



Pierce County Flood Control Zone District
Advisory Committee
Meeting Information

1. Agenda

1.I. Advisory Committee August 2, 2019 Agenda

Documents:

[8-2-19 PCFCZD AC AGENDA .PDF](#)

2. Related Documents

2.I. Budget Memo 8-2-19

Documents:

[STRATEGIC AND EMERGENT NEEDS FUND MEMO 07.25.19.PDF](#)

2.II. Budget Option A

Documents:

[OPTION A.PDF](#)

2.III. Budget Option B

Documents:

[OPTION B.PDF](#)

3. Presentations

Presentations are available after the meeting.

4. Meeting Minutes

Minutes are available after approval at the next meeting.

FCZD ADVISORY COMMITTEE MEETING AGENDA

Pierce County Flood Control Zone District (FCZD) Advisory Committee: The Advisory Committee is created to provide expert policy advice to the board of supervisors of the Pierce County Flood Control Zone District on regional flood protection issues. The committee shall review and recommend an annual capital budget for the district, including capital improvement program projects and funding levels, subject to approval or approval and modification by the board of supervisors. (Chapter 11.06.030 Pierce County Code).



MEETING TIME AND LOCATION

Friday, August 2, 2019, 9:00 a.m. – 12:00 p.m.

2702 South 42nd
Street, Tacoma, WA

Phone or text: Kjristine Lund, Facilitator, 206-612-8138

PURPOSE OF THE MEETING

- Recommend 2020 Budget and Six-Year CIP
- Draft Letter to Board of Supervisors with Recommendation

Time	Topic	Objective	Lead	Materials/Notes
9:00	Call to Order		Ryan Mello, Chair	
9:10	Public Comment		Ryan Mello	
9:20	Update from Executive Committee Meeting	Feedback on Budget Assumptions	Kjristine Lund, Executive Director	
9:30	2020 Operating, Capital, and Six Year CIP	Discuss and Make recommendation to Board of Supervisors	Brynne Walker, Pierce County Planning & Public Works	Budget Options
10:30	Break			
10:45	Key Points for Letter to Board of Supervisors Transmitting Budget Recommendation	Reach consensus on letter to Board	Kjristine Lund	
12:00 p.m.	Adjourn			

COMMITTEE MEMBERS

Member/Alternates	Title	Representation
Mike Dahlem, <i>Vice Chair</i>	Public Works Director	City of Sumner
Bruce Dammeier	Pierce County Executive	Pierce County
John Palmer	Mayor	City of Puyallup
Russ Ladley	Director of Natural Resources	Puyallup Tribe of Indians
Ryan Mello, <i>Chair</i>	Councilmember	City of Tacoma
Clare Petrich	Commissioner	Port of Tacoma
Kim Roscoe	Mayor	City of Fife
Chuck West	Battalion Chief, Key Peninsula Fire Department	Unincorporated PC
Greg Reed	Building Official	City of Orting

COMMITTEE GROUND RULES

- Come to committee meetings prepared
- Treat one another with civility
- Respect each other's perspectives
- Listen actively
- Participate actively
- Honor time frames
- Silence electronic devices during meetings
- Speak from interests, not positions

2019 MEETING SCHEDULE

February 1

April 5

June 14

August 2

November 1

FCZD ACRONYMS AND KEY TERMS

FCZD Flood Control Zone District

FHMP Pierce County's Flood Hazard Management Plan

CPOD The FCZD's Comprehensive Plan of Development

CIP Capital Improvement Plan



Pierce County Flood Control Zone District

2702 South 42nd Street, Suite 201
Tacoma, WA 98409-7322

To: Pierce County Flood Control Advisory Committee

From: Anne-marie Marshall-Dody

Date: July 26, 2019

Subject: Establishment of a Strategic and Emergent Needs Fund and Impact to District Capital Budget

In 2017, the Flood Control Zone District (FCZD) Board of Supervisors passed a policy to establish a Strategic and Emergent Needs Fund with a target balance of \$2.5 million. Money used from this fund is to be repaid within three years. The fund was depleted by the Board to: 1) pay off the balance owed to City of Tacoma; 2) advance the City of Puyallup project; 3) advance the City of Sumner projects; 4) continue projects at City of Orting; and 5) fund a new project for Pierce Conservation District.

On July 17, the FCZD Executive Committee requested a separate Strategic and Emergent Needs fund be established with a goal of returning the fund balance back to \$2.5 million within two years. Staff was requested to re-evaluate the budget to propose options to make this possible. Staff reviewed the existing FCZD budget and the SWM Capital Facilities Plan/Surface Water Management Improvement Plan (SWIP) with the following criteria:

- projects committed by a contract,
- projects committed to by regulations, and
- projects which use the FCZD funds to match other grant funded projects.

Only two projects funded by FCZD would did not meet these criteria; Jones Levee Setback and Alward Road Setback.

- Jones Levee Setback is a US Army Corps of Engineers (USACE) project to replace an existing levee with a new setback. This is a Continuing Authorities Program (CAP) 205 Flood Control-funded project. The USACE will take the lead in design and construction. The project would be eligible for Certification by FEMA and would lead to further reduction in insurance costs for the residents of Orting.
- Alward Road Acquisition and Setback Levee project continues to acquire available homes in a neighborhood with repetitive flood losses. This project has purchased 61 properties and continues to pursue the purchase of the remaining 22 properties.


The current proposal would be:

- Re-establish the fund in a three-year time frame to meet budget constraints.
- Defer Jones Levee in the FCZD budget beyond 2025. Currently in the 2020/2021 budget, Jones was targeted to provide \$300,000 per year for opportunistic land acquisition and \$3.5 million for Corps match in 2024. This maintains current financial commitments of Surface Water Management for this project through 2023 allowing the project to stay on track with the Corps.
- Defer Alward Road Acquisition and Setback in the FCZD budget and the SWM CFP/SWIP by reducing the requested \$2,000,000 for 2020/2021 to \$600,000. Additional funds would be added in 2022 and 2023 to bring that project forward.


Attached are preliminary budget concepts with two options. Option one assumes no USACE match, 1% increase, and the strategic reserve (the direction from Executive Committee). Option two is the budget assumptions brought it back to ten cents per thousand.

Option A

Pierce County Flood Control Zone District CIP 2020 - 2025						
Project Name	2020	2021	2022	2023	2024	2025
Property Acquisition	\$ 2,825,000	\$ 2,500,000	\$ 2,980,000	\$ 4,017,500	\$ 3,100,000	\$ 3,400,000
With estimated \$/year for each project						
Alward Road Acquisition & Setback Levee	\$ 300,000	\$ 300,000	\$ 380,000	\$ 500,000	\$ 600,000	\$ 900,000
Lower Puyallup Clear Creek Acquisition and Levee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Carbon River Setback Levee Left Bank			\$ -	\$ 167,500		
Carbon River Floodplain Connection Right Bank	\$ 125,000					
Neadham Road Acquisition & Revetment	\$ 350,000	\$ 350,000				
White River Butte Pit Setback	\$ 250,000	\$ 250,000	\$ 400,000	\$ 350,000		
Lower White River(Pacific Pt Bar, L Bank Setback, 24th Street Setback)	\$ 1,500,000	\$ 1,200,000	\$ 1,200,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000
Middle Puyallup 128th St Comp Study	\$ 300,000	\$ 400,000	\$ 1,000,000	\$ 500,000		
Calistoga Setback Phase 2 (Jones)	\$ 300,000	\$ 300,000				
Engineering / Studies / Construction	\$ 2,917,586	\$ 429,920	\$ 3,900,000	\$ 4,300,000	\$ 2,250,000	\$ 7,000,000
White River Butte Pit Setback		\$ -		\$ -	\$ -	\$ 3,000,000
Lower White River (Restoration; 24th Street Setback)	\$ 400,000	\$ -	\$ 1,500,000	\$ 1,500,000		\$ -
*** Lower White River (Sumner Point Bar)	\$ 250,000	\$ 200,000			\$ -	\$ -
Lower White River(Left Bank Setback)	\$ 250,000	\$ 200,000			\$ -	
Middle Puyallup 128th St Comp Study					\$ 2,000,000	\$ 2,000,000
Alward Setback Levee(Preliminary Engineering)	\$ 77,890	\$ 29,920	\$ -	\$ -	\$ -	\$ -
Carbon River Setback Levee Left Bank			\$ -		\$ 250,000	\$ 2,000,000
Calistoga/Ken Wolfe Levee Carry-over 2018	\$ 17,816					
Orville Road @ Kapowsin Creek			\$ 1,000,000			
Calistoga Setback Phase 2 (Jones)	\$ -				\$ 3,500,000	
Orville Road Revetment (Phase 2C)	\$ 515,000	\$ -				
Neadham Road Revetment			\$ 1,400,000	\$ 2,800,000		
Upper Nisqually Channel Migration Protection	\$ 1,406,880					
Total Six Year Capital Improvement Projects	\$ 5,742,586	\$ 2,929,920	\$ 6,880,000	\$ 8,317,500	\$ 5,350,000	\$ 10,400,000
Strategic and Emergent Needs Reserve	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
PS Shoreline Project	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Total (including funds from Strategic Reserve)	\$ 5,792,586	\$ 2,979,920	\$ 6,930,000	\$ 8,367,500	\$ 5,400,000	\$ 10,450,000

Pierce County Flood Control Zone District Six Year Financial Plan 2020 - 2025 No USACE Match w/ New Construction & Interest											
\$	12,411,769	2018	154 Fund Balance	2019	2020	2021	2022	2023	2024	2025	Total 2020-2025
Beginning 154.00 Fund Balance				\$ 3,418,840	\$ 5,765,407	\$ 5,183,515	\$ 7,466,952	\$ 6,353,233	\$ 4,355,195	\$ 5,378,087	
Operating Fund 154.00	Tax Assessment	\$ 8,703,487	\$ 8,790,522	\$ 8,878,427	\$ 8,967,211	\$ 9,056,883	\$ 9,147,452	\$ 9,238,927	\$ 54,079,423		
	Interest		\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 360,000	
	Total Revenue	\$ 8,703,487	\$ 8,850,522	\$ 8,938,427	\$ 9,027,211	\$ 9,116,883	\$ 9,207,452	\$ 9,298,927	\$ 54,439,423		
	Administration	\$ 429,318	\$ 442,198	\$ 455,463	\$ 469,127	\$ 483,201	\$ 497,697	\$ 512,628	\$ 2,860,315		
	Allocation for Strategic Reserve	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000		
	Deposit to Strategic Reserve		\$ 1,000,000	\$ 1,000,000	\$ 500,000				\$ 2,500,000		
	Operations and Maintenance	\$ 1,305,523	\$ 1,318,578	\$ 1,331,764	\$ 1,345,082	\$ 1,358,533	\$ 1,372,118	\$ 1,385,839	\$ 8,111,913		
	Allocation for USACE Project Match	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Allocation for Opportunity Fund	\$ 870,349	\$ 879,052	\$ 887,843	\$ 896,721	\$ 905,688	\$ 914,745	\$ 923,893	\$ 5,407,942		
	Capital Projects	\$ 3,701,730	\$ 5,742,586	\$ 2,929,920	\$ 6,880,000	\$ 8,317,500	\$ 5,350,000	\$ 10,400,000	\$ 39,620,006		
	Total Expenditures	\$ 6,356,920	\$ 9,432,414	\$ 6,654,990	\$ 10,140,930	\$ 11,114,922	\$ 8,184,560	\$ 13,272,360	\$ 58,800,177		
	Ending Fund Balance	\$ 5,765,407	\$ 5,183,515	\$ 7,466,952	\$ 6,353,233	\$ 4,355,195	\$ 5,378,087	\$ 1,404,654			
Recommended Minimum Fund Balance (6 Months Administration and O&M)	\$ 867,421	\$ 880,388	\$ 893,614	\$ 907,105	\$ 920,867	\$ 934,908	\$ 949,234				
Beginning Strategic & Emergent Needs Fund Balance				\$ -	\$ -	\$ 950,000	\$ 1,900,000	\$ 2,350,000	\$ 2,300,000	\$ 2,250,000	\$ 2,200,000
Strategic Reserve	Transfer from Fund 154.00	\$ 50,000	\$ 1,000,000	\$ 1,000,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 2,500,000		
	Expenditures	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000		
	Ending Fund Balance	\$ -	\$ 950,000	\$ 1,900,000	\$ 2,350,000	\$ 2,300,000	\$ 2,250,000	\$ 2,200,000	\$ 2,200,000		
2018 Beginning 154.01 Fund Balance:				\$ 3,492,929	\$ 3,863,278	\$ 4,242,330	\$ 4,630,173	\$ 5,026,894	\$ 5,432,582	\$ 5,847,327	\$ -
Opportunity Fund 154.01	Transfer from Fund 154.00	\$ 870,349	\$ 879,052	\$ 887,843	\$ 896,721	\$ 905,688	\$ 914,745	\$ 923,893	\$ 5,407,942		
	Expenditures	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,000,000		
	Ending Fund Balance	\$ 3,863,278	\$ 4,242,330	\$ 4,630,173	\$ 5,026,894	\$ 5,432,582	\$ 5,847,327	\$ 6,271,220	\$ 2,407,942		
2018 Beginning 154.02 Fund Balance:				\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000
USACE Project Match Fund 154.02	Transfer from Fund 154.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Expenditures	\$ -									
	Ending Fund Balance	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	

Option B

Pierce County Flood Control Zone District Six Year Financial Plan 2020 - 2025 10 Cents w/ New Construction & Interest																			
\$	12,411,769	2018	154 Fund Balance	2019	2020	2021	2022	2023	2024	2025	Total 2020-2025								
Beginning 154.00 Fund Balance		\$	3,418,840	\$	5,765,407	\$	3,652,868	\$	6,925,352	\$	6,820,570	\$	6,351,558	\$	4,923,766				
Operating Fund 154.00	Tax Assessment	\$	8,703,487	\$	11,416,326	\$	11,530,489	\$	11,645,794	\$	11,762,252	\$	11,879,875	\$	11,998,673	\$	70,233,409		
	Interest			\$	60,000	\$	60,000	\$	60,000	\$	60,000	\$	60,000	\$	60,000	\$	360,000		
	Total Revenue	\$	8,703,487	\$	11,476,326	\$	11,590,489	\$	11,705,794	\$	11,822,252	\$	11,939,875	\$	12,058,673	\$	70,593,409		
	Administration	\$	429,318	\$	442,198	\$	455,463	\$	469,127	\$	483,201	\$	497,697	\$	512,628	\$	2,860,315		
	Allocation for Strategic Reserve	\$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	300,000		
	Deposit into the Strategic Reserve			\$	2,500,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	2,500,000		
	Operations and Maintenance	\$	1,305,523	\$	1,712,449	\$	1,729,573	\$	1,746,869	\$	1,764,338	\$	1,781,981	\$	1,799,801	\$	10,535,011		
	Allocation for USACE Project Match	\$	-	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	6,000,000
	Allocation for Opportunity Fund	\$	870,349	\$	1,141,633	\$	1,153,049	\$	1,164,579	\$	1,176,225	\$	1,187,987	\$	1,199,867	\$	1,199,867	\$	7,023,341
	Capital Projects	\$	3,701,730	\$	6,742,586	\$	3,929,920	\$	7,380,000	\$	7,817,500	\$	8,850,000	\$	10,400,000	\$	45,120,006		
	Total Expenditures	\$	6,356,920	\$	13,588,865	\$	8,318,006	\$	11,810,576	\$	12,291,264	\$	13,367,666	\$	14,962,296	\$	74,338,673		
	Ending Fund Balance	\$	5,765,407	\$	3,652,868	\$	6,925,352	\$	6,820,570	\$	6,351,558	\$	4,923,766	\$	2,020,143				
Recommended Minimum Fund Balance (6 Months Administration and O&M)	\$	867,421	\$	1,077,323	\$	1,092,518	\$	1,107,998	\$	1,123,769	\$	1,139,839	\$	1,156,215					
Beginning Strategic & Emergent Needs Fund Balance		\$	-	\$	-	\$	2,450,000	\$	2,400,000	\$	2,350,000	\$	2,300,000	\$	2,250,000	\$	-		
Strategic Reserve	Transfer from Fund 154.00	\$	50,000	\$	2,500,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	2,500,000		
	Expenditures	\$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	300,000		
	Ending Fund Balance	\$	-	\$	2,450,000	\$	2,400,000	\$	2,350,000	\$	2,300,000	\$	2,250,000	\$	2,200,000	\$	2,200,000		
2018 Beginning 154.01 Fund Balance:		\$	3,492,929	\$	3,863,278	\$	4,504,910	\$	5,157,959	\$	5,822,539	\$	6,498,764	\$	7,186,751				
Opportunity Fund 154.01	Transfer from Fund 154.00	\$	870,349	\$	1,141,633	\$	1,153,049	\$	1,164,579	\$	1,176,225	\$	1,187,987	\$	1,199,867	\$	7,023,341		
	Expenditures	\$	500,000	\$	500,000	\$	500,000	\$	500,000	\$	500,000	\$	500,000	\$	500,000	\$	3,000,000		
	Ending Fund Balance	\$	3,863,278	\$	4,504,910	\$	5,157,959	\$	5,822,539	\$	6,498,764	\$	7,186,751	\$	7,886,619	\$	4,023,341		
2018 Beginning 154.02 Fund Balance:		\$	5,500,000	\$	5,500,000	\$	6,500,000	\$	7,500,000	\$	8,500,000	\$	9,500,000	\$	10,500,000	\$	11,500,000		
USACE Project Match Fund 154.02	Transfer from Fund 154.00	\$	-	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	6,000,000		
	Expenditures	\$	-																
	Ending Fund Balance	\$	5,500,000	\$	6,500,000	\$	7,500,000	\$	8,500,000	\$	9,500,000	\$	10,500,000	\$	11,500,000	\$	11,500,000		

Pierce County Flood Control Zone District CIP 2020 - 2025						
Project Name	2020	2021	2022	2023	2024	2025
Property Acquisition	\$ 3,825,000	\$ 3,500,000	\$ 3,480,000	\$ 3,517,500	\$ 3,100,000	\$ 3,400,000
With estimated \$/year for each project						
Alward Road Acquisition & Setback Levee	\$ 1,000,000	\$ 1,000,000	\$ 880,000	\$ -	\$ 600,000	\$ 900,000
Lower Puyallup Clear Creek Acquisition and Levee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Carbon River Setback Levee Left Bank			\$ -	\$ 167,500		
Carbon River Floodplain Connection Right Bank	\$ 125,000					
Neadham Road Acquisition & Revetment	\$ 350,000	\$ 350,000				
White River Butte Pit Setback	\$ 250,000	\$ 250,000	\$ 400,000	\$ 350,000		
Lower White River(Pacific Pt Bar, L Bank Setback, 24th Street Setback)	\$ 1,500,000	\$ 1,200,000	\$ 1,200,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000
Middle Puyallup 128th St Comp Study	\$ 300,000	\$ 400,000	\$ 1,000,000	\$ 500,000		
Calistoga Setback Phase 2 (Jones)	\$ 300,000	\$ 300,000				
Engineering / Studies / Construction	\$ 2,917,586	\$ 429,920	\$ 3,900,000	\$ 4,300,000	\$ 5,750,000	\$ 7,000,000
White River Butte Pit Setback		\$ -		\$ -	\$ -	\$ 3,000,000
Lower White River (Restoration; 24th Street Setback)	\$ 400,000	\$ -	\$ 1,500,000	\$ 1,500,000		\$ -
*** Lower White River (Sumner Point Bar)	\$ 250,000	\$ 200,000			\$ -	\$ -
Lower White River(Left Bank Setback)	\$ 250,000	\$ 200,000			\$ -	
Middle Puyallup 128th St Comp Study					\$ 2,000,000	\$ 2,000,000
Alward Setback Levee(Preliminary Engineering)	\$ 77,890	\$ 29,920	\$ -	\$ -	\$ -	\$ -
Carbon River Setback Levee Left Bank			\$ -		\$ 250,000	\$ 2,000,000
Calistoga/Ken Wolfe Levee Carry-over 2018	\$ 17,816					
Orville Road @ Kapowsin Creek			\$ 1,000,000			
Calistoga Setback Phase 2 Comp Study	\$ -				\$ 3,500,000	
Orville Road Revetment (Phase 2C)	\$ 515,000	\$ -				
Neadham Road Revetment			\$ 1,400,000	\$ 2,800,000		
Upper Nisqually Channel Migration Protection	\$ 1,406,880					
Total Six Year Capital Improvement Projects	\$ 6,742,586	\$ 3,929,920	\$ 7,380,000	\$ 7,817,500	\$ 8,850,000	\$ 10,400,000
Strategic and Emergent Needs Reserve	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
PS Shoreline Project	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Total (including funds from Strategic Reserve)	\$ 6,792,586	\$ 3,979,920	\$ 7,430,000	\$ 7,867,500	\$ 8,900,000	\$ 10,450,000

*** Please Note: This project formally known as Lower White River (Pacific Point Bar) is now called Sumner Point Bar