

## CITY COUNCIL AGENDA MEMORANDUM

### **SUBJECT:**

Resolution No. 8907 authorizing execution of a Professional Engineering Services Agreement with HDR Engineering, Inc. in the amount of \$2,232,326 to complete Final Engineering Design Plans, Specifications, and Estimates (PS&E) for the planned NE Spring Boulevard roadway improvements between 116th Avenue NE and 120th Avenue NE (CIP Plan No. PW-R-172), and between 120th Avenue NE and 124th Avenue NE (CIP Plan No. PW-R-173).

### **FISCAL IMPACT:**

This action obligates the City to the maximum amount of \$2,232,326 for Professional Engineering Services and development of final engineering PS&E. This effort will build upon the previously completed 60% design effort, which developed preliminary engineering for the overall corridor and concluded in 2014.

This agreement is fully funded by a federal Surface Transportation Program (STP) grant (and required local match) awarded to complete design for the overall corridor from 116<sup>th</sup> Avenue NE to 124<sup>th</sup> Avenue NE and is budgeted in the 2015-2021 Capital Investment Program budget. The funding for this agreement by project is illustrated in the table below.

<b>CIP Plan No.</b>	<b>Project Title</b>	<b>Amount</b>
PW-R-172	NE Spring Boulevard - 116th Ave NE to 120th Ave NE (Zone 1)	\$1,401,438.00
PW-R-173	NE Spring Boulevard - 120th Ave NE to 124th Ave NE (Zone 2)	830,888.00
	Total	<u>\$2,232,326.00</u>

### **STAFF CONTACT:**

David Berg, Director, 452-6468  
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*Transportation Department*

### **POLICY CONSIDERATION:**

Council-adopted plans, including Capital Investment Program (CIP), Transportation Facilities Plans (TFP), and Subarea Transportation priorities within the City's Comprehensive Plan:

#### Overall:

- S-BR-4: Developing and implementing a phased approach so that transportation, open space, and other infrastructure is in place or committed to serve the needs of growth.

#### Urban Design:

- S-BR-25: Providing a strong consideration of urban places, character, and aesthetics in the design and implementation of all street projects.

#### Environment:

- S-BR-26: Protecting and enhancing wetlands.

- S-BR-30: Considering the coordination of storm water mitigation as an effective means to achieve broader environmental benefits.

Transportation:

- S-BR-52: Incorporating natural drainage practices to enhance the natural environment into transportation projects where appropriate, effective, and feasible.
- S-BR-59: Designing arterials in a manner contributing to community character, open-space, and environmental enhancements.
- S-BR-62: Including pedestrian and bicycle facilities in the design of arterial street improvements.
- S-BR-68: Working with Sound Transit to realize the City's preferred light rail route, alignment, and station locations.

Implementation:

- S-BR-78: Implementing the Bel-Red Plan through capital investments, and other public and private strategies.
- S-BR-81: Allowing development to advance in sync with and including the building of public infrastructure; consistent with the phasing approach of Policy S-BR-4.

Inter-Jurisdictional Coordination:

- S-BR-I77: Coordinating with Sound Transit in providing transportation projects and services needed.

**BACKGROUND:**

The NE Spring Boulevard roadway improvements between 116th Avenue NE and 120th Avenue NE and between 120th Avenue NE and 124th Avenue NE are part of the broad Bel-Red Plan and Transportation vision of supporting planned growth and economic vitality, improving access and circulation, and capturing synergistic opportunities with Sound Transit's East Link Project.

As part of the 2015-2021 Capital Investment Program (CIP) budget, adopted by Council on December 1, 2014, NE Spring Boulevard between 116th Avenue NE and 120th Avenue NE (CIP Plan No. PW-R-172) was fully funded for the development of final PS&E, the acquisition of necessary Right-of-Way (ROW), and construction. NE Spring Boulevard between 120th Avenue NE and 124th Avenue NE (CIP Plan No. PW-R-173) was funded for development final PS&E at this time.

On February 2, 2015, Council approved Resolution No. 8873 authorizing execution of the necessary grant agreement (and supplements if necessary) with the Washington State Department of Transportation (WSDOT) to accept \$3,000,000 in federal Surface Transportation Program (STP) funding to support the design phase of NE Spring Boulevard (Zones 1 and 2) from 116th Avenue NE to 124th Avenue NE (CIP Plan Nos. PW-R-172 and PW-R-173). As of April 24, 2015, the grant agreement has been fully executed and the funds are formally obligated (the City is authorized to spend and seek reimbursement of the grant funds).

On April 20, 2015, Council approved Resolution No. 8903 amending and restating the Umbrella Memorandum of Understanding (MOU) between the City of Bellevue and Sound Transit. As provided within the MOU, Sound Transit has agreed in principal to the inclusion and construction of NE Spring Boulevard from the Eastside Rail Corridor to 120th Avenue NE at the time of the East Link improvements; provided the final PS&E, ROW acquisition, and all permitting and construction funding are provided by the City. Further, should this occur, a

separate construction agreement will be executed between Sound Transit and the City. This effort will complete final PS&E relative to this overall objective. Construction of the remaining portion of CIP Plan No. PW-R-172, between 116th Avenue NE and the Eastside Rail Corridor, will occur under a separate construction contract led by the City.

Consultation selection for final PS&E:

In accordance with the City's contracting policies and state law, a Request for Proposal (RFP) was issued on February 17, 2015.

At the closure for submittals on March 2, 2015, HDR Engineering was the only firm to submit a proposal. Following review for completeness, qualifications, and the firm's familiarity with key issues, stakeholders; and their having completed the City's 60% engineering design with no areas of concern; in addition to familiarity with Sound Transit engineering plans, adjacent development concepts and plans, HDR Engineering is recommended by staff to complete Final PS&E for the planned NE Spring Boulevard roadway improvements between 116th Avenue NE and 120th Avenue NE (CIP Plan No. PW-R-172), and between 120th Avenue NE and 124th Avenue NE (CIP Plan No. PW-R-173).

Prior Council Actions:

On March 2, 2010, Council approved Ordinance No. 5942 authorizing:

- 1) Amendment of the 2009-2010 Capital Investment Program (CIP), creating a new CIP project entitled NE 15th Street Multi-Modal Corridor (Segment 1) 116th Avenue NE to 124th Avenue NE (CIP Plan No. PW-R-163) with an initial project budget of \$1,000,000;
- 2) Transferring a total of \$1,000,000 in Mobility & Infrastructure Initiative (M&II) funding from CIP Plan No. G-80 to fund the new CIP Plan No. PW-R-163; and,
- 3) Execution of a Professional Engineering Services Agreement with HDR in an amount not to exceed \$1,331,583.58 for advancing preliminary engineering of the NE 15th/16th Street Multi-Modal Corridor, which was funded by both CIP Plan No. PW-R 163 and CIP Plan No. PW-R-153.

As previously discussed with Council, the engineering work was phased, with the initial engineering effort limited to approximately a 5% design level of detail, which, developed typical corridor cross-sections and overall alignment.

Staff completed the initial 5% design, which concluded with staff and the Transportation Commission representative presenting recommendations to Council on June 13, 2011.

On March 4, 2013, Council approved Resolution No. 8534 authorizing execution of a Professional Engineering Services Agreement with HDR Engineering, Inc. in the amount of \$2,108,799 to complete 60% Preliminary Engineering Plans, Specifications, and Estimates (PS&E) for the planned NE 15th Street roadway improvements between 116th Avenue NE and 120th Avenue NE (CIP Plan No. PW-R-172), and improvements between 120th Avenue NE and 124th Avenue NE (CIP Plan No. PW-R-173).

Staff completed the 60% phase of work which included a constructability report that recommended concurrent construction with the Sound Transit portion of NE Spring Boulevard between the Eastside Rail Corridor and 120th Avenue NE (part of CIP Plan No. PW-R-172) that spans over the East Link project. This recommendation reflected:

- Substantial cost savings and a shorter construction duration;
- Operational and significant safety risk with active rail systems;

- Construction staging limitations
- Construction methods would nearly double construction costs.

**EFFECTIVE DATE:**

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

**OPTIONS:**

1. Adopt the Resolution authorizing execution of a Professional Engineering Services Agreement with HDR Engineering, Inc. in the amount of \$2,232,326 to complete Final Engineering Design Plans, Specifications, and Estimates (PS&E) for the planned NE Spring Boulevard roadway improvements between 116th Avenue NE and 120th Avenue NE (CIP Plan No. PW-R-172), and between 120th Avenue NE and 124th Avenue NE (CIP Plan No. PW-R-173).
2. Do not approve the Resolution and provide alternative direction to staff.

**RECOMMENDATION:**

Option 1.

**MOTION:**

Move to approve Resolution No. 8907 authorizing execution of a Professional Engineering Services Agreement with HDR Engineering, Inc. in the amount of \$2,232,326 to complete Final Engineering Design Plans, Specifications, and Estimates (PS&E) for the planned NE Spring Boulevard roadway improvements between 116th Avenue NE and 120th Avenue NE (CIP Plan No. PW-R-172), and between 120th Avenue NE and 124th Avenue NE (CIP Plan No. PW-R-173).

**ATTACHMENTS:**

CIP Project Description (PW-R-172, PW-R-173)  
Proposed Resolution No. 8907

**AVAILABLE IN COUNCIL DOCUMENT LIBRARY:**

Final Draft Professional Services Agreement with HDR Engineering for R-172 & R-173