



# STORMWATER MANAGEMENT 5 YEAR CIP 2023-2027

Presented by :  
Terrence Simpkins, Director  
Kaaba Johnson, Deputy Director  
5/10/2022

# AUTOMOTIVE EQUIPMENT

- 2023 Ford F150 Truck \$31,500
  - Replacement for 1996 Ford 150, 156k miles
- 2023 Ford Sprinter Truck \$60,000
  - Staff use for transport of remote-control pipe camera for stormwater infrastructure inspections
- 2024 Ford F150 Truck \$31,500
  - Staff use for site visits, training, etc. To reduce mileage expense
- 2024 Ford F350 Truck \$57,026
  - Crew truck for transport of personnel and equipment to construction jobs

<u>Implementation Year</u>					<u>Five Year</u>
<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Total</u>
\$31,500					
\$60,000					
	\$31,500				
	\$57,026				
\$91,500	\$88,526	\$0	\$0	\$0	\$180,026

# TECHNOLOGY PROGRAMS & IMPROVEMENTS

- 2023 Remote Controlled Camera System \$150,000
  - Stormwater Infrastructure inspections and assessments

<u>Implementation Year</u>					<u>Five Year</u>
<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Total</u>
\$150,000					
\$150,000	\$0	\$0	\$0	\$0	\$150,000

# CONSTRUCTION & HEAVY EQUIPMENT

- 2023 Track Loader \$68,000
  - Used for excavation and grading on SW projects
- 2023 Mini Excavator \$75,000
  - Used for excavation and grading on SW projects
- 2023 Backhoe Loader \$75,000
  - Used for excavation on SW projects
- 2023 Remote Controlled Trench Compactor \$30,000
  - Used to compact fill material over stormwater pipes under County roadways during construction projects
- 2023 Tandem Dump Truck \$192,000
  - Used to haul construction project related materials
- 2024 Vac All Truck \$850,000
  - Used to clean debris from County stormwater infrastructure

	Implementation Year					Five Year
	2023	2024	2025	2026	2027	Total
	\$68,000					
	\$75,000					
	\$75,000					
	\$30,000					
	\$192,000					-
		\$850,000				
	\$440,000	\$850,000	\$0	\$0	\$0	\$1,290,000

# BUILDING IMPROVEMENTS/RENOVATIONS/EXPANSIONS

- 2023 Paving for the existing lot at Tatum Rd \$10,000
  - Existing lot is in need of repair
  
- 2023 Remodel the Field Crew Location \$85,000
  - Current building is small, SW is expanding staff
  
- 2023 Remodel Cust. Svc/ Engineering space \$100,000
  - Stormwater staff needs additional space for customers and meetings with design professionals

	<u>Implementation Year</u>					<u>Five Year</u>
<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Total</u>	
\$10,000						
\$85,000						
\$100,000						
<b>\$185,000</b>					<b>\$185,000</b>	

# NEW BUILDINGS

- 2023 New Equipment Storage Facility \$125,000
  - New storage building at Tatum Rd for equipment coverage.

<u>Implementation Year</u>					<u>Year</u>
<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Total</u>
\$125,000					-
					-
					-
					-
<b>\$125,000</b>					<b>\$125,000</b>

## INFRASTRUCTURE IMPROVEMENTS (STORMWATER CONVEYANCES AND PIPELINES)

- 2023 County wide Asset Inventory, Inspection and Mapping \$465,000
  - Inventory and locations of SW infrastructure
- 2023/24 Hydrologic and Hydraulic Modeling \$850,000
  - Modeling of drainage basins and SW conveyances to determine problem areas.
- 2023/24 and 2027 Master Plan Update \$225,000
  - SW program goals over a 20-30 yr. period
- 2023 - 2027 Capital Improvement Projects \$43,070,000
  - County Infrastructure locations in need of repair/replacement

# INFRASTRUCTURE IMPROVEMENTS (STREETS, SIDEWALKS PIPELINES)

Description	Replacement Cost	Feet	Linear Comments and Justification	Implementation Year					Year Total
				2023	2024	2025	2026	2027	
<b>Infrastructure Improvements (Streets, Sidewalks Pipelines)</b>	<b>Cost</b>								
County wide Asset Inventory, Inspection and Mapping	\$465,000			\$465,000					
Hydrologic and Hydraulic Model	\$850,000			\$425,000	\$425,000				
Master Plan Update	\$225,000			\$125,000	\$50,000			\$50,000	
Zingara Road	\$750,000			\$750,000					
Hampton Trail	\$300,000			\$300,000					
Clubland Circle	\$500,000			\$500,000					
Ebenezer & Stanton Road	\$2,000,000				\$2,000,000				
Lake Capri	\$1,500,000			\$1,500,000					
Lester Court / Lester Road	\$500,000			\$500,000					
Happy Hollow Drive	\$300,000								
Honey Creek	\$300,000			\$300,000	\$300,000				
Briarwood Court	\$300,000			\$300,000					
North Tower Way	\$1,500,000			\$1,500,000					
Little Brook Drive	\$300,000								
Norton Road	\$1,500,000			\$1,500,000					
Lake Rockaway Dam	\$2,900,000			\$2,900,000					
Beachwood Drive	\$300,000			\$300,000					
Granite Drive	\$350,000			\$350,000					
Rockbridge Road	\$1,250,000			\$1,250,000					
Bridgewater Way	\$400,000			\$400,000					
Lake Forest Drive	\$600,000						\$600,000		
Partridge Place	\$700,000				\$700,000				
Westwood Drive	\$700,000				\$460,000	\$240,000			
David Lane	\$240,000				\$240,000				
Wendwood Road	\$900,000				\$900,000				
Dennard Road	\$600,000						\$600,000		
Bridgewood Drive	\$110,000		\$110,000						
East Shore Drive	\$1,000,000							\$1,000,000	
Sigman Road	\$400,000							\$400,000	
Randolph Court	\$260,000						\$260,000		
Valley Court	\$260,000							\$260,000	
Country Brook Court	\$260,000							\$260,000	
Can Road @ River Circle	\$150,000							\$150,000	
Hi Roc Road	\$2,200,000						\$2,200,000		
Ebenezer Road	\$700,000							\$700,000	
Hi Roc Lake Spillway	\$800,000							\$800,000	
Abbott Road	\$700,000							\$700,000	
Cedar Ln / Shady Ln	\$460,000							\$460,000	
McWilliams Road	\$450,000						\$450,000		
Pine Knoll Lane	\$250,000						\$250,000		
Richard Road	\$100,000						\$100,000		
Lake Forest Drive	\$600,000						\$600,000		
Eastview Road @ Oak Knoll Drive	\$100,000						\$100,000		
McWilliams Road	\$400,000						\$400,000		
Fieldstone Drive	\$300,000			\$300,000					
Sweet Water Trail	\$200,000			\$200,000					
Plantation Blvd	\$700,000			\$700,000					
Grenade Road at Lochinver Lane	\$200,000			\$200,000					
2300 Lochinver Lane	\$100,000			\$100,000					
Christian Circle	\$200,000			\$200,000					
191 Cowan Road	\$800,000						\$800,000		
3411 East Hightower Trail	\$100,000						\$100,000		
1460 Country Lane Drive	\$200,000						\$200,000		
Almand Road & Mt. Zion Road	\$600,000						\$600,000		
668 Kingston Lane	\$700,000						\$700,000		
1760 Old Covington Highway	\$200,000						\$200,000		
East & West Adrian Circle	\$200,000						\$200,000		
2505 Westchester Way	\$400,000						\$400,000		
2800 Clearwater Terrace	\$400,000						\$400,000		
2643 Westchester Parkway	\$700,000						\$700,000		
1542 Sugarmaple Drive	\$300,000						\$300,000		
1609 Cherry Hill Lane	\$200,000						\$200,000		
1520 Cherry Hill Road	\$200,000						\$200,000		
3011 Brombley Drive	\$800,000						\$800,000		
1911 Marie Hill Drive	\$400,000						\$400,000		
Lake Capri Spillway	\$60,000		\$60,000						
1455 Flat Shoals Road	\$1,000,000						\$1,000,000		
Park Street	\$300,000						\$300,000		
1750 Grenade Road	\$50,000						\$50,000		
2105 Hampton Trail	\$200,000						\$200,000		
1220 McDaniel Mill Road	\$500,000						\$500,000		
2062 Wilson Road	\$200,000						\$200,000		
South Hicks Circle	\$300,000						\$300,000		
1510 Johnson Road	\$200,000						\$200,000		
3291 Stanton Road	\$50,000						\$50,000		
3019 West Shore Drive	\$200,000						\$200,000		
2920 Stone Bridge Trail	\$600,000						\$600,000		
Lakeridge Drive Dam	\$100,000						\$100,000		
Christian Circle	\$200,000						\$200,000		
Azalea Circle / Winterberry Way	\$640,000						\$640,000		
<b>Integral Projects &amp; Construction</b>	<b>\$1,740,000</b>			\$340,000	\$348,000	\$356,000	\$350,000	\$346,000	
<b>Total Infrastructure Improvements</b>	<b>\$43,070,000</b>			<b>\$8,475,000</b>	<b>\$9,923,000</b>	<b>\$8,056,000</b>	<b>\$8,950,000</b>	<b>\$7,666,000</b>	<b>\$43,070,000</b>



# STORMWATER MANAGEMENT

## 5 YEAR CIP REQUEST SUMMARY

Rockdale County Stormwater Management						
Five Year Capital Improvement Plan						
Fiscal Year 2023-2027						
Category	2023	2024	2025	2026	2027	Five Year Total
Automotive Equipment	\$91,500	\$88,526				\$180,026
Technology Programs & Improvements	\$150,000					\$150,000
Construction & Heavy Equipment	\$440,000	\$850,000				\$1,290,000
Building Improvements/Renovations/Expansions	\$185,000					\$185,000
New Buildings	\$125,000					\$125,000
Infrastructure Improvements (Streets, Sidewalks Pipelines)	\$8,475,000	\$9,923,000	\$8,056,000	\$8,950,000	\$7,666,000	\$43,070,000
<b>TOTALS</b>	\$9,466,500	\$10,861,526	\$8,056,000	\$8,950,000	\$7,666,000	<b>\$45,000,026</b>