

March 19, 2018

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT

Resolution authorizing the execution of a Professional Services Agreement with Concord Engineering, in the amount of \$599,888, plus all applicable taxes, to conduct the Eastgate Transportation Study (CIP Plan No. PW-R-198).

The Eastgate Transportation Study will determine the potential transportation system improvements that may be needed to support the established mobility standards and guidelines in the short-term (2024 planning horizon) and in the long-term (2035 planning horizon).

FISCAL IMPACT

This action obligates the city up to \$599,888, plus all applicable taxes, to secure professional services assistance to conduct the Eastgate Transportation Study. Sufficient funds exist to fully fund this contract in the Transportation Levy, Neighborhood Congestion Reduction (PW-R-198).

STAFF CONTACTS

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Transportation Department

POLICY CONSIDERATION

On November 8, 2016, Bellevue voters approved the Neighborhood Safety, Connectivity and Congestion Levy (Proposition 2). Funds from the levy are allocated among five mobility program areas: new sidewalks and trails; neighborhood safety; new bicycle facilities; enhanced technology; reducing neighborhood congestion; sidewalk and trail maintenance.

The Eastgate Transportation Study supports mobility under the Reducing Neighborhood Congestion topic, the intent of which is to fund projects that address and ease congestion for motor vehicles within, near and/or connecting neighborhoods to services to improve access and mobility.

In the Comprehensive Plan (2015), Transportation Element policies that address vehicle congestion and multimodal mobility include the following:

TR-1. Integrate land use and transportation decisions to ensure that the two mutually support the Comprehensive Plan.

TR-2. Strive to reduce congestion and improve mobility.

TR-20. Scope, plan, design, implement, operate, and maintain the multimodal transportation system in a corridor approach within and across Mobility Management Areas.

TR-22. Implement and prioritize transportation system improvements to meet the level-of-service standards, Complete Streets goals, and other mobility targets for all transportation modes, recognizing the range of mobility needs of each corridor and Mobility Management Area.

TR-28. Monitor traffic growth on collector arterials and take measures to keep volumes within reasonable limits.

TR-32. Utilize multimodal level-of-service standards for transportation corridors that reflect the range of available and intended mobility options.

TR-47. Provide an arterial system, and encourage the state to provide a freeway system that together support local and regional mobility and land use plans.

TR-50. Expand arterial capacity in consideration of the multimodal expectations and livability factors for the corridor and neighborhood.

TR-53. Maintain and enhance safety for all users of the roadway network.

TR-104. Incorporate pedestrian and bicycle facilities along with other mobility options in scoping, planning, designing, implementing, operating and maintaining the transportation system.

BACKGROUND

On November 28, 2016, then Mayor Stokes proposed to Council that a traffic study be performed in the Eastgate/I-90 Interchange area along 148th-150th Avenues Southeast to identify near-term and mid-term improvements that could ease traffic congestion in this area. These improvements would be funded through the transportation levy or the Capital Investment Program (CIP). By unanimous vote, Council directed the Transportation Commission prepare a package of short-term congestion reduction projects.

The Mayor also proposed to Council that a more detailed traffic analysis be performed for a broader area in Eastgate, incorporating the findings from the Washington State Department of Transportation (WSDOT) I-90 Peak Use Shoulder Lanes project and any traffic impacts associated with the recently approved Land Use Code amendments to implement the Eastgate/I-90 Land Use and Transportation Plan (Ord 6366 8/7/2017). This Eastgate Transportation Study scope of work implements that requested broader area study.

Regarding the short-term congestion reduction projects on the 148th-150th Avenues Southeast corridor, the Transportation Commission received analysis and project concepts from staff, together with comments from the community, and recommended the following intersection projects that are currently in design.

- Southbound to westbound right turn lane approximately 600 feet long on 150th Avenue Southeast at Newport Way, with a sidewalk on the west side of the street.
- Two elements: a) on southeast 37th Street at 150th Avenue Southeast there would be dual eastbound to southbound right turn lanes from the I-90 off-ramp; and b) a full-block westbound to southbound turn pocket.
- Continuous southbound right turn lane on 150th Avenue Southeast from 300 feet north of southeast 37th Street to southeast 38th Street and would lengthen the southbound left-turn pocket to 300-feet.

Eastgate Transportation Study Area

Complete Streets policy and Multimodal Level of Service standards and guidelines identify that a corridor approach to mobility is appropriate and that all modes are considered to provide reasonable mobility options for all trip purposes. Adopted vehicle level-of-service metrics are the principal factors that will be considered in this analysis of vehicle congestion and in preparing project recommendations. The analysis will also consider and include potential projects to improve mobility for transit riders, pedestrians and bicyclists.

Travel demand and traffic operational modeling will be prepared for a short-term planning horizon of about six-years and for a longer-range plan looking out to 2035. Current land use forecasts and the reasonably foreseeable transportation network will be used, guided by the assumptions embedded in the Wilburton Commercial Area Study. These are documented in a Draft Environmental Impact Statement released on February 1.

Much of the modeling work conducted by the Consultant will analyze the operation of signalized intersections within the study area. Attention will be paid to critical AM and PM traffic conditions near the Eastgate park and ride and near major institutions and employers. Staff from the Washington State Department of Transportation will support staff and the Consultant in analysis for potential roundabout treatments at select intersections.

6-Year (2024) Congestion-Reduction

Using information from traffic modeling and analysis, the Consultant will prepare a list of projects intended to provide short-term congestion reduction for intersections and corridors. These projects may include those identified in the Eastgate/I-90 Land Use and Transportation Project (2012) and the 2005 Factoria Area Transportation Study (FATS). The Consultant will document the magnitude and duration of potential congestion reduction, the resulting synergies or compromises with other modes, recommended prioritization and phasing, and cost estimates.

2035 Transportation Analysis

Land use forecasts and reasonably foreseeable transportation system improvements will establish a 2035 baseline transportation model of the Eastgate area transportation system. The Consultant will identify effective and feasible intersection treatments and other corridor travel time/travel speed improvements.

A final report will document criteria used to select and analyze projects and the resulting projected level-of-service for all modes.

Public Engagement

The Bellevue Transportation Commission will be the advisory body for the Eastgate Transportation Study and will ultimately prepare a final report that documents technical analysis, public engagement and project recommendations. The Commission will host several study sessions and one or more public “workshops” to discuss transportation analysis and project concepts for vehicle congestion reduction, and to invite public comment. Study sessions and public workshops will be embedded in the agenda of regularly scheduled Transportation Commission meetings, one or more of which will be held at a venue in the Eastgate area. On-line public engagement will also be established as a means to share information.

Consultant Selection

Following the evaluation of the four consultant firms/teams that responded to the City’s request for qualifications (RFQ), Concord Engineering was selected to conduct the Eastgate Transportation Study.

A notice of the RFQ (RFQ #17116) was published in *The Seattle Times* on October 31 and November 7, 2017. The City also sent out a notice of the RFQ via e-mail to the consulting firms listed on the City’s roster under Professional Services/Architectural and Engineering (A&E).

On November 21, 2017, at the 5:00 pm close of the RFQ period, the following consultant firms submitted qualifications:

1. Concord Engineering, Inc.
2. DKS Associates
3. Fehr & Peers
4. Transpo Group

An interdepartmental City staff selection committee reviewed and ranked all submitted qualifications based on the following evaluation criteria listed in the RFP:

1. Understanding of project context, scope of work, timeline and client needs;
2. Discussion and ideas offered toward critical issues, opportunities and challenges;
3. Qualifications, experience and expertise of the project manager and other key personnel;
4. Relevance of experience of the key staff and of the selected project examples; and
5. Overall quality, clarity, responsiveness and completeness of the submittal.

Upon reviewing and ranking the submittals, each firm was very close and therefore each was offered an interview. During the interviews, each firm provided a brief presentation and responded to a series of questions that they received in advance. Based on the strength of their qualifications and their performance in the interview, Concord Engineering, Inc. was selected. The firm presented a solid and complete skillset, and demonstrated a thorough understanding of project objectives, and the ability to work with staff, the community and the Transportation Commission to conduct a comprehensive technical analysis and prepare a high-quality report.

EFFECTIVE DATE

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

OPTIONS

1. Adopt the Resolution authorizing the execution of a Professional Services Agreement with Concord Engineering, in the amount of \$599,888, plus all applicable taxes, to conduct the Eastgate Transportation Study (CIP Plan No. PW-R-198).
2. Do not adopt the Resolution and provide alternative direction to staff.

RECOMMENDATION

Option 1

MOTION

Motion to Adopt Resolution No. 9385 authorizing the execution of a Professional Services Agreement with Concord Engineering, in the amount of \$599,888, plus all applicable taxes, to conduct the Eastgate Transportation Study (CIP Plan No. PW-R-198).

ATTACHMENTS

Proposed Resolution No. 9385

AVAILABLE IN COUNCIL DOCUMENT LIBRARY

Scope of Work