



TO: T.C. Broadnax, City Manager
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
Geoffrey M. Smyth, P.E., Division Manager, Science and Engineering
COPY: City Council and City Clerk
SUBJECT: Request for Resolution: Grant Acceptance 2016 Municipal Stormwater Capacity Grant Program WQC-2016-TacoPW-000264 for the Madison and Monroe Permeable Neighborhood Project – January 26, 2016
DATE: January 8, 2016

SUMMARY:

A resolution authorizing the execution of a grant agreement with the Washington State Department of Ecology, in the amount of \$1,582,250; accepting and depositing said sum into the ES Surface Water Fund 4301; authorizing the expenditure of \$527,417 in matching funds, for a cumulative total of \$2,109,667 to install permeable pavement in the Madison and Monroe neighborhoods.

STRATEGIC POLICY PRIORITY:

- Assure outstanding stewardship of the natural and built environment.

The Madison and Monroe Permeable Neighborhood Project is a green infrastructure project that will improve water quality and promote stormwater infiltration. Permeable pavement will be utilized to revitalize this residential neighborhood.

BACKGROUND:

This project will reduce stormwater flow and improve stormwater quality in the Flett Creek Watershed through installation of permeable pavement in the Madison and Monroe neighborhoods in the City of Tacoma.

The Madison and Monroe Permeable Neighborhood Project offers a unique opportunity to retrofit residential streets into green infrastructure using permeable pavement. The proposed design has capacity to infiltrate over 2,000 lineal feet of road surface plus the surrounding residential area, for a total of six acres to be infiltrated. In addition to reducing surface water runoff and its associated load of fine particulate matter, infiltrated water will improve base flow, which is significant to the health of the creeks and lake in the area.

ISSUE:

Stormwater conveyance in the Flett Creek Watershed is constricted due to capacity constraints. Staff has responded with infiltration improvements; however flow reduction is also crucial to flooding in this watershed.

ALTERNATIVES:

This location paired with state funding represents a unique opportunity to reduce flows in this flood prone watershed. If the grant is not accepted, the City would either pay for this work with ratepayer funds or not complete the design. This would reduce the City's ability to receive future grant funding for the construction of this project.



RECOMMENDATION:

A resolution authorizing the execution of a grant agreement with the Washington State Department of Ecology, in the amount of \$1,582,250; accepting and depositing said sum into the ES Surface Water Fund 4301; authorizing the expenditure of \$527,417 in matching funds, for a cumulative total of \$2,109,667, to improve water quality and reduce stormwater impacts in the Flett Creek Watershed through installation of permeable pavement in the Madison and Monroe neighborhoods.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
ES Surface Water Fund 4301	ENV-03025-07	Various	\$2,109,667
TOTAL			\$2,109,667

* General Fund: Include Department

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Department of Ecology Grant # WQC-2016-TacoPW-00264	521900	6371302	\$1,582,250
ES Surface Water Fund 4301	521900	Rates and Bonds	\$527,417
TOTAL			\$2,109,667

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: Additional revenue of \$1,582,250

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? The expenses will be covered under Surface Water's existing budget. The additional revenue was not budgeted.