



CITY OF KIRKLAND
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MEMORANDUM

To: Kurt Triplett, City Manager

From: Julie Underwood, Director of Public Works
Joel Pfundt, Transportation Manager

Date: October 30, 2020

Subject: I-405/NE 132nd STREET INTERCHANGE AGREEMENTS

RECOMMENDATION:

Staff recommends that the City Council approve a resolution authorizing the City Manager to enter into the following two agreements between the City and the Washington State Department of Transportation (WSDOT) in order to complete design and construct the I-405/NE 132nd Street Interchange:

- GCB 3249 Design-Build Cooperative Agreement for Design and Construction of the I-405/NE 132nd Street Interchange
- GCB 2350 Design-Build Cooperative Agreement for the City of Kirkland Project Coordinator for the I-405/NE 132nd Street Interchange Project

BACKGROUND DISCUSSION:

The I-405/NE 132nd Street Interchange project was identified in the [I-405 Corridor Program Environmental Impact Statement](#) as a part of the corridor program's Preferred Alternative. The Final Environmental Impact Statement for the corridor, which was completed by WSDOT in 2002, became the basis for the [I-405 Master Plan](#). The I-405 Master Plan represents a long-term, coordinated list of multimodal projects that are being implemented in the corridor by the WSDOT I-405 Corridor Program in order to move more people safely and efficiently in our growing region and State.

The I-405/NE 132nd Street Interchange project was funded in 2015 by the Washington State Legislature as part of the "Connecting Washington" funding package. The project builds a new half-diamond interchange on I-405 to and from the north at NE 132nd Street, and includes environmental enhancements to Juanita Creek. The Connecting Washington funding package estimated the project cost at \$75 million. WSDOT's stated project goals are to: 1) improve access to the Totem Lake regional growth center, and 2) reduce reliance on the heavily congested NE 124th Street and NE 160th Street interchanges.

Beginning in 2017 and continuing through 2020, the WSDOT I-405 Corridor Program has been involved in alternatives analyses and preliminary engineering, community outreach, environmental documentation and permitting, right-of-way acquisition, and design-build contract development. WSDOT has worked with the City throughout those processes to address community concerns and prepare for the next steps in the project. As part of those processes, to date WSDOT and City staff have provided updates and obtained comments from the City Council at its following Council meetings:

- January 16, 2018: Special Presentation
- March 20, 2018: Study Session
- June 20, 2020: Study Session

Additionally, the City's Transportation Commission was involved and provided valuable guidance early in the project during the critical conceptual design phase. WSDOT and City staff made presentations to the Commission on the following dates:

- February 28, 2018
- May 23, 2018

An important step that the City and WSDOT have been working on together during the past year is to develop two formal agreements that will help facilitate project delivery as WSDOT enters into the design-build contract procurement phase, and then the actual design and construction of the project. The two agreements contain the key elements summarized below.

- **GCB 3249 Design-Build Cooperative Agreement for Design and Construction of the I-405/NE 132nd Street Interchange (see Exhibit A to proposed resolution):**
 - Roles for WSDOT staff, City staff, and WSDOT's design-builder staff;
 - An expedited City review and comment process specifically set up for this project;
 - Project elements will be designed to WSDOT standards, unless they are within City right-of-way or will be turned back to the City at the end of the project. Those project elements will be designed to City standards;
 - Aesthetic treatments will conform with the I-405 Urban Design Criteria;
 - The design-builder will construct two additional 4-inch fiber conduits for the City within the project limits at a fixed cost of \$47,069, which will provide a valuable communication network connection across I-405;
 - The design builder shall analyze all stormwater facilities: WSDOT will be responsible for runoff from project highway facilities, and the City will be responsible for runoff from local streets;
 - WSDOT and the design-builder will coordinate with the City on traffic operations and get approval from the City for traffic control and detour plans on City streets;
 - WSDOT will apply for necessary permits and provide necessary documentation where permits do not apply; and
 - WSDOT and City maintenance responsibilities following completion of the project
- **GCB 2350 Design-Build Cooperative Agreement for the City of Kirkland Project Coordinator for the I-405/NE 132nd Street Interchange Project (see Exhibit B to proposed resolution):**
 - Designated representatives for both the City and WSDOT;

- City’s responsibilities related to the City Project Coordinator, and WSDOT’s I-405 Project Engineer responsibilities;
- Scope of work for the City Project Coordinator; and
- WSDOT agrees to reimburse the City for performance of work by the City’s Project Coordinator related to the project, up to a maximum amount payable of \$202,125 (in the event this amount is exceeded, the agreement can be amended to increase the maximum amount payable)

NEXT STEPS:

Staff recommends approving the proposed resolution that accompanies this staff report.

Budget adjustments related to the actions included in this memo will be reflected in project TRC 0980. This project is included in the 2021-2026 Capital Improvement Program memo also being presented to Council on November 17, 2020.

The City is evaluating whether there is sufficient capacity for a Project Engineer in the Public Works Capital Improvement Program (CIP) Division to serve in the Project Coordinator role. If the work cannot be accommodated by the current staff, the agreement allows the City the option to hire a new Project Coordinator or to engage consulting services to provide the project coordination. The Project Coordinator will have a role in assisting WSDOT with the design-build contractor procurement process and then work will begin ramping up once the design-builder is given notice to proceed. The schedule for the design-builder procurement process is outlined in Table 1, below. The complete project is scheduled to be open to traffic in 2023.

Table 1 - Design-Build Contractor Procurement Schedule

Action	Dates
Step 1 – Statement of Qualifications (SOQ) Phase	
Request for Qualifications Issue Date	September 15, 2020
Statement of Qualifications Due Date	November 4, 2020
Notify Short Listed Submitters	December 29, 2020
Step 2 – Proposal Phase	
Issue Request for Proposals	January 29, 2021
Proposals Due	May 3, 2021
Announce Apparent Best Value Proposer	June 9, 2021
Estimated Notice to Proceed	July 12, 2021

Resolution

Exhibit A to Resolution: GCB 3249 Design-Build Cooperative Agreement for Design and Construction of the I-405/NE 132nd Street Interchange

Exhibit B to Resolution: GCB 2350 Design-Build Cooperative Agreement for the City of Kirkland Project Coordinator for the I-405, NE 132nd Street Interchange Project