



INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Services Committee

FROM: Pete Mayer, Deputy City Administrator/ Interim Public Works Director

BY: Catrien de Boer, Public Works Analyst

CC: Mayor McLeod

DATE: January 24, 2025

**SUBJECT: Surface Water Fund – S 131st St Drainage Improvements
Project No. 91641204
Department of Ecology Streamflow Restoration Grant Award**

ISSUE

Accept a Washington State Department of Ecology (DOE) Streamflow Restoration grant for the S 131st St Drainage Improvements project in the amount of \$1,729,600.

BACKGROUND

The S 131st Drainage Improvement Project goal is to address flooding of roadway and adjacent private properties along Southgate Creek, and to address issues that contribute to flooding, water quality, barriers to fish migration and habitat degradation. The original contract’s preliminary design and hydraulic modeling indicated a broader approach would be necessary to resolve flooding.

DISCUSSION

In February 2024, City staff applied to the DOE Streamflow Restoration grant to fund design, permitting, and acquisition expenses related to Phase II of the S 131st St Drainage Improvements project. Phase II work will refine the 30% conceptual designs under Phase I and expand the site footprint to determine useable/developable areas at adjacent parcels. While details will be determined through the design process, the project goals are to enhance instream and stream buffer habitat, reduce flooding, reduce routine maintenance, eliminate the need for dredging, reduce the amount of water bypassed through the underground system, and increase water quality treatment. Grant funding will be used to complete design, prepare bid documents, develop permit applications and construction documents.

In October 2024, the City was notified that we received the full grant award. The City is currently completing preliminary design for the S 131st St Drainage Improvements Project and this funding will be used to support the next phase.

FISCAL IMPACT

The City was awarded a \$1,729,600 grant from the DOE for the S 131st Drainage Improvements project. There is no local city match.

Project Budget

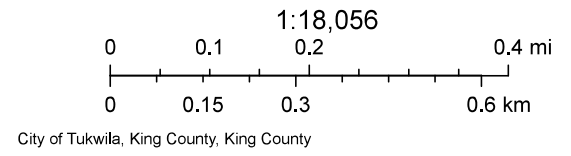
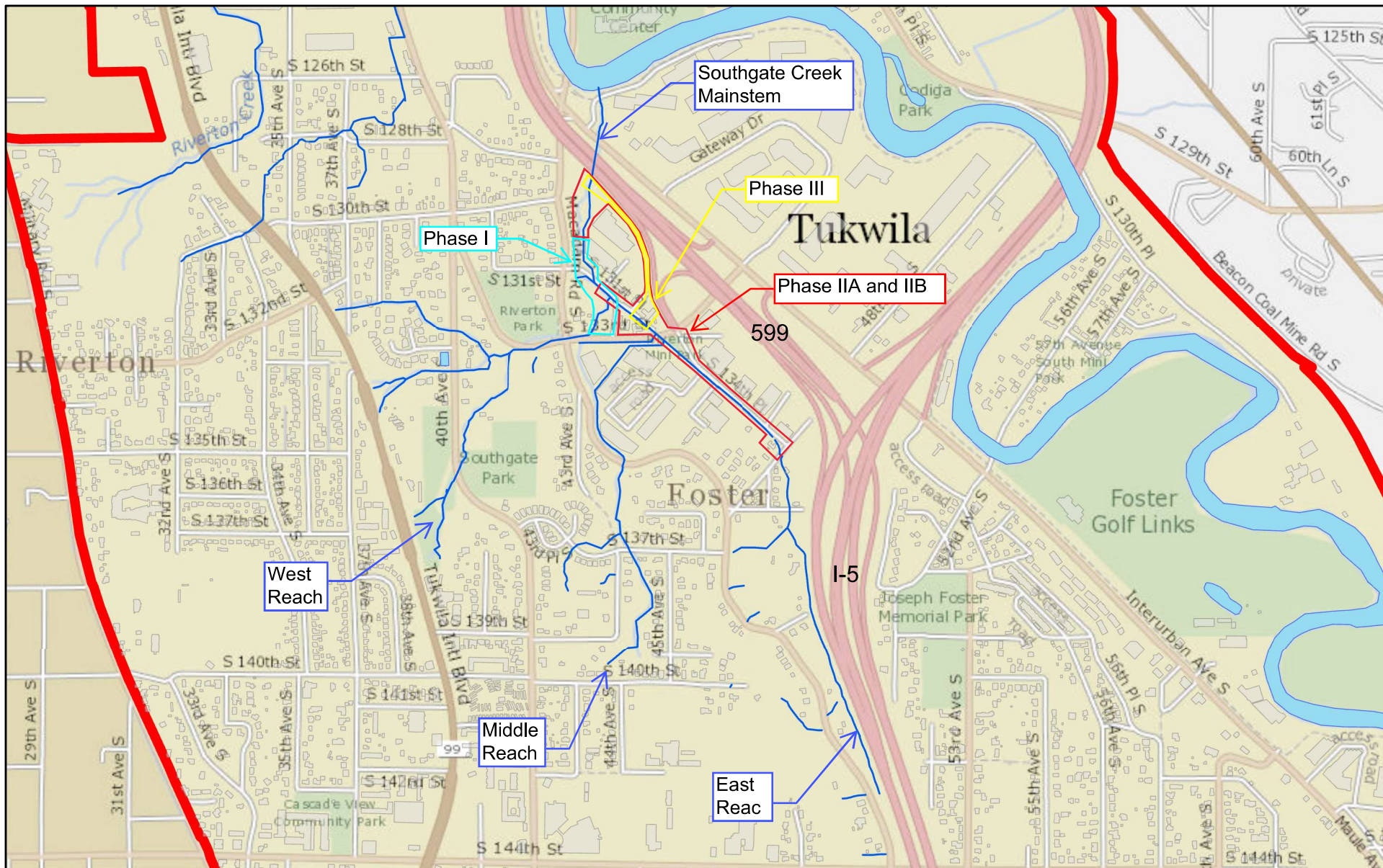
DOE Grant Award	\$1,729,600.00
Total	\$1,729,600.00

RECOMMENDATION

Council is being asked to accept a DOE Streamflow Restoration Grant Award, pending legal review, in the amount of \$1,729,600 and consider this item on the Consent Agenda at the February 3, 2025 Regular Council Meeting.

Attachments: Vicinity Map
2025-2030 CIP Page

Figure 1. Southgate Creek Basin - Reaches and Phase I, II & III Locations



CITY OF TUKWILA CAPITAL PROJECT SUMMARY 2025 to 2030

PROJECT: **S 131st Pl Drainage Improvements** **Project #** 91641204

Project Manager Joshua Hopkins **Department** Surface Water

DESCRIPTION: Developing alternate horizontal alignment for Southgate Creek in conjunction with replacing a fish barrier culvert. Scope expanded in 2024 to increase hydraulic analysis limits to address persistent flooding not addressed with the preliminary hydraulic design.

JUSTIFICATION: Southgate Creek overtops its bank several times per year during storm events and runs through private property. Debris is deposited within a private driveway and storm system.

STATUS: HPA permitted dredging is performed annually on the creek to remove excess sedimentation to reduce the likelihood of flooding.

MAINTENANCE IMPACT: Project will include 1-year contract maintenance and typically 2-to-4 years of plant establishment. Project improvements will be turned over to surface water division for routine maintenance.

COMMENT: Project applied for Department of Ecology design development funding and Conservation Futures property acquisition grant to support the expanded hydraulic analysis. Assumes estimated 2028 construction.

FINANCIAL (in thousands)	2025	2026	2027	2028	2029	2030	Beyond	TOTAL
Project Costs								
Project Mgmt (Staff Time/Cost)	\$ 25	\$ 25	\$ -	\$ 25	\$ -	\$ -	\$ -	\$ 75
Planning	\$ 780	\$ 600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,380
Land (R/W)	\$ 1,000	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000
Construction Mgmt.	\$ -	\$ -	\$ -	\$ 400	\$ -	\$ -	\$ -	\$ 400
Construction	\$ -	\$ -	\$ -	\$ 2,000	\$ -	\$ -	\$ -	\$ 2,000
Total Project Costs	\$ 1,805	\$ 1,625	\$ -	\$ 2,425	\$ -	\$ -	\$ -	\$ 5,855
Project Funding								
Awarded Grant	\$ 706	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 706
Proposed Grant	\$ 1,105	\$ 1,625	\$ -	\$ 1,600	\$ -	\$ -	\$ -	\$ 4,330
Utility Revenues	\$ 205	\$ -	\$ -	\$ 825	\$ -	\$ -	\$ -	\$ 1,030
Total Project Funding	\$ 2,016	\$ 1,625	\$ -	\$ 2,425	\$ -	\$ -	\$ -	\$ 6,066