



INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Committee
FROM: Henry Hash, Public Works Director *HH*
BY: Ryan Larson, Senior Program Manager
CC: Mayor Ekberg
DATE: May 1, 2020
SUBJECT: Surface Water Fund - S 131st PI Drainage Improvements
Project No. 91641204
Grant Application

ISSUE

Authorize the submittal of grant applications to the King County Flood Control District (2020 Flood Reduction Grants) and other future grants that become available.

BACKGROUND

Southgate Creek flows along the western shoulder and under S 131st Place and then onto the Normed site (also near Far West Paint). During large storm events, the Southgate creek overflows its bank and flows over S 131st Place and through the Normed access road, resulting in debris deposition on the roadway and the private access road. This flooding is the result of a combination of excessive sedimentation within the downstream private property portion of the stream and within the roadway cross culvert, as well as a lack of sufficient freeboard to contain the creek during high flows.

DISCUSSION

Storm drainage improvements to S 131st Place are required to increase the available creek freeboard as well as replacing the existing cross culvert. All stormwater improvements to the existing creek and cross culvert will require a Hydraulic Project Approval (HPA) from the Washington Department of Fish and Wildlife.

Grant applications are being sought from various organizations and the King County Flood Control District. Design consultant selection is anticipated to begin in the Summer of 2020 and construction is planned for 2022.

FISCAL IMPACT

The S 131st Place Drainage Improvement project has \$790,000 available in surface water funding for design and construction. The proposed grant funds will provide additional funding for the project. Matching funds are encouraged, but not required for the 2020 Flood Reduction Grants.

RECOMMENDATION

Committee approval to seek available grant funding through King County Flood Control District and other grant opportunities that may become available for the South 131st Place Drainage Improvement Project.

Attachment: Pg.100, 2019 CIP

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2019 to 2024

PROJECT: **S 131st Place Drainage Improvements** Project No. 91641204

DESCRIPTION: Design and replace an existing 36" culvert under S. 131st Pl. Raise the roadway approximately 18" and/or provide a concrete wall or other means to keep Southgate Creek within its banks during storm events.

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: Maintenance is performed annually on the creek to remove excess sedimentation to reduce the likelihood of flooding.

MAINT. IMPACT: Reduce the frequency of stream sediment removal and storm cleanup.

COMMENT: Project will require an HPA. Look at combining with a future overlay project to reduce overall costs.

FINANCIAL (in \$000's)	Through		Estimated							TOTAL
	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	
EXPENSES										
Design				100						100
Land (R/W)										0
Const. Mgmt.					90					90
Construction					600					600
TOTAL EXPENSES	0	0	0	100	690	0	0	0	0	790
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	0	0	0	100	690	0	0	0	0	790
TOTAL SOURCES	0	0	0	100	690	0	0	0	0	790

