RESOLUTION NO. 2016-3

A Resolution of the Pierce County Flood Control Zone District, approving Pierce County's Tacoma Narrows Airport Stormwater and the City of Puyallup's 39th Ave. SW Opportunity Fund projects.

Whereas, by Resolution No. 2013-2, adopted on June 5, 2013, the Board of Supervisors established an opportunity fund of ten percent (10%) of the revenues raised from District regular property tax levies ("Opportunity Fund"), for distribution to cities, towns and unincorporated Pierce County ("municipalities"), based on their proportional percentage of the Opportunity Fund, for flood control and stormwater control improvements; maintenance and operation of flood control and stormwater control improvements; studies and plans for flood control and stormwater control improvements; studies, plans, activities and projects related to watershed management; and major equipment used for stormwater control or water quality protection (collectively, "Opportunity Fund Projects"); and

Whereas, Resolution No. 2013-2 requires the Board of Supervisors to approve all Opportunity Fund Projects; and

Whereas, Resolution No. 2014-3 authorizes the District Administrator to approve Opportunity Fund projects; and

Whereas, the District Administrator has adopted rules and regulations for the review, recommendation and approval of Opportunity Fund Projects and disbursement of Opportunity Funds; and

Whereas, Pierce County has filed an application with the District Administrator for approval of an Opportunity Fund Project known as the Tacoma Narrows Airport Stormwater Outfall Modification, which is scheduled for construction in 2017; and

Whereas, the City of Puyallup has filed an application with the District Administrator for approval of the Opportunity Fund Project known as the 39th Ave. SW - 11th St. SW to 17th St. SW retrofit project, which is scheduled for construction in 2016;

Whereas, the District Administrator has forwarded Pierce County's and the City of Puyallup's applications for their Projects to the Board of Supervisors and has recommended approval of the Projects; and

Whereas, RCW 86.15.110 requires the Board of Supervisors to approve all flood control and stormwater control improvements by resolution, after the Board has adopted a comprehensive plan of development for such improvements; and

Whereas, by Resolution No. 2013-2, adopted on September 11, 2013, the Board of Supervisors adopted a comprehensive plan for flood control and stormwater control improvements pursuant to RCW 86.15.110, which plan is known as the Comprehensive Plan of Development ("CPOD"); and

Whereas, Section 3.4.1 of the CPOD provides that where the Board of Supervisors approves an Opportunity Fund Project, and the Project is a flood control or stormwater control improvement, the Project shall be incorporated into and be considered a part of the CPOD, shall be eligible for construction, and shall be deemed to contribute generally to the objectives of the CPOD; and

Whereas, the Board of Supervisors desires to approve the Project; now, therefore

BE IT RESOLVED by the Board of Supervisors of the Pierce County Flood Control Zone District as follows:

Section 1. The Board of Supervisors approves the Tacoma Narrows Airport Stormwater Outfall Modification ("Pierce County Project") and the City of Puyallup's 39th Ave. SW- 11th St. SW to 17th St. SW retrofit project ("Puyallup Project"), as described in the Opportunity Fund Project Scope of Work for the Projects, attached to this Resolution as Exhibit A. The Board of Supervisors determines that the Pierce County Project is a "construction" under RCW 86.15.110, and that the Puyallup Project is a "construction" under RCW 86.15.110, and that both Projects will be of benefit to the District and County as a whole.

Section 2. The estimated costs of the Projects are stated in the Scope of Work, Exhibit A, which includes supporting data. Engineering studies and plans for the Projects must be filed with the District Administrator before the Projects are commenced.

ADOPTED this 17 day of Feb, 2016.

ATTEST:

Kate Kennedy

Kate Kennedy, Clerk of the Board

PIERCE COUNTY FLOOD CONTROL ZONE DISTRICT
Pierce County, Washington

Rick Talbert, Board Chair

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OPPORTUNITY FUND PROJECT SCOPE OF WORK

PIERCE COUNTY
FLOOD CONTROL
ZONE DISTRICT

INSTRUCTIONS: Please submit a Project Scope of Work form for each project you are requesting funds for and provide the forms when submitting your Notice of Intent to Request Funds. If you need additional Scope of Work forms you can download them from the Flood Control Zone District website at www.piercefloodcontrol.org. If you have any questions, please contact Brian Ziegler, District Administrator, at 253-798-3154 or pcfczd@co.pierce.wa.us.

Please save your form and title it using the follow convention:
YYYY_MMDD_JURISIDICTION_PROJECT_SOW.docx
(e.g., 2013_0601_PierceCounty_leveesetback_SOW.docx)

Once completed, email your form along with the Notice of Intent to Request Funds for the applicable fiscal year to:
Brian Ziegler, Pierce County FCZD Administrator pcfczd@co.pierce.wa.us

JURISIDCTION	City of Puyallup
PROJECT TITLE	39th Avenue SW – 11th Street SW to 17th Street SW
TOTAL PROJECT COST	$3,331,031
REQUEST AMOUNT	$127,076
PROJECT START DATE	10/01/2015
PROJECT END DATE	10/01/2016

TYPE	**Feasibility Study**	**Project Design**	**Project Construction**	**Property Acquisition**	
	Programmatic: ENTER PROGRAMMATIC DETAILS IF APPLICABLE				
	Other: ENTER OTHER DETAILS IF APPLICABLE				
2.	**State Environmental Policy Act Determination has been completed**				YES
3.	**Short description of proposed project**				

The 39TH AVENUE SW – 11TH STREET SW TO 17TH STREET SW PROJECT involves the installation of pervious concrete sidewalks, pervious concrete roadway, Portland cement concrete intersections, two new signal systems, illumination system, interconnect system, new water main for the Fruitland Mutual Water Company, sewer main extension, and linear storm chamber.
4. **Proposed project location and related body of water**
Project is located along 39th Avenue SW, between 11th Street SW and 17th Street SW and will tie-in with previously-constructed projects completed by Pierce County and the City of Puyallup to widen 112th Street E and 39th Avenue SW, respectively. The project area drains to the Clarks Creek Basin.
5. **Description of the flooding, stormwater, or linked watershed management problem that this project or activity will address – identify criterion/criteria**
The project area drains to the Clarks Creek Basin. Clarks Creek is currently subject to Fecal Coliform and Sediment/Dissolved Oxygen TMDLs. These TMDLs note untreated stormwater flows and impervious surface as contributors to the water quality problems.
6. **Description of how the proposed activity will address the problem outlined in Question 4:**
Retrofit of this project area will provide on-site stormwater management, infiltrating 100% of related stormwater on-site.
7. **Identify the management plan (i.e. flood control, stormwater control, or watershed management) within which implementation of the project or activity is an element or is recommended:**
Clarks Creek Dissolved Oxygen and Sediment Total Maximum Daily Load (2014) – Development of the implementation plan will include work by the City of Puyallup, as identified in the plan, and will allow for identification of specific, City-selected projects that will provide reduction in untreated stormwater flows to meet the implementation requirements.

PROJECT SCOPE & TASKS

These identified project activities will be referenced when you complete and submit a progress report for the project.

Project Task	Outcome or Deliverables
Construct widening project	Retrofit roadway and sidewalk using pervious concrete – creating 100% on-site stormwater management via pavement sections

OPPORTUNITY FUND PROJECT SCOPE OF WORK

PIERCE COUNTY FLOOD CONTROL ZONE DISTRICT

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Brian Ziegler, Pierce County FCZD Administrator
administrator@piercefloodcontrol.org

JURISIDCTION	Pierce County
PROJECT TITLE	Tacoma Narrows Airport Stormwater Outfall Modification
TOTAL PROJECT COST	$2,307,000
REQUEST AMOUNT	$26,100
PROJECT START DATE	Spring 2017
PROJECT END DATE	Summer 2017

(1) TYPE OF ACTIVITY	☐ **Feasibility Study**	☐ **Project Design**	X☐ **Project Construction**	☐ **Property Acquisition**
	☐ **Programmatic:** ENTER PROGRAMMATIC DETAILS IF APPLICABLE			
	☐ **Other:** ENTER OTHER DETAILS IF APPLICABLE			
(2) State Environmental Policy Act Determination has been completed				☐
(3) Short description of proposed project				
The proposed project is to eliminate the direct discharge of untreated stormwater runoff to Puget Sound by installing a Filtera stormwater vault underground to treat the stormwater.				
(4) Proposed project location and related body of water				
The proposed project is at the Tacoma Narrows Airport. The project is adjacent to Balch and Cormorant passage in south Puget Sound, west of Hwy 16 and the Narrows Bridge.				
(5) Description of the flooding, stormwater, or linked watershed management problem that this project or activity will address – identify criterion/criteria				
Currently, untreated stormwater runoff from the airport is discharged directly to Puget Sound through an older stormwater pipe system over the bluff to an outfall structure on the beach.				
(6) Description of how the proposed activity will address the problem outlined in Question 4:				
Currently, the stormwater is directed to a large infiltration pond between the runways and airplane				

hangars. The stormwater overflows enters a pipe system which discharges to Puget Sound. The open infiltration pond will be eliminated to comply with FAA rules. A large Filtera vault (approx.. 11' x 36' x 20' deep) will be installed to collect the stormwater runoff and provide water quality treatment prior to discharge to Puget Sound. This project is being partially funded through a WA State Dept. of Ecology grant.
(7) Identify the management plan (i.e. flood control, stormwater control, or watershed management) within which implementation of the project or activity is an element or is recommended:
The project need was identified by the Pierce County Water Quality Specialist assigned to inspect county-owned facilities. The need to retrofit the existing stormwater and outfall system is identified in the *2014 Airports and Ferry Assessment Report*, prepared by the Pierce County Surface Water Management Water Quality Specialist.

PROJECT SCOPE & TASKS

These identified project activities will be referenced when you complete and submit a progress report for the project.

Project Task	Outcome or Deliverables
Project conceptual design to complete grant award.	In Progress
Complete project design	Winter 2015
Project permitting	Complete in 2016
Construction	Spring 2017
ENTER PROJECT TASK	ENTER OUTCOME/DELIVERABLE
ENTER PROJECT TASK	ENTER OUTCOME/DELIVERABLE