

CITY COUNCIL REGULAR SESSION

Resolution authorizing execution of a grant agreement with King County for \$550,000 through the King County Flood Control District's Flood Reduction Grant Program for the Upper Kelsey Creek Phase 2 – Lake Hills Blvd Culvert Replacement Project, with the executed agreement to be substantially in the same form as the agreement in the Council Library.

Nav Otal, Director, 452-2041

Linda De Boldt, Assistant Director of Engineering, 452-4625

Utilities Department

EXECUTIVE SUMMARY

This Resolution authorizes execution of a flood reduction grant agreement with King County, as service provider to the King County Flood Control District, for the City to accept grant funds for the Upper Kelsey Creek Phase 2 – Lake Hills Blvd Culvert Replacement Project.

RECOMMENDATION

Move to adopt Resolution No. 10232

BACKGROUND/ANALYSIS

Kelsey Creek currently crosses under Lake Hills Blvd through three aging culverts. These culverts are undersized, partially submerged, are likely fish passage barriers, and continue to settle in the underlying peat soils. They are a major cause of flooding in the Lake Hills Greenbelt, which is upstream of the culverts. The Upper Kelsey Creek Phase 2 project will replace the culverts with a single fish passable culvert with sufficient capacity for the 100-year storm event and will provide creek habitat improvements. Installing a fish-passable culvert will open about 1,600 feet of creek of fish habitat. The project is primarily funded in CIP Plan D-64 Flood Control Program. The culvert replacement will require sewer and water lines to be relocated, and those costs have been budgeted in CIP Plans S-24 and W-16. In addition to the competitive grant that is the subject of this agenda memo, the project is also funded by the City of Bellevue's allocation of 2021 and 2023 King County Flood Control District Sub-Regional Opportunity Funds (SROF). The remainder of the project costs have been budgeted for in the Utilities 2023-2029 Capital Investment Programs.

Project Funding and Cost Estimate Table

2022 Flood Reduction Grant	\$0.55 M	For Design/Permitting
SROF 2021 Allocation	\$0.60 M	For Pre-Design and Design/Permitting
SROF2023 Allocation	\$0.65 M	For Design/Permitting and Construction
Utilities CIP Plan No. D-94, S-24 and W-16	\$15.2 M	For Design/Permitting and Construction
Total Project Cost Estimate	\$17.0 M	For Design/ Permitting and Construction

The current grant award of \$550,000 is for the Design and Permitting phase of the project and will partially fund the City for costs related to project work as follows:

- Complete the design of replacement culvert, stream channel improvements, and associated infrastructure, including plans and construction specifications
- Obtain temporary construction easements
- Obtain all project permits (land use, environmental, right-of-way, and others)
- Engage the public about the need for the project and to inform about expected disruptions during construction
- Advertise bid and contract award
- City staff time to manage the project

POLICY & FISCAL IMPACTS

Policy Impact

City Comprehensive Plan policies: Provide a storm and surface water system that controls damage from storms, protects surface water quality, provides for the safety and enjoyment of citizens, supports fish and wildlife habitat, and protects the environment (UT-34).

Utilities Department policies: Retain existing open surface water systems in a natural state and restore conditions that have become degraded. Invest resources as necessary to construct, maintain and renew stormwater, water and sewer system infrastructure and equipment so that Utility customers are provided with consistent, reliable services.

Fiscal Impact

This project is primarily funded in the 2023-2029 Utilities Capital Investment Program (CIP) Flood Control Program (CIP Plan No. D-94). Additional funding for water and sewer line relocations are budgeted in Sewer System Trunk Rehabilitation (CIP Plan No. S-24) and Water Main Replacement (CIP Plan No. W-16). Sufficient funds have been budgeted to fund this project in the 2023-2029 Utilities CIP budget. This grant will allow for the City to be reimbursed by the King County Flood Control District for \$550,000 of expenses related to the design, permitting and public outreach phase of the project.

OPTIONS

1. Adopt the Resolution authorizing execution of a grant agreement with King County for \$550,000 through the King County Flood Control District's Flood Reduction Grant Program for the Upper Kelsey Creek Phase 2 – Lake Hills Blvd Culvert Replacement Project, with the executed agreement to be substantially in the same form as the agreement in the Council Library.
2. Do not adopt the Resolution and provide alternative direction to staff.

ATTACHMENTS

- A. CIP Project Description (D-94)
 - B. CIP Project Description (S-24)
 - C. CIP Project Description (W-16)
- Proposed Resolution No. 10232

AVAILABLE IN COUNCIL LIBRARY

Upper Kelsey Creek 2022 Flood Reduction Grant Agreement