

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 \$1,352,998 in federal Emergency Relief funding to support the design and construction of a permanent repair of 98th Avenue SE at the intersection with SE 11th Street; 2) amending the 2019-2020 General Capital Investment Program (CIP) Fund to increase the appropriation by \$1,352,998; and, 3) amending the 2019-2025 CIP Plan to increase the budget for the Major Maintenance Program (CIP Plan No. PW-M-19) by \$1,352,998.

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Transportation Department

EXECUTIVE SUMMARY

Acceptance of this federally-funded grant through WSDOT from the Federal Highway Administration (FHWA) would provide sufficient monetary resources to implement the 98th Avenue SE at the intersection with SE 11th Street project. This project will design and construct a permanent repair of the roadway shoulder through the construction of a pile-supported retaining wall on the western shoulder of 98th Avenue SE at the intersection of SE 11th Street. This wall is designed to reduce the risk of future slides and roadway deformation, improving resilience for the roadway during heavy rain events.

The City of Bellevue is planning to combine this effort with an expected Federal Emergency Management Agency (FEMA) grant to address continued roadway repair extending Northwest on SE 11th Street, but outside of the federally classified roadway network.

RECOMMENDATION

Move to adopt Ordinance No. 6527

BACKGROUND/ANALYSIS

Over a period of heavy rainfall between January 24 and February 7, 2020, approximately 7-inches of rain was recorded in the Bellevue vicinity. This rain event resulted in settlement and movement of the adjacent slope that holds up 98th Avenue SE at the intersection of SE 11th Street. The slope settlement and movement damaged the shoulder of SE 11th Street causing the gravel and curb to separate and undermine from the roadway. An interim repair was made to the shoulder by excavating the loose material and replacing it with compacted gravel. This allowed SE 11th Street to be reopened fully. The interim repair work was completed in April 2020 at a cost of approximately \$35,000.

FHWA Emergency Relief funding will help pay for the design and construction of a soldier pile wall needed to fix the slide area and prevent future damage. This funding will also cover surface paving, landscaping, temporary erosion control, site improvements, utilities, traffic signing, professional

engineering services, and contingencies. Additional drainage will be added to collect water and drain it away from the slope.

The City of Bellevue will provide 13.5 percent of the project cost match at an estimated \$211,161 based on planning level information. FHWA Emergency Relief grant funds paired with City match funding from CIP PW-M-19 are anticipated to cover the costs of repair up to the edge of the shoulder for this federally classified roadway, which is estimated to total \$1,564,159. The City of Bellevue is planning to combine this effort with an expected FEMA grant to address continued roadway repair extending northwest on SE 11th Street, but outside of the federally classified roadway network. This portion of the roadway repair is estimated to total an additional \$391,040 with FEMA providing 75 percent or approximately \$293,280.

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 directs that the City, “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 \$1,352,998 in federal funding to support the design and construction of permanent repairs on 98th Avenue SE at the intersection with SE 11th Street. The total cost of repair for this section of the roadway is estimated to total \$1,564,159; the remaining \$211,161 will be funded by the Major Maintenance Program (CIP Plan No. PW-M-19). This action will increase the 2019-2020 General CIP Fund appropriation and the PW-M-19 project budget by \$1,352,998.

The City is planning to extend the roadway repair Northwest on SE 11th Street, which is outside of the federally classified roadway network. This portion of the repair is estimated to total an additional \$391,040 with FEMA providing 75 percent or approximately \$293,280 of the costs. Staff is currently working with FEMA in evaluating the City’s proposed repair and staff will return to Council to increase the project budget and General CIP Fund appropriation when FEMA’s evaluation is complete.

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 \$1,352,998 in federal Emergency Relief funding to support the design and construction of a permanent repair of 98th Avenue SE at the intersection with SE 11th Street; 2) amending the 2019-2020 General Capital Investment Program (CIP) Fund to increase the appropriation by \$1,352,998; and, 3) amending the 2019-2025 CIP Plan to increase the budget for the Major Maintenance Program (CIP Plan No. PW-M-19) by \$1,352,998.

2. Do not adopt the Ordinance and provide alternative direction to staff.

ATTACHMENTS & AVAILABLE DOCUMENTS

A. Vicinity Map

B. CIP Project Description (PW-M-19)

Proposed Ordinance No. 6527

AVAILABLE IN COUNCIL LIBRARY

WSDOT DDIR grant award of FHWA funding

WSDOT Local Agency Agreement (draft)