

# **PHYSICAL ENVIRONMENT**

**Governmental Projects**



## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000048A Treasure Island Nourishment 2014</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3008		Coastal Management Projects						
040.2	Testing-TDC	38,500	0	0	0	0	0	0	0	0	0	0	38,500
040.3	Testing-Grant	3,500	0	0	0	0	0	0	0	0	0	0	3,500
110.2	Other-TDC	200	0	0	0	0	0	0	0	0	0	0	200
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3008</i>	<i>Coastal Management Projects</i>							
		42,200	0	0	0	0	0	0	0	0	0	0	42,200
<b>Total for Project: 000048A</b>		<b>Treasure Island Nourishment 2014</b>	42,200	0	0	0	0	0	0	0	0	0	42,200
<b>Funding Source:</b>													
Grant - State		3,500	0	0	0	0	0	0	0	0	0	0	3,500
Tourist Development Tax		38,700	0	0	0	0	0	0	0	0	0	0	38,700
<b>Funding Total:</b>		42,200	0	0	0	0	0	0	0	0	0	0	42,200

**Project Description:** Design, construction and monitoring of 2014 beach nourishment of Sunshine Beach and Sunset Beach on Treasure Island. Design, permitting and construction by the US Army Corps of Engineers.

**Project Classifications:**

CIE Elements	Coastal Management Element
Commission District, At-Large	District 3 - Charlie Justice
Commission District, Single Member	District 6 - John Morroni
Location	Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000051A Madeira Beach Groin Repair and Replace</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3008	Coastal Management Projects								
110.2	Other-TDC NonCapital	0	0	0	71,000	0	0	0	0	0	0	0	71,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3008</i>	<i>Coastal Management Projects</i>								
		0	0	0	71,000	0	0	0	0	0	0	0	71,000
<b>Total for Project: 000051A Madeira Beach Groin Repair and Replace</b>		0	0	0	71,000	0	0	0	0	0	0	0	71,000
<b>Funding Source:</b>													
Tourist Development Tax		0	0	0	71,000	0	0	0	0	0	0	0	71,000
<b>Funding Total:</b>		0	0	0	71,000	0	0	0	0	0	0	0	71,000

**Project Description:** Repair and replace groins at Madeira Beach.

**Project Classifications:**

CIE Elements	Coastal Management Element
Commission District, At-Large	District 3 - Charlie Justice
Commission District, Single Member	District 6 - John Morroni
Location	Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000060A Beach Lighting</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3008	Coastal Management Projects								
110.2	Other-TDC Noncapital	0	0	80,000	0	0	80,000	0	0	80,000	0	0	240,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3008</i>	<i>Coastal Management Projects</i>								
		0	0	80,000	0	0	80,000	0	0	80,000	0	0	240,000
<b>Total for Project: 000060A Beach Lighting</b>		0	0	80,000	0	0	80,000	0	0	80,000	0	0	240,000
<b>Funding Source:</b>													
	Tourist Development Tax	0	0	80,000	0	0	80,000	0	0	80,000	0	0	240,000
<b>Funding Total:</b>		0	0	80,000	0	0	80,000	0	0	80,000	0	0	240,000

**Project Description:** Funding for coastal cities to install turtle-friendly lighting at beach assess points.

**Project Classifications:**

CIE Elements	Coastal Management Element
Location	Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000061A Hurricane Pass Improvements</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3008	Coastal Management Projects								
020.2	Design-TDC	0	0	0	40,000	10,000	0	0	0	0	0	0	50,000
030.2	Constr-TDC	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000
110.2	Other-TDC	0	0	0	2,000	30,000	0	0	0	0	0	0	32,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>	<b>Program: 3008</b>	<b>Coastal Management Projects</b>								
		0	0	0	42,000	1,040,000	0	0	0	0	0	0	1,082,000
<b>Total for Project: 000061A Hurricane Pass Improvements</b>		0	0	0	42,000	1,040,000	0	0	0	0	0	0	1,082,000
<b>Funding Source:</b>													
Tourist Development Tax		0	0	0	42,000	1,040,000	0	0	0	0	0	0	1,082,000
<b>Funding Total:</b>		0	0	0	42,000	1,040,000	0	0	0	0	0	0	1,082,000

**Project Description:** Design and construction of improvements to navigational channel at Hurricane Pass between Caladesi & Honeymoon Islands.

**Project Classifications:**

CIE Elements	Coastal Management Element
Commission District, At-Large	District 2 - Pat Gerard
Commission District, Single Member	District 4 - Dave Eggers
Location	Dunedin

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000077A    Habitat Restoration/Enhancement</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3009		Environmental Conservation Projects						
020.1	Design-Penny	13,000	0	0	0	0	0	0	0	0	0	0	13,000
030.1	Construction-Penny	100,000	460,000	63,000	0	0	0	0	0	0	0	0	623,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3009</i>	<i>Environmental Conservation Projects</i>							
		113,000	460,000	63,000	0	0	0	0	0	0	0	0	636,000
<b>Total for Project: 000077A</b>		<b>Habitat Restoration/Enhancement</b>	113,000	460,000	63,000	0	0	0	0	0	0	0	636,000
<b>Funding Source:</b>													
Penny for Pinellas		113,000	460,000	63,000	0	0	0	0	0	0	0	0	636,000
<b>Funding Total:</b>		113,000	460,000	63,000	0	0	0	0	0	0	0	0	636,000

**Project Description:** This program provides habitat restoration and enhancement as well as proper management of properties acquired through the endangered lands acquisition program.

**Project Classifications:**

CIE Elements	Natural Resource Conservation Element
Location	Countywide
Originating Department	Parks Department
Penny Program	Environmental Restoration and Protection

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000080A Mobbly Bay Habitat Restoration</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3009	Environmental Conservation Projects								
030.2	Construction-Grant	19,000	30,000	0	0	0	0	0	0	0	0	0	49,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3009</i>	<i>Environmental Conservation Projects</i>							
		19,000	30,000	0	0	0	0	0	0	0	0	0	49,000
<b>Total for Project: 000080A</b>		<b>Mobbly Bay Habitat Restoration</b>		0	0	0	0	0	0	0	0	0	49,000
<b>Funding Source:</b>													
	Grant - Local	19,000	30,000	0	0	0	0	0	0	0	0	0	49,000
<b>Funding Total:</b>		19,000	30,000	0	0	0	0	0	0	0	0	0	49,000

**Project Description:** Partnership with SWFWMD and city of Oldsmar to provide a comprehensive ecosystem restoration project including exotic species removal, wetland and upland creation and enhancement, and stormwater polishing, includes 5 years of monitoring & maintenance

**Project Classifications:**

CIE Elements	Natural Resource Conservation Element
Commission District, At-Large	District 1 - Janet C. Long
Commission District, Single Member	District 4 - Dave Eggers
Location	Safety Harbor, Oldsmar
Originating Department	Parks Department
Other Classifications	Surface Water Project
Penny Program	Environmental Restoration and Protection



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Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000081A Environmental Lands Fencing</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3009	Environmental Conservation Projects								
110.1	Other Costs-Penny	40,000	56,000	0	0	0	0	0	0	0	0	0	96,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3009</i>	<i>Environmental Conservation Projects</i>							
		40,000	56,000	0	0	0	0	0	0	0	0	0	96,000
<b>Total for Project: 000081A</b>		<b>Environmental Lands Fencing</b>											
		40,000	56,000	0	0	0	0	0	0	0	0	0	96,000
<b>Funding Source:</b>													
Penny for Pinellas		40,000	56,000	0	0	0	0	0	0	0	0	0	96,000
<b>Funding Total:</b>		40,000	56,000	0	0	0	0	0	0	0	0	0	96,000

**Project Description:** Survey boundaries and provide fencing along 4 preserves and 11 management areas. This will provide security for county owned lands as well as more secure environment for the flora and fauna of lands designated as preserves or management areas.

**Project Classifications:**

CIE Elements	Natural Resource Conservation Element
Location	Countywide
Originating Department	Parks Department
Penny Program	Environmental Restoration and Protection

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Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000083A 954 Weedon Island Preserve Salt Marsh Restor</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3009 Environmental Conservation Projects								
020.1	Design-Penny	25,000	25,000	0	0	0	0	0	0	0	0	0	50,000
020.2	Design-Grant	25,000	25,000	0	0	0	0	0	0	0	0	0	50,000
030.1	Construction-Penny	0	325,000	525,000	0	0	0	0	0	0	0	0	850,000
030.2	Construction-Grant	0	325,000	525,000	0	0	0	0	0	0	0	0	850,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>		<b>Program: 3009 Environmental Conservation Projects</b>								
		50,000	700,000	1,050,000	0	0	0	0	0	0	0	0	1,800,000
<b>Total for Project: 000083A 954 Weedon Island Preserve Salt Marsh Restor</b>		50,000	700,000	1,050,000	0	0	0	0	0	0	0	0	1,800,000
<b>Funding Source:</b>													
Grant - Future		0	325,000	525,000	0	0	0	0	0	0	0	0	850,000
Grant - Local		25,000	25,000	0	0	0	0	0	0	0	0	0	50,000
Penny for Pinellas		25,000	350,000	525,000	0	0	0	0	0	0	0	0	900,000
<b>Funding Total:</b>		50,000	700,000	1,050,000	0	0	0	0	0	0	0	0	1,800,000

**Project Description:** Removal of ditches will assist in restoring the coastal habitat to function more efficiently from a water quality and ecological perspective.

**Project Classifications:**

CIE Elements	Natural Resource Conservation Element
Commission District, At-Large	District 3 - Charlie Justice
Commission District, Single Member	District 6 - John Morroni
Location	St Petersburg
Originating Department	Parks Department
Penny Program	Environmental Restoration and Protection

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 00086A Treasure Island Sand Sharing</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3008		Coastal Management Projects						
020.2	Design-TDC Noncapita	0	0	3,000	0	0	0	0	0	0	0	0	3,000
030.2	Constr-TDC-Capit	0	0	250,000	0	0	0	0	0	0	0	0	250,000
030.3	Constr-Grant	0	0	250,000	0	0	0	0	0	0	0	0	250,000
110.2	Other-TDC Noncapital	0	0	3,000	0	0	0	0	0	0	0	0	3,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>		<b>Program: 3008</b>		<b>Coastal Management Projects</b>						
		0	0	506,000	0	0	0	0	0	0	0	0	506,000
<b>Total for Project: 00086A Treasure Island Sand Sharing</b>		0	0	506,000	0	0	0	0	0	0	0	0	506,000
<b>Funding Source:</b>													
Grant - Future		0	0	250,000	0	0	0	0	0	0	0	0	250,000
Tourist Development Tax		0	0	256,000	0	0	0	0	0	0	0	0	256,000
<b>Funding Total:</b>		0	0	506,000	0	0	0	0	0	0	0	0	506,000

**Project Description:** Reimbursement to Treasure Island for Sunset Beach nourishment using sand from central Treasure Island beach.

**Project Classifications:**

CIE Elements	Coastal Management Element
Commission District, At-Large	District 3 - Charlie Justice
Commission District, Single Member	District 7 - Kenneth T. Welch
Location	Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000129A Coastal Research/Coordination</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3008		Coastal Management Projects						
040.2	Testing-TDC	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,650,000
110.2	Other-TDC	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,650,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3008</i>	<i>Coastal Management Projects</i>							
		300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,300,000
<b>Total for Project: 000129A</b>		<i>Coastal Research/Coordination</i>	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,300,000
<b>Funding Source:</b>													
Tourist Development Tax		300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,300,000
<b>Funding Total:</b>		300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,300,000

**Project Description:** Funding for storm effects evaluations & nourishment performance by USF and general coastal management professional services.

**Project Classifications:**

CIE Elements Coastal Management Element  
Location Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000139A Dune Construction &amp; Walk-overs</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3008	Coastal Management Projects								
110.2	Other-TDC	170,000	154,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	999,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3008</i>	<i>Coastal Management Projects</i>							
		170,000	154,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	999,000
<b>Total for Project: 000139A</b>		<b>Dune Construction &amp; Walk-overs</b>											
		170,000	154,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	999,000
<b>Funding Source:</b>													
	Tourist Development Tax	170,000	154,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	999,000
<b>Funding Total:</b>		170,000	154,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	999,000

**Project Description:** Funding for construction of walkovers for coastal municipalities to stabilize and protect dunes.

**Project Classifications:**

CIE Elements	Coastal Management Element
Location	Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000150A Honeymoon Island Improvements</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3008		Coastal Management Projects						
040.2	Testing-TDC	15,000	13,000	15,000	0	20,000	0	0	0	0	0	0	63,000
040.3	Testing-Grant	43,000	39,000	43,000	0	60,000	0	0	0	0	0	0	185,000
110.2	Other-TDC	2,000	2,000	2,000	0	2,000	0	0	0	0	0	0	8,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>		<b>Program: 3008</b>		<b>Coastal Management Projects</b>						
		60,000	54,000	60,000	0	82,000	0	0	0	0	0	0	256,000
<b>Total for Project: 000150A Honeymoon Island Improvements</b>		<b>60,000</b>	<b>54,000</b>	<b>60,000</b>	<b>0</b>	<b>82,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>256,000</b>
<b>Funding Source:</b>													
Grant - State		43,000	39,000	43,000	0	60,000	0	0	0	0	0	0	185,000
Tourist Development Tax		17,000	15,000	17,000	0	22,000	0	0	0	0	0	0	71,000
<b>Funding Total:</b>		<b>60,000</b>	<b>54,000</b>	<b>60,000</b>	<b>0</b>	<b>82,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>256,000</b>

**Project Description:** Nourishment of beach and construction of sand retention structures to stabilize state park beach.

**Project Classifications:**

CIE Elements	Coastal Management Element
Commission District, At-Large	District 2 - Pat Gerard
Commission District, Single Member	District 4 - Dave Eggers
Location	Gulf Beaches

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Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000194A Sand Key Nourishment 2012</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3008	Coastal Management Projects								
040.1	Testing-Non Capital	77,000	0	0	0	0	0	0	0	0	0	0	77,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3008</i>	<i>Coastal Management Projects</i>								
		77,000	0	0	0	0	0	0	0	0	0	0	77,000
<b>Total for Project: 000194A Sand Key Nourishment 2012</b>		77,000	0	0	0	0	0	0	0	0	0	0	77,000
<b>Funding Source:</b>													
Tourist Development Tax		77,000	0	0	0	0	0	0	0	0	0	0	77,000
<b>Funding Total:</b>		77,000	0	0	0	0	0	0	0	0	0	0	77,000

**Project Description:** Design, construction, and testing of beach nourishment along Sand Key Island from Clearwater Pass to John's Pass. Project permitted and constructed by U. S. Army Corp of Engineers.

**Project Classifications:**

CIE Elements	Coastal Management Element
Commission District, At-Large	District 2 - Pat Gerard
Commission District, Single Member	District 5 - Karen Williams Seel
Location	Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 000219A Upham Beach Stabilization</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3008	Coastal Management Projects							
030.2	Constr-TDC	1,000,000	4,000,000	0	0	0	0	0	0	0	0	0	5,000,000
030.3	Constr-Grant	1,000,000	4,000,000	0	0	0	0	0	0	0	0	0	5,000,000
040.2	Testing-TDC	7,000	21,000	17,500	22,500	22,500	0	0	0	0	0	0	90,500
040.3	Testing-Grant	1,500	21,000	17,500	22,500	22,500	0	0	0	0	0	0	85,000
110.2	Other-TDC	250,000	5,000	2,500	2,500	2,500	0	0	0	0	0	0	262,500
110.3	Other-Grant	185,000	0	0	0	0	0	0	0	0	0	0	185,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>	<b>Program: 3008</b>	<b>Coastal Management Projects</b>								
		2,443,500	8,047,000	37,500	47,500	47,500	0	0	0	0	0	0	10,623,000
<b>Total for Project: 000219A Upham Beach Stabilization</b>		<b>2,443,500</b>	<b>8,047,000</b>	<b>37,500</b>	<b>47,500</b>	<b>47,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,623,000</b>
<b>Funding Source:</b>													
Grant - State		1,186,500	4,021,000	17,500	22,500	22,500	0	0	0	0	0	0	5,270,000
Tourist Development Tax		1,257,000	4,026,000	20,000	25,000	25,000	0	0	0	0	0	0	5,353,000
<b>Funding Total:</b>		<b>2,443,500</b>	<b>8,047,000</b>	<b>37,500</b>	<b>47,500</b>	<b>47,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,623,000</b>

**Project Description:** Design, construction, and maintenance of temporary and permanent (rock) structures at Upham Beach, a non-federal project.

**Project Classifications:**

CIE Elements	Coastal Management Element
Commission District, At-Large	District 3 - Charlie Justice
Commission District, Single Member	District 6 - John Morroni
Location	Gulf Beaches



## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate												
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
<b>Function: Physical Environment</b>														
<b>Activity: Conservation &amp; Resources</b>														
<b>Project: 001008A 4 Lakes Hammock Public Use Infrastructure</b>														
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3009	Environmental Conservation Projects									
020.1	Design-Penny	47,000	42,000	0	0	0	0	0	0	0	0	0	89,000	
030.1	Construction-Penny	0	365,000	420,000	0	0	0	0	0	0	0	0	785,000	
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>	<b>Program: 3009</b>	<b>Environmental Conservation Projects</b>									
		47,000	407,000	420,000	0	0	0	0	0	0	0	0	874,000	
<b>Total for Project: 001008A 4 Lakes Hammock Public Use Infrastructure</b>		47,000	407,000	420,000	0	0	0	0	0	0	0	0	874,000	
<b>Funding Source:</b>														
Grant - Local		47,000	42,000	0	0	0	0	0	0	0	0	0	89,000	
Penny for Pinellas		0	365,000	420,000	0	0	0	0	0	0	0	0	785,000	
<b>Funding Total:</b>		47,000	407,000	420,000	0	0	0	0	0	0	0	0	874,000	

**Project Description:** Project provides for public use structures on the northern areas of Brooker Creek Preserve as required by a Florida Communities Trust Fund Florida Forever Land acquisition grant.

**Project Classifications:**

CIE Elements	Natural Resource Conservation Element
Commission District, At-Large	District 1 - Janet C. Long
Commission District, Single Member	District 4 - Dave Eggers
Drainage Basin	04 Brooker Creek
Location	Tarpon Springs
Originating Department	Parks Department
Penny Program	Environmental Restoration and Protection

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 001040A Long Key Pass-A-Grille Beach Nourishment 2014</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3008	Coastal Management Projects								
040.2	Testing-TDC	3,500	0	0	0	0	0	0	0	0	0	0	3,500
040.3	Testing-Grant	3,500	0	0	0	0	0	0	0	0	0	0	3,500
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3008</i>	<i>Coastal Management Projects</i>							
		7,000	0	0	0	0	0	0	0	0	0	0	7,000
<b>Total for Project: 001040A</b>		<b>Long Key Pass-A-Grille Beach Nourishment 2014</b>	7,000	0	0	0	0	0	0	0	0	0	7,000
<b>Funding Source:</b>													
Grant - State		3,500	0	0	0	0	0	0	0	0	0	0	3,500
Tourist Development Tax		3,500	0	0	0	0	0	0	0	0	0	0	3,500
<b>Funding Total:</b>		7,000	0	0	0	0	0	0	0	0	0	0	7,000

**Project Description:** Beach nourishment project from 1st Street N to about 20th Street in St. Pete Beach as needed.

**Project Classifications:**

CIE Elements	Coastal Management Element
Commission District, At-Large	District 3 - Charlie Justice
Commission District, Single Member	District 6 - John Morroni
Location	Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 001041A Sand Key Nourishment 2018</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3008	Coastal Management Projects							
020.2	Design-TDC	350,000	0	0	0	0	0	0	0	0	0	0	350,000
020.3	Design-Grant	350,000	0	0	0	0	0	0	0	0	0	0	350,000
030.2	Constr-TDC	0	2,851,435	0	0	0	0	0	0	0	0	0	2,851,435
030.3	Constr-Grant	0	2,851,435	0	0	0	0	0	0	0	0	0	2,851,435
040.2	Testing-TDC	0	15,000	15,000	15,000	0	0	0	0	0	0	0	45,000
040.3	Testing-Grant	0	15,000	15,000	15,000	0	0	0	0	0	0	0	45,000
110.2	Other-TDC	10,000	2,000	2,000	2,000	0	0	0	0	0	0	0	16,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>		<b>Program: 3008</b>	<b>Coastal Management Projects</b>							
		710,000	5,734,870	32,000	32,000	0	0	0	0	0	0	0	6,508,870
<b>Total for Project: 001041A Sand Key Nourishment 2018</b>		<b>710,000</b>	<b>5,734,870</b>	<b>32,000</b>	<b>32,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,508,870</b>
<b>Funding Source:</b>													
Grant - State		350,000	2,866,435	15,000	15,000	0	0	0	0	0	0	0	3,246,435
Tourist Development Tax		360,000	2,868,435	17,000	17,000	0	0	0	0	0	0	0	3,262,435
<b>Funding Total:</b>		<b>710,000</b>	<b>5,734,870</b>	<b>32,000</b>	<b>32,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,508,870</b>

**Project Description:** Design, construction, and testing of beach nourishment project along Sand Key Island from Clearwater Pass to John's Pass. Project permitting and construction by US Army Corps of Engineers.

**Project Classifications:**

CIE Elements	Coastal Management Element
Commission District, At-Large	District 2 - Pat Gerard
Commission District, Single Member	District 5 - Karen Williams Seel
Location	Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 001514A Long Key Upham Nourishment 2018</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3008		Coastal Management Projects						
020.2	Design-TDC	10,000	0	0	0	0	0	0	0	0	0	0	10,000
020.3	Design-Grant	10,000	0	0	0	0	0	0	0	0	0	0	10,000
030.2	Constr-TDC	0	1,850,000	0	0	0	0	0	0	0	0	0	1,850,000
030.3	Constr-Grant	0	1,850,000	0	0	0	0	0	0	0	0	0	1,850,000
040.2	Testing-TDC	0	2,500	2,500	2,500	0	0	0	0	0	0	0	7,500
040.3	Testing-Grant	0	2,500	2,500	2,500	0	0	0	0	0	0	0	7,500
110.2	Other-TDC	0	1,000	1,000	1,000	0	0	0	0	0	0	0	3,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>	<b>Program: 3008</b>	<b>Coastal Management Projects</b>								
		20,000	3,706,000	6,000	6,000	0	0	0	0	0	0	0	3,738,000
<b>Total for Project: 001514A Long Key Upham Nourishment 2018</b>													
		20,000	3,706,000	6,000	6,000	0	0	0	0	0	0	0	3,738,000
<b>Funding Source:</b>													
Grant - State		10,000	1,852,500	2,500	2,500	0	0	0	0	0	0	0	1,867,500
Tourist Development Tax		10,000	1,853,500	3,500	3,500	0	0	0	0	0	0	0	1,870,500
<b>Funding Total:</b>		20,000	3,706,000	6,000	6,000	0	0	0	0	0	0	0	3,738,000

**Project Description:** Design, construction and testing of beach nourishment along Long Key at Upham Beach. Pass-A-Grille also nourished if needed. Project permitted and constructed by US Army Corps of Engineers.

**Project Classifications:**

CIE Elements	Coastal Management Element
Commission District, At-Large	District 3 - Charlie Justice
Commission District, Single Member	District 6 - John Morroni
Location	Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate												
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
<b>Function: Physical Environment</b>														
<b>Activity: Conservation &amp; Resources</b>														
<b>Project: 001515A Treasure Island Nourishment 2018</b>														
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3008	Coastal Management Projects								
030.2	Constr-TDC	0	1,585,000	0	0	0	0	0	0	0	0	0	1,585,000	
030.3	Constr-Grant	0	1,585,000	0	0	0	0	0	0	0	0	0	1,585,000	
040.2	Testing-TDC	0	5,000	5,000	5,000	0	0	0	0	0	0	0	15,000	
040.3	Testing-Grant	0	5,000	5,000	5,000	0	0	0	0	0	0	0	15,000	
110.2	Other-TDC	2,000	1,000	1,000	1,000	0	0	0	0	0	0	0	5,000	
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>	<b>Program: 3008</b>	<b>Coastal Management Projects</b>									
		2,000	3,181,000	11,000	11,000	0	0	0	0	0	0	0	3,205,000	
<b>Total for Project: 001515A Treasure Island Nourishment 2018</b>				11,000	11,000	0	0	0	0	0	0	0	3,205,000	
<b>Funding Source:</b>														
	Grant - Future	0	1,590,000	5,000	5,000	0	0	0	0	0	0	0	1,600,000	
	Tourist Development Tax	2,000	1,591,000	6,000	6,000	0	0	0	0	0	0	0	1,605,000	
<b>Funding Total:</b>		2,000	3,181,000	11,000	11,000	0	0	0	0	0	0	0	3,205,000	

**Project Description:** Design, construction and testing of beach nourishment along Treasure Island at Sunset and Sunshine beaches. Project permitted and constructed by US Army Corps of Engineers.

**Project Classifications:**

CIE Elements	Coastal Management Element
Commission District, At-Large	District 3 - Charlie Justice
Commission District, Single Member	District 6 - John Morroni
Location	Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
<b>Function: Physical Environment</b>														
<b>Activity: Conservation &amp; Resources</b>														
<b>Project: 001516A Sand Key Nourishment 2023</b>														
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment			Program: 3008	Coastal Management Projects							
020.2	Design-TDC		0	0	0	0	0	400,000	0	0	0	0	400,000	
020.3	Design-Grant		0	0	0	0	0	400,000	0	0	0	0	400,000	
030.2	Constr-TDC		0	0	0	0	0	0	6,500,000	375,000	0	0	6,875,000	
030.3	Constr-Grant		0	0	0	0	0	0	6,500,000	375,000	0	0	6,875,000	
040.2	Testing-TDC		0	0	0	0	0	0	15,000	15,000	15,000	0	45,000	
040.3	Testing-Grant		0	0	0	0	0	0	15,000	15,000	15,000	0	45,000	
110.2	Other-TDC		0	0	0	0	2,000	10,000	2,000	2,000	2,000	0	18,000	
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>	<b>Program: 3008</b>			<b>Coastal Management Projects</b>							
			0	0	0	0	0	802,000	13,010,000	782,000	32,000	32,000	0	14,658,000
<b>Total for Project: 001516A Sand Key Nourishment 2023</b>			0	0	0	0	0	802,000	13,010,000	782,000	32,000	32,000	0	14,658,000
<b>Funding Source:</b>														
Grant - Future			0	0	0	0	0	400,000	6,500,000	390,000	15,000	15,000	0	7,320,000
Tourist Development Tax			0	0	0	0	0	402,000	6,510,000	392,000	17,000	17,000	0	7,338,000
<b>Funding Total:</b>			0	0	0	0	0	802,000	13,010,000	782,000	32,000	32,000	0	14,658,000

**Project Description:** Design, construction and testing of beach nourishment along Sand Key Island from Clearwater Pass to John's Pass. Project permitted and constructed by US Army Corps of Engineers.

**Project Classifications:**

Commission District, At-Large	District 2 - Pat Gerard
Commission District, Single Member	District 5 - Karen Williams Seel
Location	Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 002573A Long Key Nourishment 2022</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3008	Coastal Management Projects							
020.2	Design-TDC	0	0	0	0	150,000	0	0	0	0	0	0	150,000
020.3	Design-Grant	0	0	0	0	150,000	0	0	0	0	0	0	150,000
030.2	Constr-TDC	0	0	0	0	0	1,000,000	0	0	0	0	0	1,000,000
030.3	Constr-Grant	0	0	0	0	0	1,000,000	0	0	0	0	0	1,000,000
040.2	Testing-TDC	0	0	0	0	0	0	5,000	5,000	5,000	0	0	15,000
040.3	Testing-Grant	0	0	0	0	0	0	5,000	5,000	5,000	0	0	15,000
110.2	Other-TDC	0	0	0	0	1,000	2,000	1,000	1,000	1,000	0	0	6,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>		<b>Program: 3008</b>	<b>Coastal Management Projects</b>							
		0	0	0	0	301,000	2,002,000	11,000	11,000	11,000	0	0	2,336,000
<b>Total for Project: 002573A Long Key Nourishment 2022</b>		0	0	0	0	301,000	2,002,000	11,000	11,000	11,000	0	0	2,336,000
<b>Funding Source:</b>													
Grant - Future		0	0	0	0	150,000	1,000,000	5,000	5,000	5,000	0	0	1,165,000
Tourist Development Tax		0	0	0	0	151,000	1,002,000	6,000	6,000	6,000	0	0	1,171,000
<b>Funding Total:</b>		0	0	0	0	301,000	2,002,000	11,000	11,000	11,000	0	0	2,336,000

**Project Description:** Tasks for construction, monitoring and management of the Long Key nourishment project for 2022.

**Project Classifications:**

Commission District, At-Large	District 3 - Charlie Justice
Commission District, Single Member	District 6 - John Morroni
Location	Gulf Beaches

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Conservation &amp; Resources</b>													
<b>Project: 002574A Treasure Island Nourishment 2022</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3008	Coastal Management Projects							
020.2	Design-TDC	0	0	0	0	150,000	0	0	0	0	0	0	150,000
020.3	Design-Grant	0	0	0	0	150,000	0	0	0	0	0	0	150,000
030.2	Constr-TDC	0	0	0	0	0	2,200,000	0	0	0	0	0	2,200,000
030.3	Constr-Grant	0	0	0	0	0	2,200,000	0	0	0	0	0	2,200,000
040.2	Testing-TDC	0	0	0	0	0	0	5,000	5,000	5,000	0	0	15,000
040.3	Testing-Grant	0	0	0	0	0	0	5,000	5,000	5,000	0	0	15,000
110.2	Other-TDC	0	0	0	0	1,000	2,000	1,000	1,000	1,000	0	0	6,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>		<b>Program: 3008</b>	<b>Coastal Management Projects</b>							
		0	0	0	0	301,000	4,402,000	11,000	11,000	11,000	0	0	4,736,000
<b>Total for Project: 002574A Treasure Island Nourishment 2022</b>													
		0	0	0	0	301,000	4,402,000	11,000	11,000	11,000	0	0	4,736,000
<b>Funding Source:</b>													
Grant - Future		0	0	0	0	150,000	2,200,000	5,000	5,000	5,000	0	0	2,365,000
Tourist Development Tax		0	0	0	0	151,000	2,202,000	6,000	6,000	6,000	0	0	2,371,000
<b>Funding Total:</b>		0	0	0	0	301,000	4,402,000	11,000	11,000	11,000	0	0	4,736,000

**Project Description:** Tasks for construction, monitoring and management of the Treasure Island nourishment project for 2022.

**Project Classifications:**

Commission District, At-Large	District 3 - Charlie Justice
Commission District, Single Member	District 6 - John Morroni
Location	Gulf Beaches



**Pinellas County Capital Improvement Program  
Project Budget Detail Report**

Fund Type: Governmental

	<b>Current Year Estimate</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>Total</b>
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**Function: Physical Environment  
Activity: Conservation & Resources**

**Project: 002577A    Honeymoon Island Future Nourishments**

Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3008	Coastal Management Projects								
020.2	Design-TDC	0	0	37,500	0	0	0	0	37,500	0	0	0	75,000
020.3	Design-Grant	0	0	112,500	0	0	0	0	112,500	0	0	0	225,000
030.3	Constr-Grant	0	0	0	1,500,000	0	0	0	0	1,500,000	0	0	3,000,000
040.2	Testing-TDC	0	0	0	25,000	25,000	25,000	25,000	25,000	25,000	0	0	150,000
040.3	Testing-Grant	0	0	0	75,000	75,000	75,000	75,000	75,000	75,000	0	0	450,000
110.2	Other-TDC	0	0	0	5,000	5,000	5,000	5,000	15,000	5,000	0	0	40,000
<b>Project Total for : Fund: 3001    Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>	<b>Program: 3008</b>	<b>Coastal Management Projects</b>								
		0	0	150,000	1,605,000	105,000	105,000	105,000	265,000	1,605,000	0	0	3,940,000
<b>Total for Project: 002577A    Honeymoon Island Future Nourishments</b>		0	0	150,000	1,605,000	105,000	105,000	105,000	265,000	1,605,000	0	0	3,940,000
<b>Funding Source:</b>													
	Grant - Future	0	0	112,500	1,575,000	75,000	75,000	75,000	187,500	1,575,000	0	0	3,675,000
	Tourist Development Tax	0	0	37,500	30,000	30,000	30,000	30,000	77,500	30,000	0	0	265,000
<b>Funding Total:</b>		0	0	150,000	1,605,000	105,000	105,000	105,000	265,000	1,605,000	0	0	3,940,000

**Project Description:** Tasks for construction, monitoring and management of future Honeymoon Island nourishment projects.

**Project Classifications:**

Commission District, At-Large	District 2 - Pat Gerard
Commission District, Single Member	District 4 - Dave Eggers
Location	Dunedin

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 000105A Antilles &amp; Oakhurst Drainage Improvements</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3012	Flood Control Projects								
030.1	Constr-Penny	350,000	0	0	0	0	0	0	0	0	0	0	350,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3012</i>	<i>Flood Control Projects</i>							
		350,000	0	0	0	0	0	0	0	0	0	0	350,000
<b>Total for Project: 000105A</b>		<i>Antilles &amp; Oakhurst Drainage Improvements</i>											
		350,000	0	0	0	0	0	0	0	0	0	0	350,000
<b>Funding Source:</b>													
	Penny for Pinellas	350,000	0	0	0	0	0	0	0	0	0	0	350,000
<b>Funding Total:</b>		350,000	0	0	0	0	0	0	0	0	0	0	350,000

**Project Description:** Drainage improvements to alleviate street flooding.

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Commission District, At-Large	District 1 - Janet C. Long
Commission District, Single Member	District 6 - John Morroni
Drainage Basin	28 Coastal Zone 5
Location	Largo, Belleair, Belleair Bluffs
Other Classifications	Surface Water Project
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 000133A Curlew Creek Channel A Improvements - Republic Dr to Belcher Rd</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3010	Channel Erosion Projects								
030.1	Constr-Penny	35,000	0	0	0	0	0	0	0	0	0	0	35,000
110.1	Other-Penny	9,000	0	0	0	0	0	0	0	0	0	0	9,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>	<b>Program: 3010</b>	<b>Channel Erosion Projects</b>								
		44,000	0	0	0	0	0	0	0	0	0	0	44,000
<b>Total for Project: 000133A Curlew Creek Channel A Improvements - Republic Dr to Belcher Rd</b>		44,000	0	0	0	0	0	0	0	0	0	0	44,000
<b>Funding Source:</b>													
Penny for Pinellas		44,000	0	0	0	0	0	0	0	0	0	0	44,000
<b>Funding Total:</b>		44,000	0	0	0	0	0	0	0	0	0	0	44,000

**Project Description:** Channel improvements within Doral Village consisting of box culvert and Gabion erosion protection along with bank stabilization. The category of 'Other' is for planting required by permits.

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Commission District, At-Large	District 2 - Pat Gerard
Commission District, Single Member	District 4 - Dave Eggers
Drainage Basin	10 Curlew Creek
Location	Dunedin
Other Classifications	Surface Water Project
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

	Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
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**Function: Physical Environment**

**Activity: Flood Control**

**Project: 000156A Lake Seminole Alum Injection**

Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3014	Surface Water Quality Projects								
030.1	Constr-Penny	370,000	0	0	0	0	0	0	0	0	0	0	370,000
030.3	Constr-Grant Local	20,000	0	0	0	0	0	0	0	0	0	0	20,000
030.6	Constr-Grant State	235,000	0	0	0	0	0	0	0	0	0	0	235,000
030.7	Constr-Grant Fed	115,000	0	0	0	0	0	0	0	0	0	0	115,000
040.1	Testing-Penny	0	3,000	0	0	0	0	0	0	0	0	0	3,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>	<b>Program: 3014</b>	<b>Surface Water Quality Projects</b>								
		740,000	3,000	0	0	0	0	0	0	0	0	0	743,000
<b>Total for Project: 000156A Lake Seminole Alum Injection</b>		740,000	3,000	0	0	0	0	0	0	0	0	0	743,000
<b>Funding Source:</b>													
Grant - State		235,000	0	0	0	0	0	0	0	0	0	0	235,000
Grant - Local		20,000	0	0	0	0	0	0	0	0	0	0	20,000
Penny for Pinellas		370,000	3,000	0	0	0	0	0	0	0	0	0	373,000
Grant - Federal		115,000	0	0	0	0	0	0	0	0	0	0	115,000
<b>Funding Total:</b>		740,000	3,000	0	0	0	0	0	0	0	0	0	743,000

**Project Description:** The project will reduce pollutant loadings from priority tributaries to Lake Seminole resulting in improved water quality and aquatic habitat.

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Commission District, At-Large	District 2 - Pat Gerard
Commission District, Single Member	District 5 - Karen Williams Seel
Drainage Basin	26 Lake Seminole
Location	Seminole
Other Classifications	Surface Water Project
Penny Program	Environmental Restoration and Protection

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 000157A Lake Seminole Sediment Removal</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3014	Surface Water Quality Projects							
020.1	Design-Penny	45,000	10,000	0	0	5,000	0	0	0	0	0	0	60,000
020.3	Design-Grant	45,000	10,000	0	0	5,000	0	0	0	0	0	0	60,000
030.1	Constr-Penny	0	3,000,000	2,486,200	1,800,000	995,000	0	0	0	0	0	0	8,281,200
030.3	Constr-Grant	0	3,000,000	2,486,200	1,800,000	995,000	0	0	0	0	0	0	8,281,200
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3014</i>	<i>Surface Water Quality Projects</i>							
		90,000	6,020,000	4,972,400	3,600,000	2,000,000	0	0	0	0	0	0	16,682,400
<b>Total for Project: 000157A</b>		<b>Lake Seminole Sediment Removal</b>											
		90,000	6,020,000	4,972,400	3,600,000	2,000,000	0	0	0	0	0	0	16,682,400
<b>Funding Source:</b>													
Grant - Local		45,000	3,010,000	2,486,200	1,800,000	1,000,000	0	0	0	0	0	0	8,341,200
Penny for Pinellas		45,000	3,010,000	2,486,200	1,800,000	1,000,000	0	0	0	0	0	0	8,341,200
<b>Funding Total:</b>		90,000	6,020,000	4,972,400	3,600,000	2,000,000	0	0	0	0	0	0	16,682,400

**Project Description:** Dredging of sediment from Lake Seminole to improve lake water quality.

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Commission District, At-Large	District 2 - Pat Gerard
Commission District, Single Member	District 5 - Karen Williams Seel
Drainage Basin	26 Lake Seminole
Location	Seminole
Other Classifications	Surface Water Project
Penny Program	Environmental Restoration and Protection

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 000183A Pinellas Trail - 54th Avenue Drainage Improvements</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3012	Flood Control Projects								
020.1	Design-Penny	150,000	23,000	0	0	0	0	0	0	0	0	0	173,000
030.1	Constr-Penny	0	1,700,000	0	0	0	0	0	0	0	0	0	1,700,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3012</i>	<i>Flood Control Projects</i>							
		150,000	1,723,000	0	0	0	0	0	0	0	0	0	1,873,000
<b>Total for Project: 000183A</b>		<b>Pinellas Trail - 54th Avenue Drainage Improvements</b>											
		150,000	1,723,000	0	0	0	0	0	0	0	0	0	1,873,000
<b>Funding Source:</b>													
Penny for Pinellas		150,000	1,723,000	0	0	0	0	0	0	0	0	0	1,873,000
<b>Funding Total:</b>		150,000	1,723,000	0	0	0	0	0	0	0	0	0	1,873,000

**Project Description:** Reduction of flooding at several locations: Pinellas Trail from 100th Way to KOA campground; 54th Ave N from 104th to 100th Way and 97th Way/54th Ave N.

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Commission District, At-Large	District 1 - Janet C. Long
Commission District, Single Member	District 6 - John Morroni
Drainage Basin	26 Lake Seminole
Location	Seminole
Other Classifications	Surface Water Project
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
<b>Function: Physical Environment</b>														
<b>Activity: Flood Control</b>														
<b>Project: 000207A Stormwater Conveyance System Improvement Program</b>														
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3013	Storm Sewer Rehab Projects									
020.1	Design-Penny	1,000,000	225,000	200,000	0	0	0	0	0	0	0	0	1,425,000	
020.5	Design-Unfunded	0	0	0	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	3,600,000	
030.1	Constr-Penny	1,608,500	1,275,000	400,000	0	0	0	0	0	0	0	0	3,283,500	
030.5	Constr-Unfunded	0	0	0	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	36,000,000	
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3013</i>	<i>Storm Sewer Rehab Projects</i>								
		2,608,500	1,500,000	600,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	44,308,500	
<b>Total for Project: 000207A</b>		<b>Stormwater Conveyance System Improvement Program</b>												
		2,608,500	1,500,000	600,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	44,308,500	
<b>Funding Source:</b>														
Unfunded		0	0	0	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	39,600,000	
Penny for Pinellas		2,608,500	1,500,000	600,000	0	0	0	0	0	0	0	0	4,708,500	
<b>Funding Total:</b>		2,608,500	1,500,000	600,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	4,950,000	44,308,500	

**Project Description:** Replacement of inadequate stormwater systems at locations throughout the County identified by maintenance observations/citizen's requests. Specific Projects are planned through a prioritization process.

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Drainage Basin	Countywide
Location	Countywide
Other Classifications	Surface Water Project
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

Current Year Estimate	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
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**Function: Physical Environment**

**Activity: Flood Control**

**Project: 000296A Regional Stormwater Quality**

Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3014	Surface Water Quality Projects								
021.3	Design-Penny-Capital	115,000	121,000	185,300	0	0	0	0	0	0	0	0	421,300
021.4	Design-Grant State	0	50,000	0	0	0	0	0	0	0	0	0	50,000
021.5	Design-Grant Loc	0	20,000	0	0	0	0	0	0	0	0	0	20,000
030.2	Constr-Penny-Capit	0	1,410,000	0	0	0	0	0	0	0	0	0	1,410,000
030.5	Constr-Grant State	0	1,010,000	0	0	0	0	0	0	0	0	0	1,010,000
030.6	Constr-Grant Loc	0	130,000	0	0	0	0	0	0	0	0	0	130,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>	<b>Program: 3014</b>	<b>Surface Water Quality Projects</b>								
		115,000	2,741,000	185,300	0	0	0	0	0	0	0	0	3,041,300
<b>Total for Project: 000296A Regional Stormwater Quality</b>													
		115,000	2,741,000	185,300	0	0	0	0	0	0	0	0	3,041,300
<b>Funding Source:</b>													
	Grant - State	0	1,060,000	0	0	0	0	0	0	0	0	0	1,060,000
	Grant - Local	0	150,000	0	0	0	0	0	0	0	0	0	150,000
	Penny for Pinellas	115,000	1,531,000	185,300	0	0	0	0	0	0	0	0	1,831,300
<b>Funding Total:</b>													
		115,000	2,741,000	185,300	0	0	0	0	0	0	0	0	3,041,300

**Project Description:** Providing stormwater treatment for large areas, the County can meet state mandated Total Maximum Daily Load and National Pollutant Discharge Elimination System regulations & meet current water Quality treatment requirements for Stormwater discharges.

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Location	Countywide
Other Classifications	Surface Water Project
Penny Program	Drainage and Stormwater



## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 000969A Drainage Pond Compliance Program</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3012	Flood Control Projects								
020.1	Design-Penny	49,500	49,500	49,500	20,000	0	0	0	0	0	0	0	168,500
030.1	Constr-Penny	0	250,000	250,000	80,000	0	0	0	0	0	0	0	580,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>	<b>Program: 3012</b>	<b>Flood Control Projects</b>								
		49,500	299,500	299,500	100,000	0	0	0	0	0	0	0	748,500
<b>Total for Project: 000969A Drainage Pond Compliance Program</b>		49,500	299,500	299,500	100,000	0	0	0	0	0	0	0	748,500
<b>Funding Source:</b>													
Penny for Pinellas		49,500	299,500	299,500	100,000	0	0	0	0	0	0	0	748,500
<b>Funding Total:</b>		49,500	299,500	299,500	100,000	0	0	0	0	0	0	0	748,500

**Project Description:** Improvements to existing ponds for permit compliance.

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Location	Countywide
Other Classifications	Surface Water Project
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 000970A Creek Erosion Control Program</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3012 Flood Control Projects								
020.5	Design-Unfunded	0	0	0	20,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	230,000
030.5	Constr-Unfunded	0	0	0	750,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,750,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>		<b>Program: 3012 Flood Control Projects</b>								
		0	0	0	770,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	7,980,000
<b>Total for Project: 000970A Creek Erosion Control Program</b>		0	0	0	770,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	7,980,000
<b>Funding Source:</b>													
Unfunded		0	0	0	770,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	7,980,000
<b>Funding Total:</b>		0	0	0	770,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	7,980,000

**Project Description:** Erosion control along countywide conveyances.

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Location	Countywide
Other Classifications	Surface Water Project
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

	Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
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**Function: Physical Environment**

**Activity: Flood Control**

**Project: 001177A Lakeshore Estates Roadway & Drainage Improvements**

Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3013	Storm Sewer Rehab Projects							
030.5	Constr-Penny	87,500	771,000	0	0	0	0	0	0	0	0	858,500
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3013</i>	<i>Storm Sewer Rehab Projects</i>						
		87,500	771,000	0	0	0	0	0	0	0	0	858,500
<b>Total for Project: 001177A</b>		<b>Lakeshore Estates Roadway &amp; Drainage Improvements</b>										
		87,500	771,000	0	0	0	0	0	0	0	0	858,500
<b>Funding Source:</b>												
	Penny for Pinellas	87,500	771,000	0	0	0	0	0	0	0	0	858,500
<b>Funding Total:</b>		87,500	771,000	0	0	0	0	0	0	0	0	858,500

**Project Description:** Lakeshore Estates Roadway & Drainage Improvements

**Project Classifications:**

CIE Elements	Not Applicable
CIP Phase	Construction
County Road Corridor	Not Applicable
Location	Palm Harbor, East Lake
Originating Department	DEI Public Works
Penny Program	Transportation and Traffic Flow
Transportation Impact Fee District	Countywide

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
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**Function: Physical Environment**

**Activity: Flood Control**

**Project: 001638A Granger Drive Drainage Improvements**

Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3013	Storm Sewer Rehab Projects								
030.1	Constr-Penny	118,000	1,200,000	0	0	0	0	0	0	0	0	0	1,318,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3013</i>	<i>Storm Sewer Rehab Projects</i>							
		118,000	1,200,000	0	0	0	0	0	0	0	0	0	1,318,000
<b>Total for Project: 001638A</b>		<b>Granger Drive Drainage Improvements</b>											
		118,000	1,200,000	0	0	0	0	0	0	0	0	0	1,318,000
<b>Funding Source:</b>													
	Penny for Pinellas	118,000	1,200,000	0	0	0	0	0	0	0	0	0	1,318,000
<b>Funding Total:</b>		118,000	1,200,000	0	0	0	0	0	0	0	0	0	1,318,000

**Project Description:** Drainage improvements to alleviate street flooding on Granger Drive.

**Project Classifications:**

CIE Elements	Drainage Element
CIP Phase	Design
Drainage Basin	14 Alligator Creek
Location	Clearwater
Originating Department	DEI Public Works
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

	Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
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**Function: Physical Environment**

**Activity: Flood Control**

**Project: 002064A Storm Sewer Pipeline Repair/Rehabilitation and CIPP**

Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3013	Storm Sewer Rehab Projects								
030.1	Constr-Penny	839,000	1,105,000	825,000	0	0	0	0	0	0	0	0	2,769,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3013</i>	<i>Storm Sewer Rehab Projects</i>							
		839,000	1,105,000	825,000	0	0	0	0	0	0	0	0	2,769,000
<b>Total for Project: 002064A</b>		<b>Storm Sewer Pipeline Repair/Rehabilitation and CIPP</b>			0	0	0	0	0	0	0	0	2,769,000
		839,000	1,105,000	825,000	0	0	0	0	0	0	0	0	2,769,000
<b>Funding Source:</b>													
	Penny for Pinellas	839,000	1,105,000	825,000	0	0	0	0	0	0	0	0	2,769,000
<b>Funding Total:</b>		839,000	1,105,000	825,000	0	0	0	0	0	0	0	0	2,769,000

**Project Description:** Storm sewer pipeline repair/rehabilitation and Curred in Place Pipelining (CIPP)

**Project Classifications:**

CIE Elements	Drainage Element
CIP Phase	Construction
Drainage Basin	Countywide
Location	Countywide
Originating Department	DEI Public Works
Other Classifications	Surface Water Project
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 002116A Georgia Avenue Drainage from Seaford Avenue to Disston Street</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3013	Storm Sewer Rehab Projects								
030.5	Constr-Penny	50,000	760,000	0	0	0	0	0	0	0	0	0	810,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3013</i>	<i>Storm Sewer Rehab Projects</i>							
		50,000	760,000	0	0	0	0	0	0	0	0	0	810,000
<b>Total for Project: 002116A</b>		<b>Georgia Avenue Drainage from Seaford Avenue to Disston Street</b>											
		50,000	760,000	0	0	0	0	0	0	0	0	0	810,000
<b>Funding Source:</b>													
	Penny for Pinellas	50,000	760,000	0	0	0	0	0	0	0	0	0	810,000
<b>Funding Total:</b>		50,000	760,000	0	0	0	0	0	0	0	0	0	810,000

**Project Description:** Project drainage limits are from Seaford Avenue to Disston Street along Georgia Avenue

**Project Classifications:**

CIP Phase	Construction
Drainage Basin	07 Sutherland Bayou
Location	Palm Harbor, East Lake
Originating Department	DEI Public Works
Penny Program	Drainage and Stormwater



## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 002121A Bee Branch Phase I</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3010	Channel Erosion Projects								
020.5	Design-Penny	80,000	15,000	0	0	0	0	0	0	0	0	0	95,000
030.5	Constr-Penny	0	500,000	300,000	0	0	0	0	0	0	0	0	800,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3010</i>	<i>Channel Erosion Projects</i>							
		80,000	515,000	300,000	0	0	0	0	0	0	0	0	895,000
<b>Total for Project: 002121A</b>		<i>Bee Branch Phase I</i>											
		80,000	515,000	300,000	0	0	0	0	0	0	0	0	895,000
<b>Funding Source:</b>													
Penny for Pinellas		80,000	515,000	300,000	0	0	0	0	0	0	0	0	895,000
<b>Funding Total:</b>		80,000	515,000	300,000	0	0	0	0	0	0	0	0	895,000

**Project Description:** Bank stabilization, erosion control and drainage structure replacement along Bee Branch Creek from 14th Street to just east of Omaha Street.

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Commission District, At-Large	District 2 - Pat Gerard
Commission District, Single Member	District 4 - Dave Eggers
Drainage Basin	08 Smith Bayou
Location	Palm Harbor, East Lake
Penny Program	Drainage and Stormwater



## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 002123A Roosevelt Channel 5 Improvements</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3012	Flood Control Projects								
020.1	Design-Penny	60,000	140,000	0	0	0	0	0	0	0	0	0	200,000
030.1	Constr-Penny	0	250,000	2,100,000	0	0	0	0	0	0	0	0	2,350,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3012</i>	<i>Flood Control Projects</i>							
		60,000	390,000	2,100,000	0	0	0	0	0	0	0	0	2,550,000
<b>Total for Project: 002123A</b>		<b>Roosevelt Channel 5 Improvements</b>	60,000	390,000	2,100,000	0	0	0	0	0	0	0	2,550,000
<b>Funding Source:</b>													
Penny for Pinellas		60,000	390,000	2,100,000	0	0	0	0	0	0	0	0	2,550,000
<b>Funding Total:</b>		60,000	390,000	2,100,000	0	0	0	0	0	0	0	0	2,550,000

**Project Description:** Project addresses existing flooding to roads and structures and identifies water quality improvement alternatives for the Roosevelt Creek Channel 5 basin.

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Drainage Basin	07 Sutherland Bayou
Location	Clearwater
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 002124A Cross Bayou Improvements</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment		Program: 3012		Flood Control Projects						
010.1	Acq-Penny	0	200,000	0	0	0	0	0	0	0	0	0	200,000
020.1	Design-Penny	222,000	500,000	0	0	0	0	0	0	0	0	0	722,000
030.1	Constr-Penny	0	200,000	3,000,000	0	0	0	0	0	0	0	0	3,200,000
<b>Project Total for : Fund: 3001 Capital Projects</b>		<b>Center: 413100</b>	<b>CIP-Physical Environment</b>	<b>Program: 3012</b>		<b>Flood Control Projects</b>							
		222,000	900,000	3,000,000	0	0	0	0	0	0	0	0	4,122,000
<b>Total for Project: 002124A Cross Bayou Improvements</b>		222,000	900,000	3,000,000	0	0	0	0	0	0	0	0	4,122,000
<b>Funding Source:</b>													
Penny for Pinellas		222,000	900,000	3,000,000	0	0	0	0	0	0	0	0	4,122,000
<b>Funding Total:</b>		222,000	900,000	3,000,000	0	0	0	0	0	0	0	0	4,122,000

**Project Description:** Improve conveyance through Cross Bayou Canal and reduce duration of flooding. Removed material should be tested to account for pollutant removal.

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Commission District, At-Large	District 1 - Janet C. Long
Commission District, Single Member	District 6 - John Morroni
Drainage Basin	24 Cross Bayou
Location	Largo
Location	Pinellas Park
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 002227A N Rena Drive Drainage Improvements North of Ulmerton Road &amp; West of 66th Street N</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3012	Flood Control Projects								
020.5	Design-Penny	150,000	11,000	0	0	0	0	0	0	0	0	0	161,000
030.5	Constr-Penny	0	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3012</i>	<i>Flood Control Projects</i>							
		150,000	1,011,000	0	0	0	0	0	0	0	0	0	1,161,000
<b>Total for Project: 002227A</b>		<i>N Rena Drive Drainage Improvements North of Ulmerton Road &amp; West of 66th Street N</i>											
		150,000	1,011,000	0	0	0	0	0	0	0	0	0	1,161,000
<b>Funding Source:</b>													
Penny for Pinellas		150,000	1,011,000	0	0	0	0	0	0	0	0	0	1,161,000
<b>Funding Total:</b>		150,000	1,011,000	0	0	0	0	0	0	0	0	0	1,161,000

**Project Description:** Drainage Study/ Preliminary Report required to develop a study analyzing the drainage in the N Rena Drive area to provide alternatives to alleviate flooding and improve water quality in the area of concern.

**Project Classifications:**

CIE Elements	Drainage Element
Commission District, At-Large	District 1 - Janet C. Long
Commission District, Single Member	District 5 - Karen Williams Seel
Drainage Basin	24 Cross Bayou
Location	Largo, Belleair, Belleair Bluffs
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 002308A Highland Avenue Pipe Replacement from Jeffords Street to Pine Street</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3013	Storm Sewer Rehab Projects								
030.1	Constr-Penny	40,000	1,000,000	0	0	0	0	0	0	0	0	0	1,040,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3013</i>	<i>Storm Sewer Rehab Projects</i>							
		40,000	1,000,000	0	0	0	0	0	0	0	0	0	1,040,000
<b>Total for Project: 002308A</b>		<b>Highland Avenue Pipe Replacement from Jeffords Street to Pine Street</b>											
		40,000	1,000,000	0	0	0	0	0	0	0	0	0	1,040,000
<b>Funding Source:</b>													
	Penny for Pinellas	40,000	1,000,000	0	0	0	0	0	0	0	0	0	1,040,000
<b>Funding Total:</b>		40,000	1,000,000	0	0	0	0	0	0	0	0	0	1,040,000

**Project Description:** Removal of the existing system and replace with an updated one.

**Project Classifications:**

CIE Elements	Drainage Element
CIP Phase	Construction
Drainage Basin	18 Stevensons Creek
Location	Clearwater
Originating Department	DEI Public Works
Other Classifications	Surface Water Project
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 002508A 22nd Avenue S Drainage Improvements from 51st Street to 55th Street</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3013	Storm Sewer Rehab Projects								
030.1	Constr-Penny	57,000	1,200,000	0	0	0	0	0	0	0	0	0	1,257,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3013</i>	<i>Storm Sewer Rehab Projects</i>							
		57,000	1,200,000	0	0	0	0	0	0	0	0	0	1,257,000
<b>Total for Project: 002508A</b>		<b>22nd Avenue S Drainage Improvements from 51st Street to 55th Street</b>											
		57,000	1,200,000	0	0	0	0	0	0	0	0	0	1,257,000
<b>Funding Source:</b>													
Penny for Pinellas		57,000	1,200,000	0	0	0	0	0	0	0	0	0	1,257,000
<b>Funding Total:</b>		57,000	1,200,000	0	0	0	0	0	0	0	0	0	1,257,000

**Project Description:** Drainage system modification to eliminate street flooding on 22nd Avenue South between 51st Street and 55th Street South.

**Project Classifications:**

CIE Elements	Drainage Element
CIP Phase	Construction
Location	Gulfport, South Pasadena
Originating Department	DEI Public Works
Penny Program	Drainage and Stormwater

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Flood Control</b>													
<b>Project: 002625A Surface Water Pipe Lining/Remove &amp; Replace</b>													
Fund: 1094	Surface Water Utility Fund	Center: 436051	Stormwater Management		Program: 2205 Surface Water								
020.1	Design Remv & Replc	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,300,000
030.1	Constrct Remv & Repl	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	15,400,000
030.3	Construct Pipe Line	800,000	800,000	800,000	800,000	800,000	800,000	800,000	800,000	800,000	800,000	800,000	8,800,000
<b>Project Total for : Fund: 1094 Surface Water Utility Fund</b>		<b>Center: 436051</b>	<b>Stormwater Management</b>		<b>Program: 2205 Surface Water</b>								
		2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	27,500,000
<b>Total for Project: 002625A Surface Water Pipe Lining/Remove &amp; Replace</b>		<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>27,500,000</b>
<b>Funding Source:</b>													
Surface Water Utility Fee		2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	27,500,000
<b>Funding Total:</b>		<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>27,500,000</b>

**Project Description:** Replacement or lining inadequate stormwater systems at locations throughout the County, identified through the County's asset management process. Specific Projects are planned through a prioritization process.

**Project Classifications:**

Location Countywide  
Other Classifications Surface Water Project

## Pinellas County Capital Improvement Program Project Budget Detail Report

Fund Type: Governmental

	Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
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**Function: Physical Environment**

**Activity: Flood Control**

**Project: 002921A Land Acquisition for Stormwater Retention**

Fund: 1009	Community Developmnt Grnt	Center: 242210	Community Dev-Grants&Aids	Program: 1331	Community Vitality & Improvement								
110.2	GF-Other Costs	40,000	195,000	0	0	0	0	0	0	0	0	0	235,000
<b>Project Total for : Fund: 1009 Community Developmnt Grnt</b>		<b>Center: 242210</b>	<b>Community Dev-Grants&amp;Aids</b>	<b>Program: 1331</b>	<b>Community Vitality &amp; Improvement</b>								
		40,000	195,000	0	0	0	0	0	0	0	0	0	235,000
<b>Total for Project: 002921A Land Acquisition for Stormwater Retention</b>													
		40,000	195,000	0	0	0	0	0	0	0	0	0	235,000
<b>Funding Source:</b>													
	General Fund	40,000	195,000	0	0	0	0	0	0	0	0	0	235,000
<b>Funding Total:</b>													
		40,000	195,000	0	0	0	0	0	0	0	0	0	235,000

**Project Description:** Land Acquisition for Stormwater Retention

**Project Classifications:**

CIE Elements	Surface Water Management (Flood Control)
Commission District, At-Large	District 3 - Charlie Justice
Commission District, Single Member	District 7 - Kenneth T. Welch
Location	Lealman/Kenneth City
Originating Department	Community Development

**Pinellas County Capital Improvement Program  
Project Budget Detail Report**

Fund Type: Governmental

		Current Year Estimate 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>Function: Physical Environment</b>													
<b>Activity: Other Physical Environment</b>													
<b>Project: 000075A Pinewood Cultural Park Preservation Site</b>													
Fund: 3001	Capital Projects	Center: 413100	CIP-Physical Environment	Program: 3016	Extension/Botanical Gardens Projects								
030.1	Construct-Penny	60,000	180,000	0	0	0	0	0	0	0	0	0	240,000
<b>Project Total for : Fund: 3001</b>		<i>Capital Projects</i>	<i>Center: 413100</i>	<i>CIP-Physical Environment</i>	<i>Program: 3016</i>	<i>Extension/Botanical Gardens Projects</i>							
		60,000	180,000	0	0	0	0	0	0	0	0	0	240,000
<b>Total for Project: 000075A</b>		<b>Pinewood Cultural Park Preservation Site</b>											
		60,000	180,000	0	0	0	0	0	0	0	0	0	240,000
<b>Funding Source:</b>													
	Penny for Pinellas	60,000	180,000	0	0	0	0	0	0	0	0	0	240,000
<b>Funding Total:</b>		60,000	180,000	0	0	0	0	0	0	0	0	0	240,000

**Project Description:** Construct ADA accessible trails, interpretive signage, replant habitats, and visitor amenities.

**Project Classifications:**

CIE Elements	Recreation , Open Space & Culture
Commission District, At-Large	District 2 - Pat Gerard
Commission District, Single Member	District 5 - Karen Williams Seel
Location	Largo, Belleair, Belleair Bluffs
Originating Department	Parks Department
Penny Program	Parks, Recreation and Culture



**Pinellas County Capital Improvement Program  
Project Budget Detail Report**

Fund Type: Governmental

	<b>Current Year Estimate 2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>Total</b>
<b>Report Total:</b>	12,551,200	46,843,370	17,572,700	14,139,500	12,731,500	16,246,000	21,992,000	9,924,000	10,594,000	8,887,000	8,855,000	180,336,270