

Present: Batterton, Davis, Edinger, Evans, Adesanya, Schaap

Absent: Scott

GWINNETT COUNTY STORMWATER AUTHORITY MINUTES

OFFICIAL MINUTES

October 15, 2021

2:00 P.M.

I. Open Meeting: Chairman Batterton

- i. Call meeting to order, verification of a quorum.
- ii. Approval of Agenda: October 15, 2021.  
{Action: Approved; Motion: Davis; Second: Edinger; Vote: 6-0}  
(Batterton-Yes; Davis-Yes; Evans-Yes; Edinger-Yes; Adesanya-Yes; Schaap-Yes; Scott-Absent)
- iii. Approval of Minutes: July 16, 2021.  
{Action: Approved; Motion: Davis; Second: Adesanya; Vote: 6-0}  
(Batterton-Yes; Davis-Yes; Evans-Yes; Edinger-Yes; Adesanya-Yes; Schaap-Yes; Scott-Absent)

II. New Business

- i. None

III. Old Business

- i. None

IV. Updates

- i. USACE Stormwater Utility Update (Gurd)  
July: Corps provided DOD legal opinion on SWU fees.

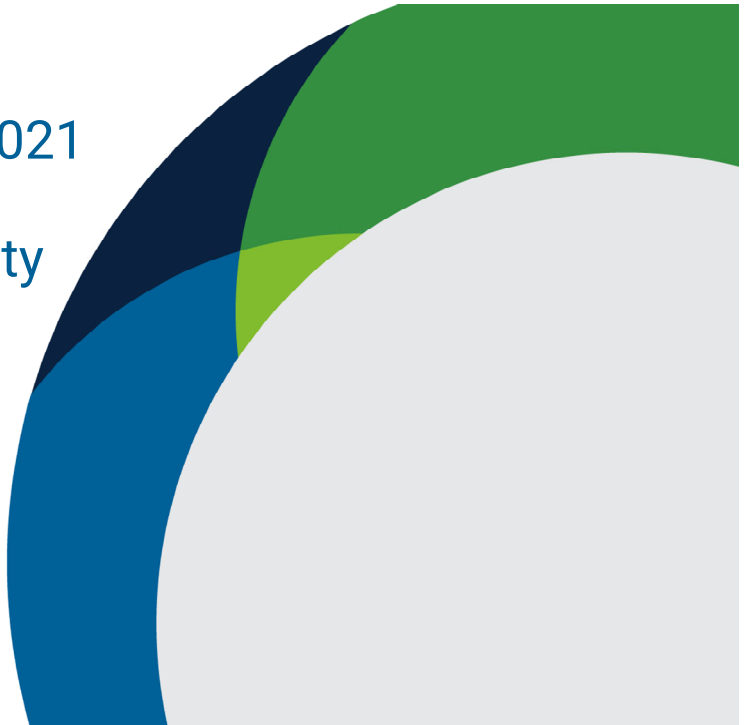
September: GCDWR issued formal response to DOD legal opinion.

- ii. Financial Update (Gurd)  
Reviewed 2020 and current 2021 Stormwater Funds for Capital, Operating, Grant, WIP, 2022-2027 requested budget and future sustainability.
- iii. 2022 Look Ahead (Jones)  
Reviewed 2022 budget and upcoming projects for stormwater programs: Dams, Drainage Improvements, Watershed Improvement and City of Lilburn.
- iv. Future Meeting Topics (Gurd)  
Discussed future potential topics: MS4 Permit Update, Private BMPs, Drainage easements, policies regarding upsizing pipes.
- v. Term Expirations (Gurd)  
Reminder of terms expiring 12/31/21 for Seats 1, 3, 5 and 7.

- V. Adjourn (Batterton)  
{Action: Approved; Motion: Davis; Second: Edinger; Vote: 6-0}  
(Batterton-Yes; Davis-Yes; Evans-Yes; Edinger-Yes; Adesanya-Yes; Schaap-Yes; Scott-Absent)

Welcome  
to the October 15, 2021  
Gwinnett County  
Stormwater Authority  
meeting

Please mute your  
phone unless  
speaking



Stormwater  
Authority Meeting

Friday, October 15, 2021





# Agenda

Stormwater Utility Update

Financial Update

2022 Look Ahead

# Stormwater Utility Delinquent Fees Update

Katherine Gurd, Division Director - Stormwater



## US Army Corps of Engineers - Update



- July
  - ✓ Meeting with Corps and GCDWR
  - ✓ Corps provided DOD legal opinion on SWU fees
- August
  - ✓ DWR field visit to Lanier Project Site
- September
  - ✓ Meeting with Corps and GCDWR
  - ✓ GCDWR issued formal response to DOD legal opinion



Questions?



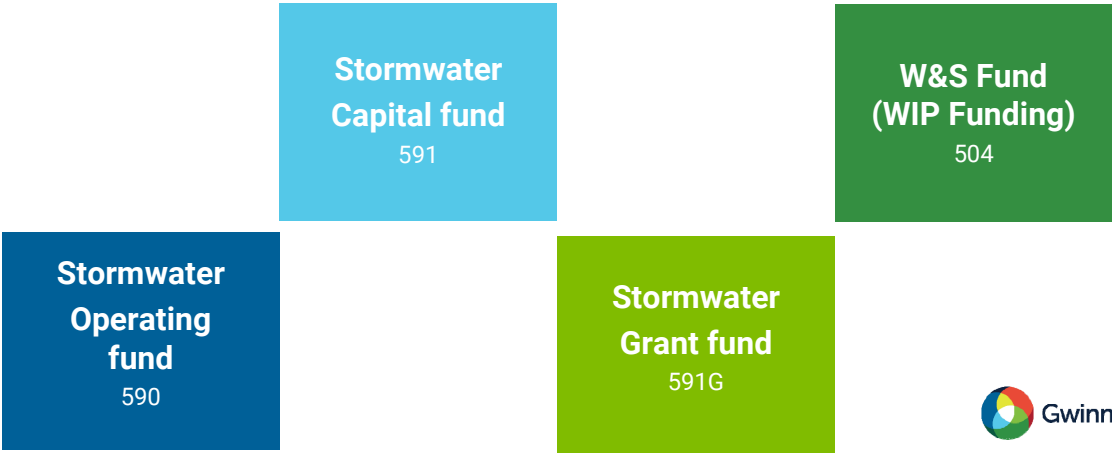


# Financial Update

2020 Financial Recap  
2021 Current Budget  
2022-2027 Requested Budget

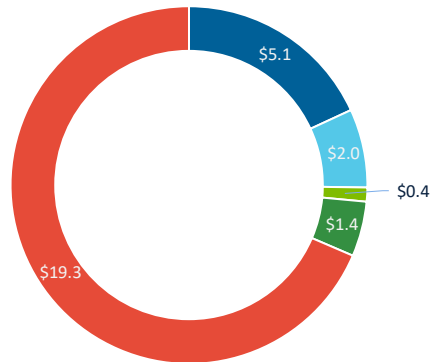


## Stormwater Funds Breakdown



# 2020 Stormwater Recap - Operations

Stormwater Operating Fund: 590



- Personal Services
- General Operating Expenditures
- Debt
- Contributions
- Transfer to Capital

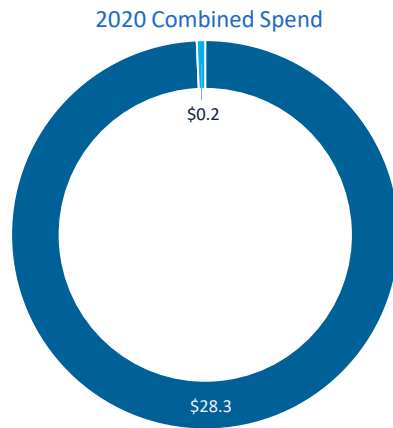
- Total Budget: \$30.6M
- Total Spend: \$28.3M





# 2020 Stormwater Recap - Capital

Stormwater Capital Funds: 591, 591G



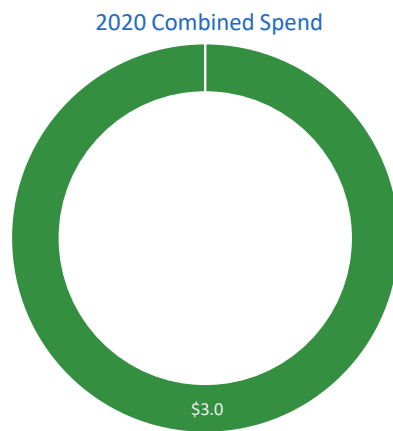
- Total Budget: \$47.4M
- Total Spend: \$28.5M
- Rollover PO's: \$3.9M
- Other Rollover: \$15M

■ Stormwater Fund 591 ■ Stormwater Grant Fund 591G



# 2020 Stormwater Recap - Capital

Stormwater Capital Funds: 504



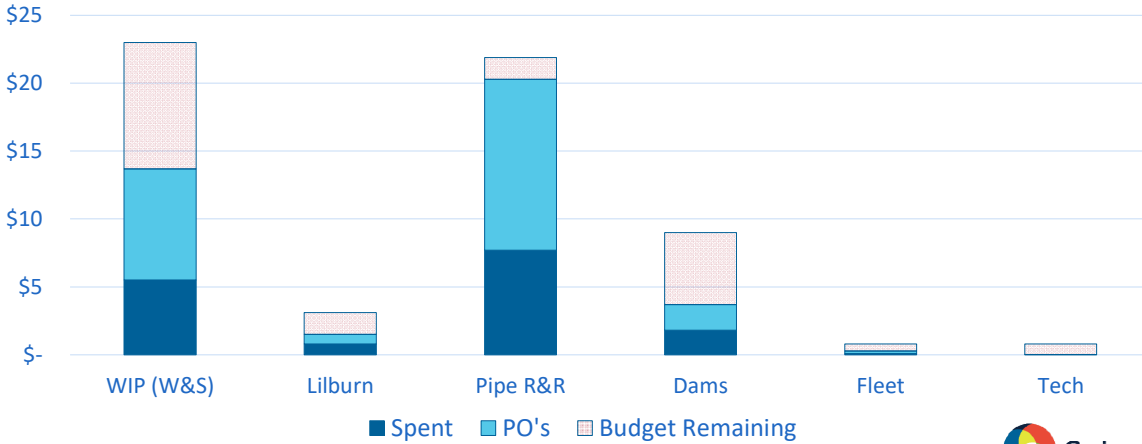
- Total Budget: \$17.7M
- Total Spend: \$3M
- Rollover PO's: \$12.4M

■ W&S Fund 504 (WIP)



## 2021 Current CIP Project Budget vs Spend

Budget vs Spend as of October 1, 2021 (Millions)

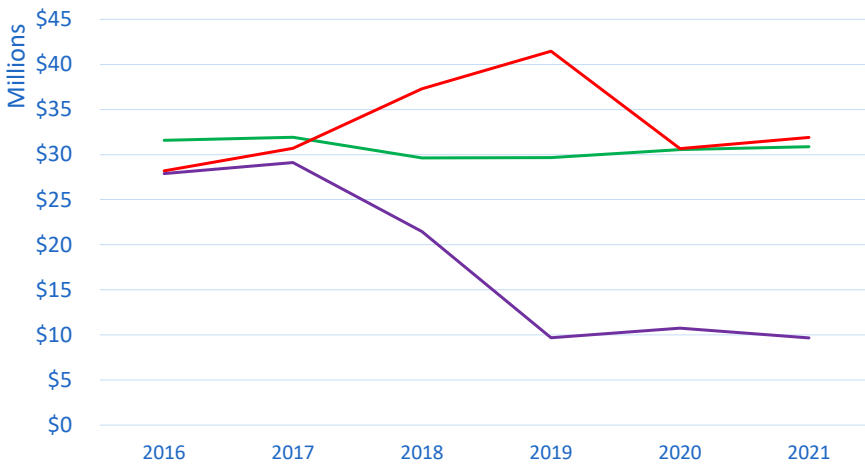


## 2022-2027 Requested Budget

Project Name	Project Number	2022	2023	2024	2025	2026	2027	Total
Fleet	E-0137	\$300,000	\$200,000	\$550,000	\$200,000	\$300,000	\$300,000	\$1,850,000
Lilburn Drainage Improvements	M-1005	\$597,310	\$740,001	\$941,001	\$643,001	\$644,001	\$645,001	\$4,210,315
Pipe R&R	M-1008	\$14,907,385	\$7,220,312	\$10,822,222	\$12,905,047	\$14,579,915	\$17,213,828	\$77,648,709
Dams Program	F-0234	\$2,194,076	\$10,572,126	\$6,583,001	\$5,313,001	\$3,703,001	\$1,235,000	\$29,600,205
Technology	IT Projects	\$564,835	\$394,659	\$383,100	\$144,294	\$149,280	\$19,650	\$1,655,818
Watershed Improvement (WIP)	F-1329	\$8,616,056	\$3,040,001	\$3,575,001	\$3,050,001	\$4,490,000	\$3,350,000	\$26,121,059
<b>Totals</b>		<b>\$27,179,662</b>	<b>\$22,167,099</b>	<b>\$19,279,324</b>	<b>\$22,854,325</b>	<b>\$23,866,197</b>	<b>\$22,763,479</b>	<b>\$141,086,106</b>



# Financial Sustainability – Stormwater Fund



3 month required fund balance  
**\$7.9M**

Current fund balance  
**\$9.6M**

Current Standing:  
**Good Financial Health**



— Revenues — Expenditures — Fund Balance

## Questions?



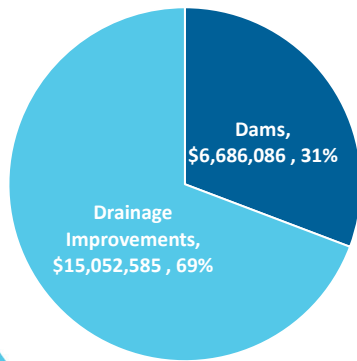
# 2022 Look Ahead

Rachel Jones, Stormwater Portfolio Manager

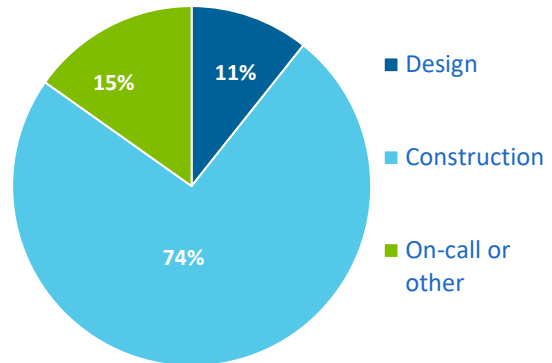


## Combined Stormwater Program

2022 Program Budget



Budget Breakdown



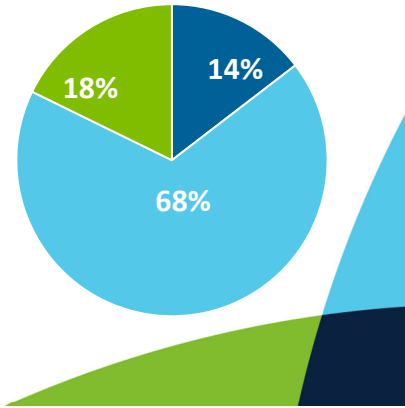
# Dams Program

Stormwater  
Capital fund  
591

Sub-project Name	Prioritization Score (1 = low, 5 = high)	Type	Month to Encumber	2022 Budget
N-1 Seepage Repair	4	Design	January	\$100,000
M-11 Dam Rehabilitation	4	Design	January	\$155,000
Louella Dam Rehabilitation	5	Construction	January	\$231,075
Lower Tuggle Rehab	3	Design	February	\$410,000
Cardinal Lake Dam Assessment	5	Design	February	\$200,000
Y-17 OCS Replacement	3	Design	February	\$110,000
Dam Program Support	5	On-call or other	February	\$488,000
Major Dams Maintenance (Mowing/Repairs)	5	On-call or other	March	\$500,000
Minor Dams Support (ROW, Exempt)	4	On-call or other	March	\$200,000
NRCS Y15 & H21 OCS Replacement	5	Construction	April	\$1,255,461
Dam Outlet Works Maintenance	5	Construction	June	\$3,036,550
				<b>\$6,686,086</b>

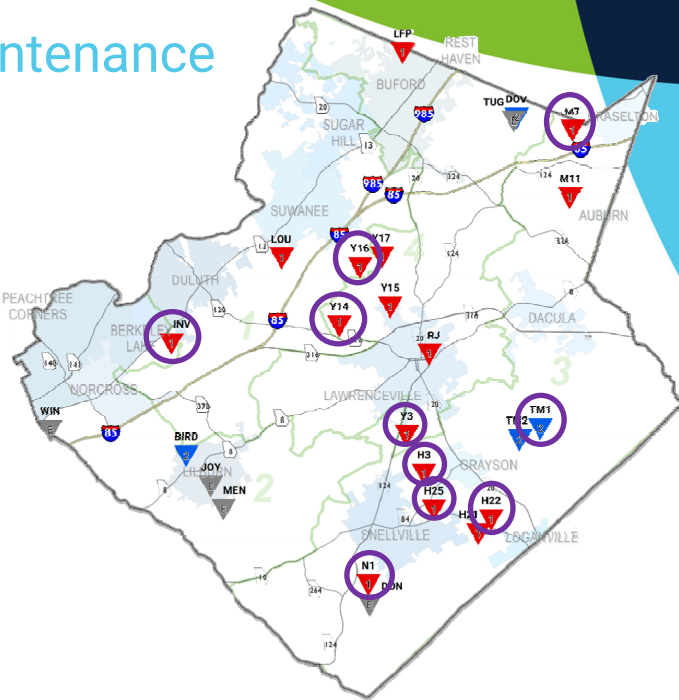
## 2022 Program Budget

- Design
- Construction
- On-call or other



## Dam Outlet Works Maintenance

- Construction** April 2022 – December 2022
- Lake** Fully drained for 4 months per lake
- Work** Replace low-level drain gates  
Rehab principal spillway & pipe  
Add safety features to principal spillway



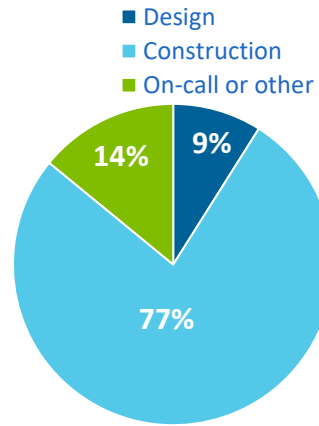


# Drainage Improvements Program

Stormwater  
Capital fund  
591

Sub-project Name	Prioritization Score (1 = low, 5 = high)	Type	Month to Encumber	2022 Budget
Warren Drive	5	Construction	January	\$4,079,953
ERI Stormwater	5	Construction	January	\$188,637
Major Pipe Project Services	5	Design	January	\$600,000
Major Pipe Design & Survey	5	Design	January	\$750,000
Stormwater Condition Assessment	5	On-call or other	January	\$1,500,000
Pipe Lining	5	Construction	January	\$4,313,995
Pipe Replacement	5	Construction	January	\$3,000,000
Stormwater System Assessment Program	5	On-call or other	February	\$500,000
BMP As-Built Review Support	5	On-call or other	February	\$120,000
				<b>\$15,052,585</b>

## 2022 Program Budget



## Warren Drive Stormwater System Improvements



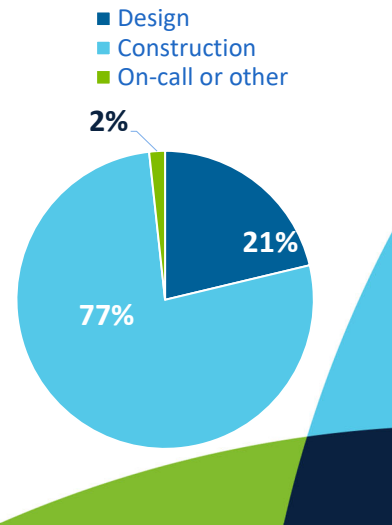
- Construction on water/sewer system began October 2021
- Stormwater construction scheduled for Winter 2022

# Lilburn Stormwater Program

Stormwater  
Capital fund  
591

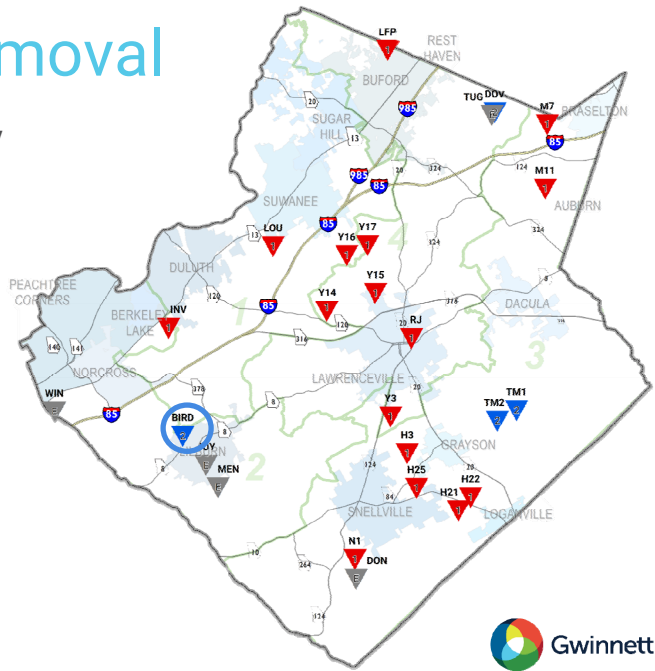
Sub-project Name	Prioritization Score (1 = low, 5 = high)	Type	Month to Encumber	2022 Budget
Lilburn City Park	5	Construction	January	\$300,000
Bird Lake Dam Removal	5	Construction	February	\$1,100,000
First Ave Bioretention	4	Design	February	\$300,000
Lilburn Design/Survey	4	Design	February	\$60,000
Lilburn Lining	4	Construction	February	\$150,000
Lilburn Condition Assessment	4	On-call or other	February	\$35,000
Lilburn Replacement	4	Construction	February	\$25,000
Mendoza Dam Repairs	3	Design	April	\$75,000
				<b>\$2,045,000</b>

## 2022 Program Budget



## Bird Lake Dam Removal

- Dam partially owned by City
- Primary Spillway not functional
- Dam removal has been designed & permitted
- City will bid construction – funds reimbursed from Lilburn’s Stormwater Utility Account

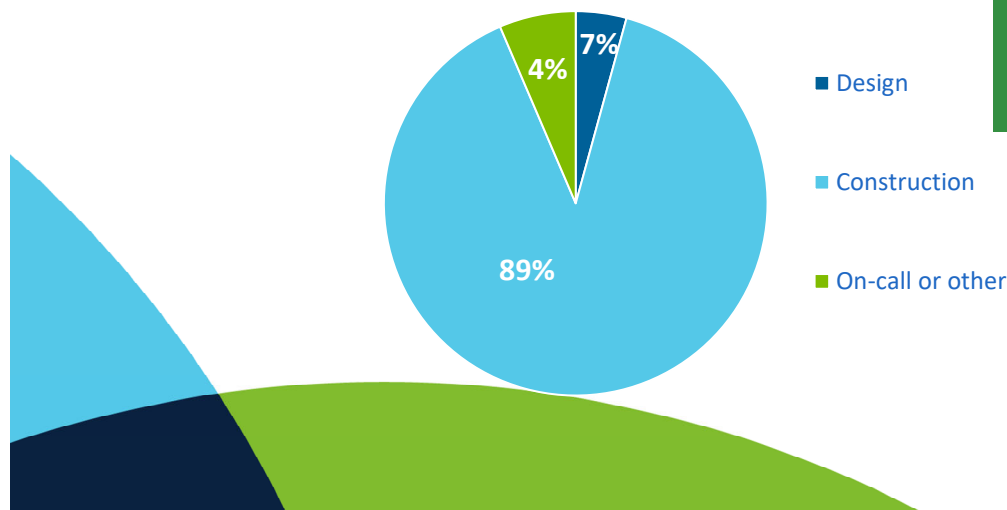




# Watershed Improvement Program

2022 Program Budget - \$26M

W&S Fund  
(WIP Funding)  
504



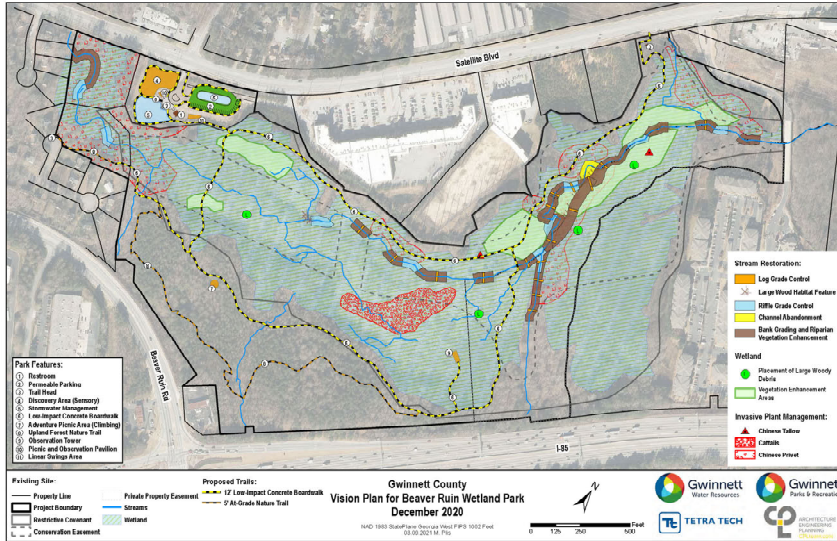
# Watershed Improvement Program

Project Name	Prioritization Score (1=low, 5=high)	Type	Month to Encumber	2022 Budget
Beaver Ruin Wetland Park	5	Construction	January	\$7,872,354
WIP Project Maintenance/Repair	4	On-call or other	January	\$250,000
PR Park-Lake Louella Wetland-Stream Monitoring	1	On-call or other	January	\$100,000
2022 Watershed Assessments	4	On-call or other	January	\$600,000
2022 WIP Programmatic Support	4	On-call or other	January	\$750,000
DWR Central BMP Demonstration Project	4	Design	January	\$775,000
Lanier Filter Plant WIP (Bioretention@Entrance)	3	Design	January	\$75,000
Yellow River WIP Ph1 WIP (road)	3	Design	January	\$150,000
SCFP WIP Ph1 (Entrance BMPs)	2	Construction	January	\$760,000
Dacula Park WIP Ph2 (Pavilion Area)	2	Design	April	\$125,000
One Justice BMP Demonstration	5	Construction	April	\$1,499,947
Jones Bridge Pk Stream Restoration	5	Construction	May	\$1,185,417
Gwinnett Place SW Pond	5	Construction	July	\$8,041,032
Dacula Park WIP Ph1 (Garden/Parking)	3	Construction	August	\$665,000
Duncan Creek Park WIP Ph1 (Skate Park)	3	Construction	August	\$608,081
Tribble Mill Park WIP	3	Construction	August	\$880,000
Pounds Lake Sediment Removal	4	Construction	September	\$750,000
Lk Claiborne Forebay Maintenance	4	Construction	September	\$1,250,000
				<b>\$26,336,831</b>



# Beaver Ruin Wetland Park

Stream and Wetland Restoration (in partnership with DOCS)



- DWR construction scheduled for 2021-22
- Parks construction scheduled for 2022-23
- Pursuing SITES Certification for overall project

# Gwinnett Place Mall

Regional Stormwater Pond Retrofit

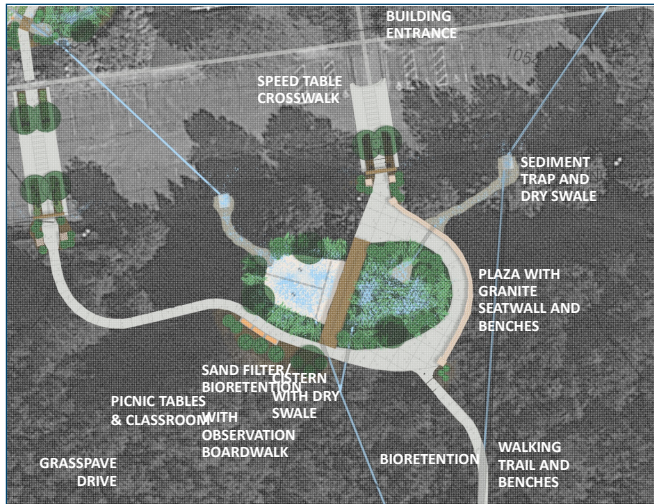


- In early design stages
- Supports existing and future development for drainage basin
- Overall plan in partnership with Parks, GCDOT, CID, others

# One Justice Square

## Green Stormwater Infrastructure Demonstration Project

- Currently Finalizing Bid Documents
- Construction Scheduled for Spring 2022



Questions?

# 2022 SWA Meetings



## Future Topics

- MS4 Permit Update
- Private BMPs: how many exist and how do we manage these BMPs?
- Drainage easements: private and eroding. What can we do for the customer?
- Policies regarding upsizing pipes based on modeling.

