June 10, 2026 - Budget Work Session

Subject
Stormwater Maintenance Priorities

Category
AGENDA ITEMS

Briefings
None

Contact and/or Presenter Information
Thomas Gerstenberger, P.E., Stormwater Engineering Division Manager, Public Works Dept., ext. 7228
Scott Chapman, Field Operations Chief, Property Management Dept., ext. 7466

Action Requested
No Action Required

Enabling/Regulating Authority
N/A

Applicable Advisory Board
N/A

Background Discussion
Staff presentation regarding stormwater maintenance program including budget and CIP overview; completed contractual maintenance projects; locations requiring an initial cleaning through contractual maintenance; and subsequent annual (interval) of contractual maintenance.

Attorney Review
Not Reviewed (No apparent legal issues)

Instructions to Board Records
None

Cost and Funds Source Account Number and Name
N/A

Amount and Frequency of Recurring Costs

Stormwater Maintenance Priorities

June 10, 2026

Presented by:
Thomas Gerstenberger, P.E.

Compiled with Assistance:
Stormwater Maintenance Division
Highway Maintenance

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Stormwater Overview

FY26 FTEs and Budget

Team/Organization	FTEs	Adopted Budget
Stormwater Maintenance – Property Management	60	$20,505,147
Annual Maintenance (Pipe, Canal, Aquatic, etc.)		$14,934,549
Stormwater Engineering – Public Works	7	$3,978,386
Stormwater Outfall Sediment Removal (End of Pipe)		$550,000

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Adopted FY 26-30 C IP

FY26 and FY27 Programmed Projects

Project	Start	Programmed Funding
Rattlesnake Slough Regional Storage	2027	$2,650,000
Cedar Drain Channel Improvements	2026	$3,207,072
Palm Aire Pipe Replacement and Rehabilitation	2026	$8,605,701
Rattlesnake Slough Channel Improvements	2026	$1,142,851
River Club Stormwater Pipe Replacement and Rehabilitation	2027	$2,445,868
Sylvan Oaks Stormwater Improvement	2027	$1,334,684
Wade Canal Channel Improvements	2026	$1,642,920

Total Programmed FY 26 & 27 Budget = $21,029,096

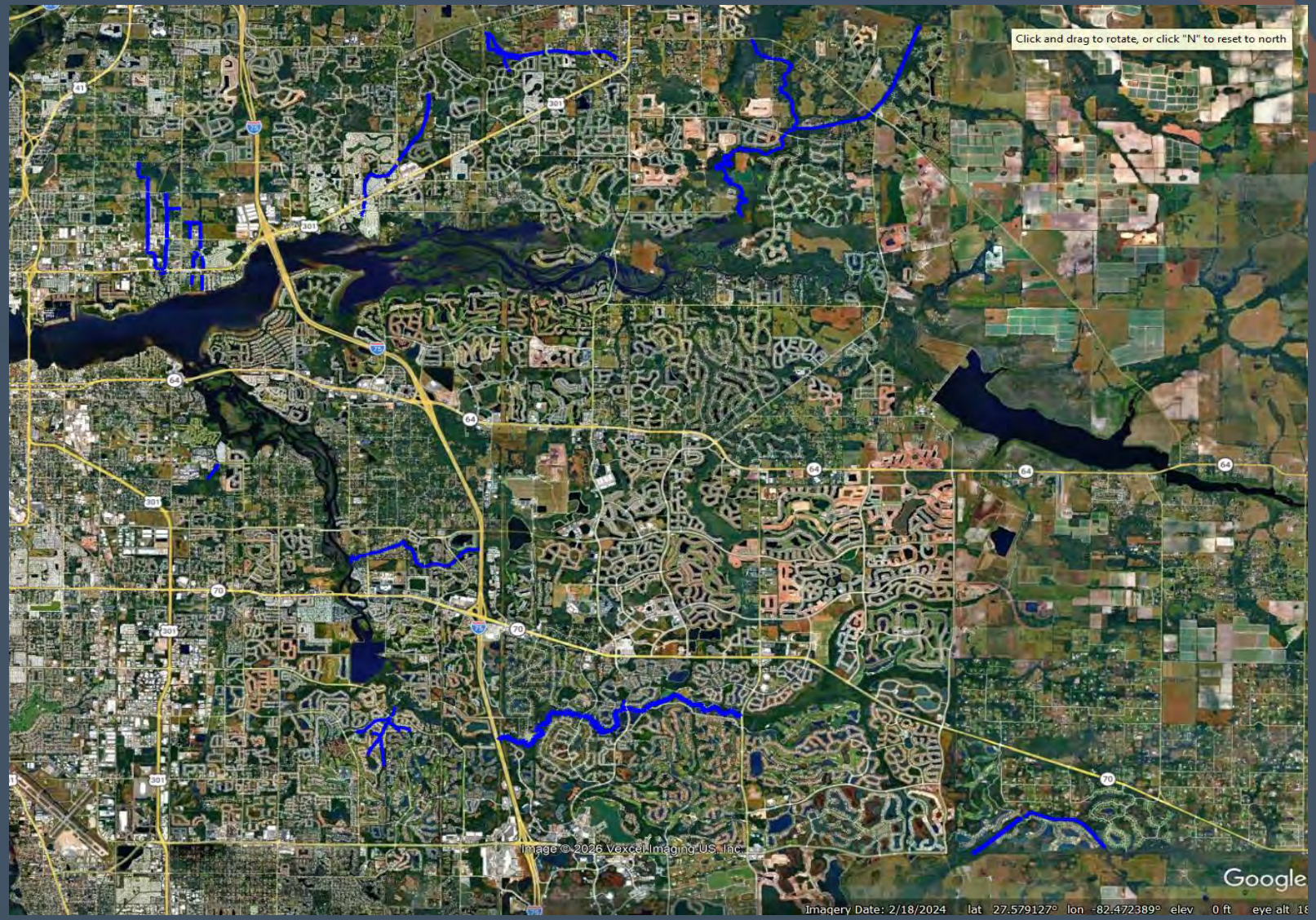
Suggestions

- Utilize channel improvement projects for baseline survey and record Maintenance-Access and Drainage Easements where needed for access.
- Replacement and Rehabilitation projects evaluate condition of drainage infrastructure and either repair, slip line, or replace existing pipelines.

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Contractual Maintenance

Locations Initial Cleaning Completed



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Contractual Maintenance Projects

Locations Initial Cleaning Completed

Maintained Drainage System (Canal)	Length (Linear Feet)	Cost
Gamble Creek	32,655	$1,633,734
Braden River	30,657	$1,887,537
Williams Creek	13,104	$530,250
Wade Canal	16,693	$47,200
Sugarhouse Creek (Portion)	1,635	$84,250
Slaughter Canal (Portion)	11,304	$668,230
Frye Canal	14,650	$1,314,466
Cedar Creek	13,942	$1,335,627
Concession (Portion)	12,164	$18,936

Total Cost = $7,520,230

Scope of Work – Canal Clearing:

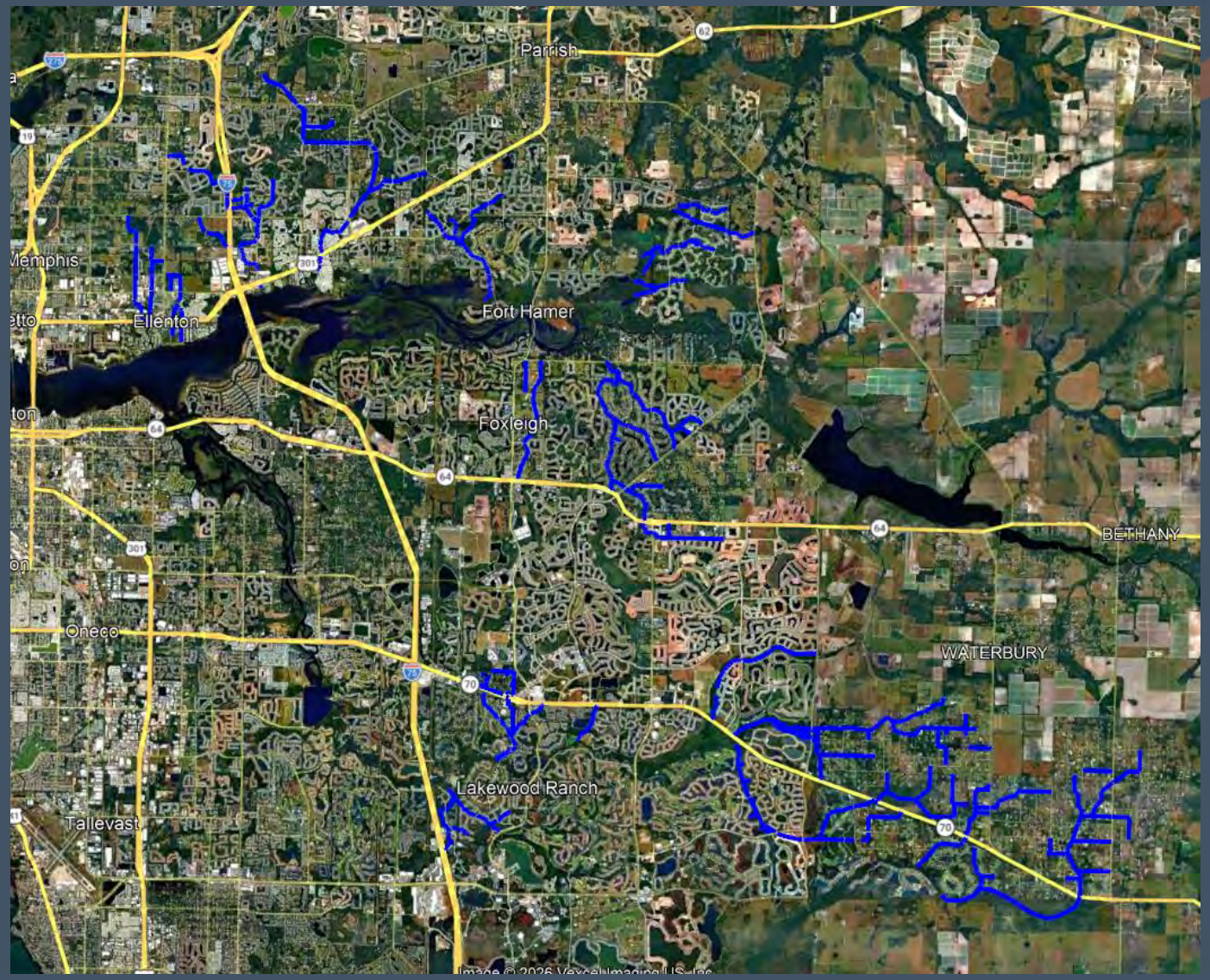
Provide all labor, equipment, and disposal necessary to clear the designated canal flowways from top of bank (TOB) to top of bank. Work includes hand clearing and removal of brush, vegetation, trees, limbs, snags, hangers, debris, and any obstructions that impede or may impede the natural flow of water.

Contractor shall cut, trim, and remove vegetation and debris as necessary to establish and maintain an open flow line throughout the canal. Removed material may be placed onsite in approved wooded areas, chipped, or hauled offsite for proper disposal based on site conditions and the most practical and economical method.

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Contractual Maintenance

Locations Which Require Initial Cleaning



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Contractual Maintenance Projects

Locations Which Require Initial Cleaning

Drainage System	Length (Linear Feet)	Cost Estimate *
Mill Creek	56,604	$2,428,312
Braden River Tributaries	30,296	$1,299,698
Old Tampa Road/River Wilderness	20,611	$884,212
Twin Rivers	34,059	$1,461,131
Pomello Park/Bourneside Road	143,246	$6,145,253
Sugar House Creek (Portion)	9,209	$395,066
Rattlesnake Slough	21,956	$941,912
Gates Creek	16,819	$721,535
Government Hammock	31,317	$1,343,499
Lakewood Ranch Tributaries	19,054	$817,417
Panther Ridge / Concessions (Portion)	56,294	$2,415,013

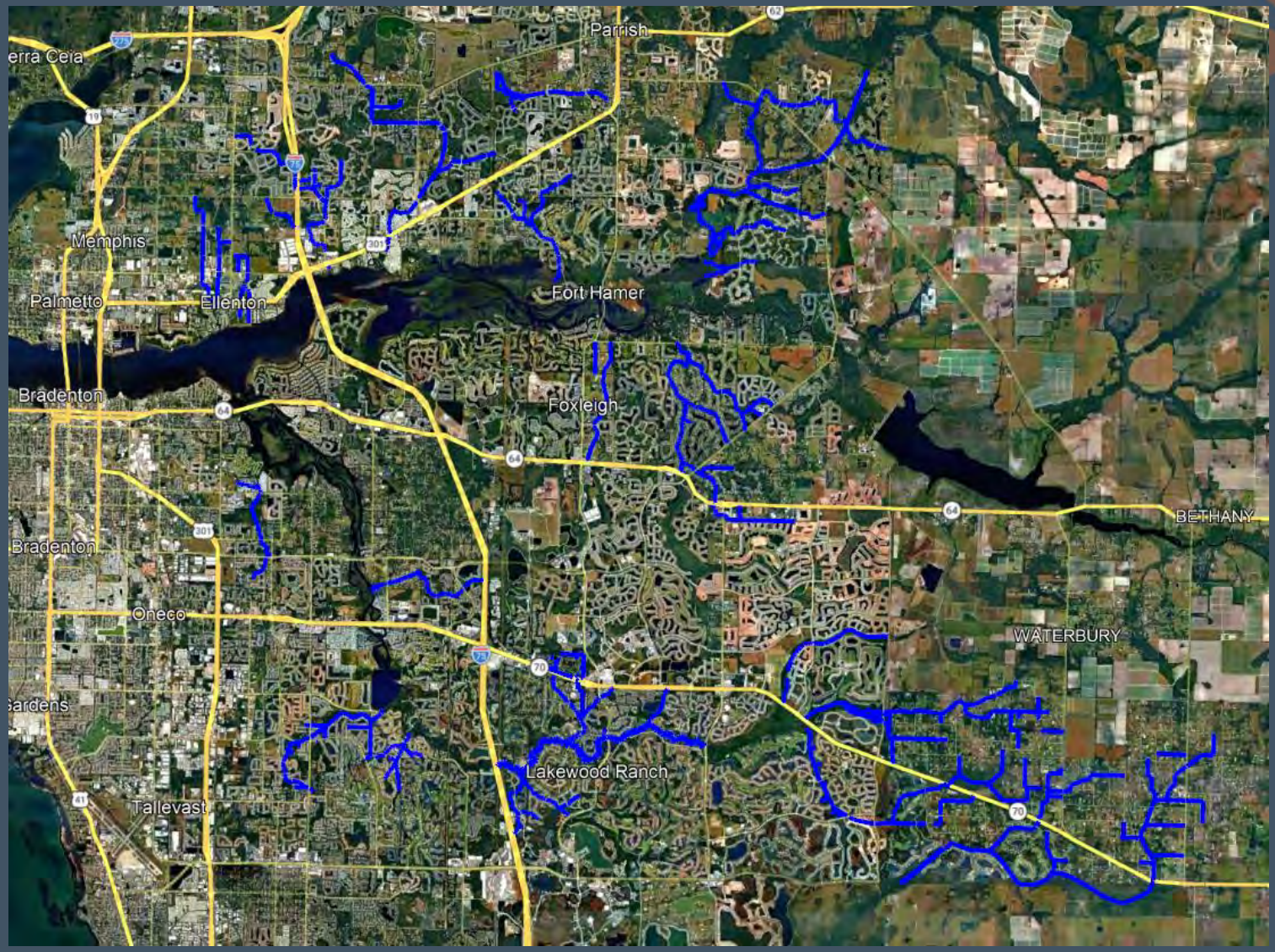
Total Cost Estimate = $18,853,048

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*Based on an average of $42.90 per Linear Foot Cost Estimates range from $1.35 / LF to $281.19 /LF from previous initial canal cleanings.

Contractual Maintenance

Annual (Interval) Cleaning Locations



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Contractual Maintenance Projects

Annual Cleaning: Locations Which Require Initial Cleaning

Drainage System	Length (Linear Feet)	Annual Cleaning Cost Estimate
Mill Creek	56,604	$169,812.00
Braden River Tributaries	30,296	$90,888.00
Old Tampa Road/River Wilderness	20,611	$61,833.00
Twin Rivers	34,059	$102,177.00
Pomello Park/Bourneside Road	143,246	$429,738.00
Sugarhouse Creek (Portion)	9,209	$32,532.00
Rattlesnake Slough	21,956	$65,868.00
Gates Creek	16,819	$50,457.00
Government Hammock	31,317	$93,951.00
Lakewood Ranch Tributaries	19,054	$57,162.00
Panther Ridge/ Concession (Portion)	68,458	$205,374.00

Continue to next slide...

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Contractual Maintenance Projects

Annual Cleaning: Locations Which Do Not Require Initial Cleaning

Drainage System	Length (Linear Feet)	Annual Cleaning Cost Estimate
Gamble Creek	32,655	$97,965.00
Braden River	30,657	$91,971.00
Williams Creek	13,104	$39,312.00
Wade Canal / Harrison Ranch	16,693	$50,079.00
Sugarhouse Creek (Portion)	10,844	$32,532.00
Slaughter Drain/Old Mill/Thousand Oaks	43,404	$130,212.00
Frye Canal/Waterhole Creek/Foxbrook	30,039	$90,117.00
Cedar Creek	13,942	$41,826.00

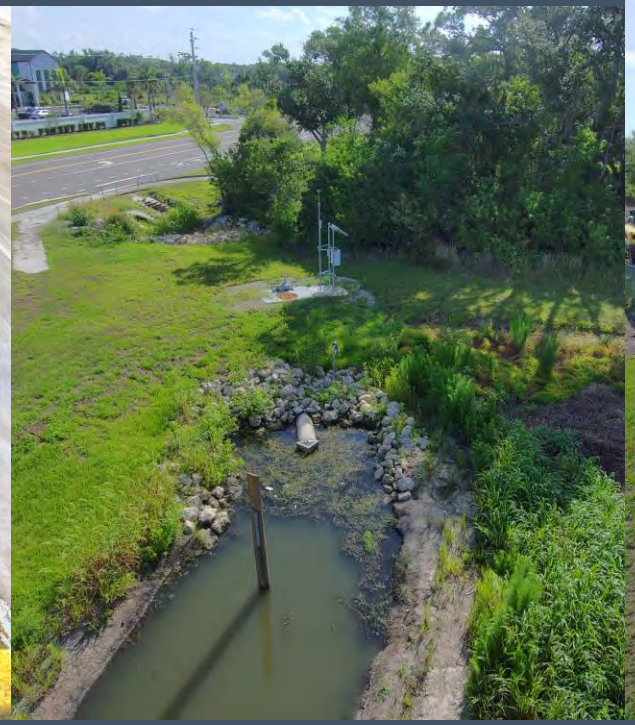
Total Cost Estimate = $1,901,274.00

Maintenance and clearing of canal and drainage system assets using handheld equipment. Activities include weed eating of banks, cutting of saplings, cut stump treatment, collection & disposal of small fallen limbs, disposal of vegetative material generated from work and litter.

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Questions?







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MANATEE COUNTY GOVERNMENT
Capital Improvement Plan
FY2027 - FY2031 Uses of Funds by Project and Category

Stormwater Maintenance Priorities
OPTION #1: CIP Re-allocation

IST_Yes_And_No

Stormwater				Actual	Budget	Start	FY2027	FY2028	FY2029	FY2030	FY2031	FY27-31 Total	Future	Grand Total
Other_Stormwater														
Project #	Status	District	Project											
PJ6024262	Existing	District 4	Atlas Organics - Automated Outfall Structures	24,813	1,456,533	2025	-	-	-	-	-	-	-	1,456,533
PJ6028801	Existing	Multi-district	Wares Creek - Canal Dredging	28,399,606	29,171,100	1995	-	-	-	-	-	-	-	29,171,100
PJ6028902	Existing	Multi-district	Rattlesnake Slough Channel Improvements	-	1,142,851	2026	-	-	-	-	3,872,225	3,872,225	-	5,015,076
PJ6042402	Existing	District 4	Governor Ron DeSantis Park Flood Mitigation	258,278	3,291,632	2024	-	-	-	-	-	-	-	3,291,632
PJ6044460	Existing	Multi-district	CR 675 - 53rd Ave E to 49th Ave E Stormwater Improvements	-	167,790	2026	-	-	906,067	-	-	906,067	-	1,073,857
PJ6045382	Existing	District 4	Palm Aire Stormwater Pipe Replacement and Rehabilitation	-	1,648,171	2026	3,478,765	3,478,765	-	-	-	6,957,530	-	8,605,701
PJ6048480	Existing	District 1	Cedar Drain Channel Improvements	-	730,772	2026	2,476,300	-	-	-	-	2,476,300	-	3,207,072
PJ6048481	Existing	District 1	Wade Canal Channel Improvements	-	1,642,920	2026	-	-	-	-	5,566,534	5,566,534	-	7,209,454
PJ6068362	Existing	District 4	Rio Mar at Sarasota Automated Outfall Structures	151,486	1,871,298	2025	-	-	-	-	-	-	-	1,871,298
PJ6096000	Existing	District 4	Polynesian Village Discharge to Pittsburg Drain	22,325	975,000	2020	-	-	-	-	-	-	-	975,000
PJ6096800	Existing	District 3	Hawthorne Park Sediment Basin Installation	58,369	390,000	2020	-	-	-	-	-	-	-	390,000
PJ6101900	Existing	District 2	Mockingbird Hill/Samoset Canal Improvements at 27th St E/34th Ave. E	214,266	1,920,090	2020	-	-	-	-	-	-	-	1,920,090
PJ6106300	Existing	District 4	Bowlees Creek Flood Mitigation (SaraBay/Shadbrook area)	3,691,922	4,820,638	2021	-	-	-	-	-	-	-	4,820,638
PJ6106400	Existing	District 4	Meadors Subdivision/Pennsylvania Avenue Flow Diversion	307,696	460,700	2021	-	-	-	-	-	-	-	460,700
PJ6111400	Existing	District 4	Sunniland and North Palm Lake	676,037	1,578,260	2022	-	-	-	-	-	-	-	1,578,260
PJ6113800	Existing	District 2	59th Ave Dr W Bradenton Storm Drain Replacement	3,850	286,000	2023	-	-	-	-	-	-	-	286,000
PJ6113900	Existing	District 3	87th St Ct NW Storm Sewer Replacement	-	565,000	2023	-	-	-	-	-	-	-	565,000
PJ6114200	Existing	District 3	Cortez Village and Sunny Shores Pipe Replacement	82,343	442,582	2023	-	-	-	-	-	-	-	442,582
PJ6114300	Existing	District 2	Sugarhouse Creek at 27th (US-301 to 27th)-Mockingbird Hill	-	264,068	2023	-	-	-	-	-	-	-	264,068
PJ6114400	Existing	District 2	Glenn Creek from 15th/Tropicana to Sugar Creek Resort	178,129	3,122,822	2023	-	-	-	-	-	-	-	3,122,822
PJ6117400	Existing	District 4	Land for Stormwater Operations Facility	8,223	540,000	2024	-	-	-	-	-	-	-	540,000
PJ6117401	Existing	District 4	Design and Construction of Stormwater Operations Facility	91,755	216,000	2024	-	-	-	-	-	-	-	216,000
PJ6117600	Existing	District 4	Bayshore Gardens Community Stormwater Pipe Rehabilitation	-	55,505	2024	-	-	-	-	-	-	-	55,505
PJ6117601	Existing	District 4	Florida Boulevard/Trailer Estates	121,310	220,000	2025	-	-	-	-	-	-	-	220,000
PJ6118600	Existing	District 4	Pearce Drain Innovative Water Quality Technology Testing	166,178	2,401,934	2024	-	-	-	-	-	-	-	2,401,934
PJST01957	Existing	District 4	Rattlesnake Slough Regional Storage	-	-	2027	1,230,000	1,420,000	-	-	-	2,650,000	-	2,650,000
PJTP25021	Existing	District 5	River Club Stormwater Pipe Replacement and Rehabilitation	-	-	2027	2,445,868	-	-	-	-	2,445,868	-	2,445,868
PJTP25022	Existing	District 2	Sylvan Oaks Stormwater Improvement	-	-	2027	1,134,684	200,000	-	-	6,458,920	7,793,604	-	7,793,604
PJTP27008	Requested	District 2	Mixon Wetland Creation/Stream Enhancement	-	-	2027	141,775	785,275	-	-	-	927,050	-	927,050
PJTP27009	Requested	District 2	Collins Dairy Drain Urban Stream Restoration	-	-	2027	4,228,965	-	-	-	-	4,228,965	-	4,228,965
Project Count:	**30**		**SubTotal**	**34,456,587**	**59,381,666**		**15,136,357**	**5,884,040**	**906,067**	**-**	**15,897,679**	**37,824,143**	**-**	**97,205,809**

				Actual	Budget	FY2027	FY2028	FY2029	FY2030	FY2031	FY0,000--Total	Future	Total
Project Count:	**30**		**Stormwater Total**	**34,456,587**	**59,381,666**	**15,136,357**	**5,884,040**	**906,067**	**-**	**15,897,679**	**37,824,143**	**-**	**97,205,809**

Possible CIP Re-allocation
FY2027: $10,765,617
FY2028: $5,098,765

Total = $15,864,382

MANATEE COUNTY GOVERNMENT
Capital Improvement Plan
FY2027 - FY2031 Uses of Funds by Project and Category

Stormwater Maintenance Priorities
OPTION #2: CIP Re-allocation and CDBG-DR Applications

IST_Yes_And_No

Stormwater				Actual	Budget	Start	FY2027	FY2028	FY2029	FY2030	FY2031	FY27-31 Total	Future	Grand Total
Other_Stormwater														
CDBG-DR Eligible	Project #	Status	District	Project										
	PJ6024262	Existing	District 4	Atlas Organics - Automated Outfall Structures	24,813	1,456,533	2025	-	-	-	-	-	-	-	1,456,533
	PJ6028801	Existing	Multi-district	Wares Creek - Canal Dredging	28,399,606	29,171,100	1995	-	-	-	-	-	-	-	29,171,100
	PJ6028902	Existing	Multi-district	Rattlesnake Slough Channel Improvements	-	1,142,851	2026	-	-	-	-	3,872,225	3,872,225	-	5,015,076
	PJ6042402	Existing	District 4	Governor Ron DeSantis Park Flood Mitigation	258,278	3,291,632	2024	-	-	-	-	-	-	-	3,291,632
	PJ6044460	Existing	Multi-district	CR 675 - 53rd Ave E to 49th Ave E Stormwater Improvements	-	167,790	2026	-	-	906,067	-	-	906,067	-	1,073,857
	PJ6045382	Existing	District 4	Palm Aire Stormwater Pipe Replacement and Rehabilitation	-	1,648,171	2026	3,478,765	3,478,765	-	-	-	6,957,530	-	8,605,701
	PJ6048480	Existing	District 1	Cedar Drain Channel Improvements	-	730,772	2026	2,476,300	-	-	-	-	2,476,300	-	3,207,072
	PJ6048481	Existing	District 1	Wade Canal Channel Improvements	-	1,642,920	2026	-	-	-	-	5,566,534	5,566,534	-	7,209,454
	PJ6068362	Existing	District 4	Rio Mar at Sarasota Automated Outfall Structures	151,486	1,871,298	2025	-	-	-	-	-	-	-	1,871,298
	PJ6096000	Existing	District 4	Polynesian Village Discharge to Pittsburg Drain	22,325	975,000	2020	-	-	-	-	-	-	-	975,000
	PJ6096800	Existing	District 3	Hawthorne Park Sediment Basin Installation	58,369	390,000	2020	-	-	-	-	-	-	-	390,000
Yes	PJ6101900	Existing	District 2	Mockingbird Hill/Samoset Canal Improvements at 27th St E/34th Ave. E	214,266	1,920,090	2020	-	-	-	-	-	-	-	1,920,090
	PJ6106300	Existing	District 4	Bowlees Creek Flood Mitigation (SaraBay/Shadbrook area)	3,691,922	4,820,638	2021	-	-	-	-	-	-	-	4,820,638
Yes	PJ6106400	Existing	District 4	Meadors Subdivision/Pennsylvania Avenue Flow Diversion	307,696	460,700	2021	-	-	-	-	-	-	-	460,700
	PJ6111400	Existing	District 4	Sunniland and North Palm Lake	676,037	1,578,260	2022	-	-	-	-	-	-	-	1,578,260
	PJ6113800	Existing	District 2	59th Ave Dr W Bradenton Storm Drain Replacement	3,850	286,000	2023	-	-	-	-	-	-	-	286,000
	PJ6113900	Existing	District 3	87th St Ct NW Storm Sewer Replacement	-	565,000	2023	-	-	-	-	-	-	-	565,000
	PJ6114200	Existing	District 3	Cortez Village and Sunny Shores Pipe Replacement	82,343	442,582	2023	-	-	-	-	-	-	-	442,582
	PJ6114300	Existing	District 2	Sugarhouse Creek at 27th (US-301 to 27th)-Mockingbird Hill	-	264,068	2023	-	-	-	-	-	-	-	264,068
Yes	PJ6114400	Existing	District 2	Glenn Creek from 15th/Tropicana to Sugar Creek Resort	178,129	3,122,822	2023	-	-	-	-	-	-	-	3,122,822
	PJ6117400	Existing	District 4	Land for Stormwater Operations Facility	8,223	540,000	2024	-	-	-	-	-	-	-	540,000
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	PJST01957	Existing	District 4	Rattlesnake Slough Regional Storage	-	-	2027	1,230,000	1,420,000	-	-	-	2,650,000	-	2,650,000
	PJTP25021	Existing	District 5	River Club Stormwater Pipe Replacement and Rehabilitation	-	-	2027	2,445,868	-	-	-	-	2,445,868	-	2,445,868
Yes	PJTP25022	Existing	District 2	Sylvan Oaks Stormwater Improvement	-	-	2027	1,134,684	200,000	-	-	6,458,920	7,793,604	-	7,793,604
	PJTP27008	Requested	District 2	Mixon Wetland Creation/Stream Enhancement	-	-	2027	141,775	785,275	-	-	-	927,050	-	927,050
	PJTP27009	Requested	District 2	Collins Dairy Drain Urban Stream Restoration	-	-	2027	4,228,965	-	-	-	-	4,228,965	-	4,228,965
Project Count:	**30**			**SubTotal**	**34,456,587**	**59,381,666**		**15,136,357**	**5,884,040**	**906,067**	**-**	**15,897,679**	**37,824,143**	**-**	**97,205,809**

Possible CDBG-DR Application Projects Present Budget Total = $5,503,612

			Actual	Budget	FY2027	FY2028	FY2029	FY2030	FY2031	FY0,000--Total	Future	Total
Project Count:	**30**	**Stormwater Total**	**34,456,587**	**59,381,666**	**15,136,357**	**5,884,040**	**906,067**	**-**	**15,897,679**	**37,824,143**	**-**	**97,205,809**

Possible CIP Re-allocation
FY2027: $10,765,617
FY2028: $5,098,765

Total = $15,864,382