

**CITY COUNCIL REGULAR SESSION**

Ordinance 1) authorizing execution of a grant agreement (and supplements if necessary) with the Washington State Department of Transportation (WSDOT) to accept up to \$1,500,000 in federal National Highway System (NHS) Asset Management Program funding to support the construction of the NE 8th Street Pavement Preservation Project; 2) amending the 2021-2022 General Capital Investment Program (CIP) Fund to increase the appropriation by \$1,500,000; and, 3) amending the 2021-2027 CIP Plan to increase the budget for the Bridge and Pavement Preservation (Overlay) Program (CIP Plan No. PW-M-1) by \$1,500,000.

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**EXECUTIVE SUMMARY**

Acceptance of this federally funded grant through WSDOT from the Federal Highway Administration (FHWA) would provide sufficient monetary resources to construct the NE 8<sup>th</sup> Street Pavement Preservation Project. This project will grind and overlay the roadway with new Hot Mix Asphalt (HMA) and perform minor pavement repairs, ADA curb ramp upgrades and associated traffic signal modifications (including detector loops) and install new pavement markings from 100<sup>th</sup> Avenue NE to I-405/west edge of the bridge deck.

**RECOMMENDATION**

Move to adopt Ordinance No. 6599

**BACKGROUND/ANALYSIS**

In late 2020/early 2021, the Washington State Department of Transportation Local Programs Division announced the availability of National Highway Performance Program (NHPP) federal grant funding for preserving roadways that were part of the NHS. NHPP funds support progress toward the achievement of performance targets established in a State's asset management plan for the NHS. NHS roadways encompass both local and state-owned NHS facilities, and Washington State has one of the highest percentages of locally owned NHS facilities. Approximately 23 percent of the NHS routes by lane mile are owned by local agencies and 77 percent of the routes are preserved and maintained by the state. Together, the state and local agencies collaborate to manage the NHS, and the State encourages the application of asset management principles across these roadways.

The objective of the State's Asset Management program is to highlight the importance of preserving the roadway system by incentivizing agencies to use asset management strategies that provide cost-effective solutions to maximize the life expectancy of a roadway. To meet this objective the State evaluates a local agency's use of pavement management strategies and level of investment to

preserve and maintain their roadway system, thereby focusing on cost-effectiveness, emphasizing pavement preservation and rehabilitation over reconstruction.

NE 8<sup>th</sup> Street is a classified NHS principal arterial and is a good fit to meet the state's asset management principles. This roadway is of high importance, carrying vehicles and pedestrians to and from Downtown Bellevue and connects directly with I-405, serving over 10 transit routes (including express bus service), and is a classified designated truck route.

Last paved in 2005, NE 8th Street has sustained various pavement distresses consisting of longitudinal cracking and some alligator cracking within the wheel path and intersection approaches. Low to medium severity rutting is present on approaches to the major intersections. The overall area would benefit from comprehensive repair and resurfacing.

This project will plane the top surface of the pavement and overlay with new HMA and will perform minor pavement repairs. Curb ramps will be upgraded to meet current ADA guidelines along with associated traffic signal modifications (including detector loops) and the installation of new pavement markings.

This NHS Asset Management grant was awarded to the City on June 30 at 100 percent of the estimated project cost, providing funding in federal fiscal years 2022-23. Typically grant funds such as these require 10 to 20 percent match from a local agency, however, due to national challenges of program delivery during COVID-19, these federal funds will not require any match funding for this round. These grant funds will cover construction of 0.87 mile of repairs and paving from 100<sup>th</sup> Avenue NE to I-405/west edge of the bridge deck with an estimated total cost of \$1,500,000. Construction contract advertisement is anticipated in early 2023.

## **POLICY & FISCAL IMPACTS**

### **Policy Impact**

The acceptance of this grant and authorization of the funding agreement with WSDOT is consistent with the following policy in the Transportation Element of the Comprehensive Plan:

- TR-131: Seek state and federal funds for transportation capital, maintenance, and operations.
- TR-136 directs that the City, "Support joint projects, including the contribution of City matching funds, with adjoining cities, King County, the transit providers, or the state, where such partnerships help establish or accelerate projects beneficial to the City."

### **Fiscal Impact**

Executing the grant agreement will provide, on a reimbursable basis, up to \$1,500,000 in federal funding to support the construction of the NE 8<sup>th</sup> Street Project via the Bridge and Pavement Preservation (Overlay) Program (CIP Plan No. PW-M-1). The total cost to construct this project is estimated at \$1,500,000 and is planned to be 100 percent grant funded. This action will increase the 2021-2022 General CIP Fund appropriation and the PW-M-1 project budget by \$1,500,000.

## **OPTIONS**

1. Adopt the Ordinance 1) authorizing execution of a grant agreement (and supplements if necessary) with the Washington State Department of Transportation (WSDOT) to accept up to \$1,500,000 in federal National Highway System (NHS) Asset Management Program funding to support the construction of the NE 8th Street Pavement Preservation Project; 2) amending the 2021-2022 General Capital Investment Program (CIP) Fund to increase the appropriation by \$1,500,000; and, 3) amending the 2021-2027 CIP Plan to increase the budget for the Bridge and Pavement Preservation (Overlay) Program (CIP Plan No. PW-M-1) by \$1,500,000.
2. Do not adopt the Ordinance and provide alternative direction to staff.

## **ATTACHMENTS & AVAILABLE DOCUMENTS**

- A. Vicinity Map
  - B. CIP Project Description (PW-M-1)
- Proposed Ordinance No. 6599

## **AVAILABLE IN COUNCIL LIBRARY**

WSDOT grant award of federal funding  
WSDOT Local Agency Agreement (draft)