. PW-W/B-78) as part of Ordinance No. 6089. The project is designed to bring segments of the missing trail to the 60% design level.

On July 7, 2014 Council accepted a \$470,000 federal Transportation Alternatives Program (TAP) grant (Ordinance No. 6165) administered by the Washington State Department of Transportation (WSDOT) to complete the design of this section of the trail to 100% Design.

**EFFECTIVE DATE:**

If approved, this Resolution becomes effective immediately upon Council adoption.

**OPTIONS:**

1. Approve the Resolution authorizing execution of Amendment #1 Professional Engineering Services Agreement with HNTB Corporation increasing the total contract amount from \$186,189.27 to \$266,651.59 for structural engineering design services for walls and railings on the proposed Mountains to Sound Greenway Trail along the north side of SE 36<sup>th</sup> Street from Factoria Boulevard SE to the vicinity of 150<sup>th</sup> Avenue SE for the Mountains to Sound Greenway Project (CIP Plan No. PW-W/B-78).
2. Do not approve the Resolution and provide alternative direction to staff.

**RECOMMENDATION:**

Option 1.

**MOTION:**

Move to approve Resolution No. 8942, authorizing execution of Amendment #1 Professional Engineering Services Agreement with HNTB Corporation increasing the total contract amount from \$186,189.27 to \$266,651.59 for structural engineering design services for walls and railings on the proposed Mountains to Sound Greenway Trail along the north side of SE 36<sup>th</sup> Street from Factoria Boulevard SE to the vicinity of 150<sup>th</sup> Avenue SE for the Mountains to Sound Greenway Project (CIP Plan No. PW-W/B-78).

**ATTACHMENTS:**

Vicinity Map

CIP Project Description (PW-W/B-78)

Proposed Resolution

**AVAILABLE IN COUNCIL DOCUMENT LIBRARY:**

Scope of Work