

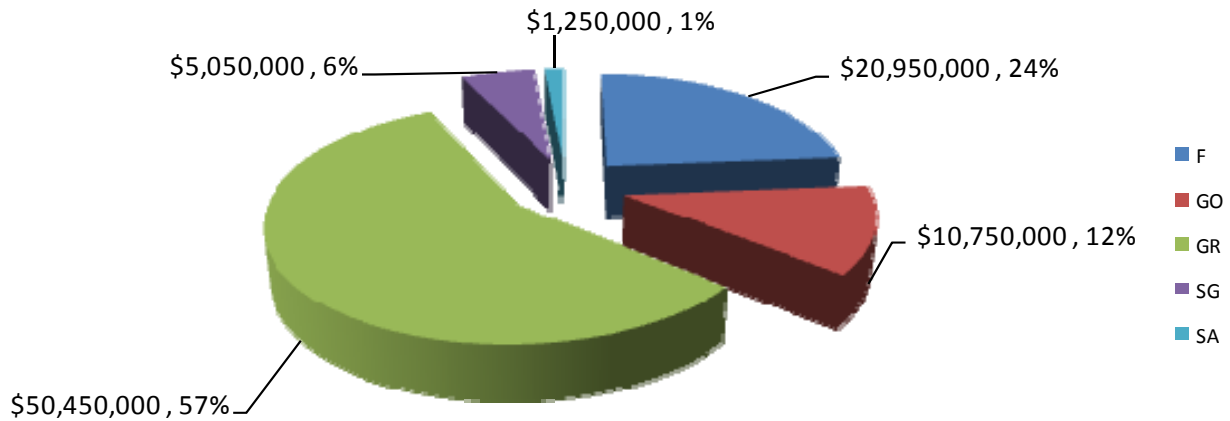


# STORM WATER EXPENDITURE SUMMARY

## STORM WATER EXPENDITURE TOTALS BY FUNDING SOURCE AND YEAR

Year	F	GO	GR	SG	SA	Total
2009	\$ 850,000	\$ 6,000,000	\$ 5,950,000	\$ 3,050,000	\$ 250,000	\$ 16,100,000
2010	\$ 8,350,000	\$ 3,750,000	\$ 2,650,000	\$ 2,000,000	\$ 400,000	\$ 17,150,000
2011	\$ 8,350,000		\$ 3,250,000		\$ 600,000	\$ 12,200,000
2012	\$ 850,000		\$ 7,900,000			\$ 8,750,000
2013	\$ 850,000		\$ 11,350,000			\$ 12,200,000
2014	\$ 850,000	\$ 1,000,000	\$ 11,150,000			\$ 13,000,000
2015	\$ 850,000		\$ 6,150,000			\$ 7,000,000
2016			\$ 2,050,000			\$ 2,050,000
2017			\$ -			\$ -
2018			\$ -			\$ -
<b>Total</b>	<b>\$ 20,950,000</b>	<b>\$ 10,750,000</b>	<b>\$ 50,450,000</b>	<b>\$ 5,050,000</b>	<b>\$ 1,250,000</b>	<b>\$ 88,450,000</b>

### Storm Water 2009-2018 CIP Funding Sources





# STORM WATER PROJECT LISTING

	"Other" funding	COUNCIL DISTRICT	2009		2010		2011		2012		2013	
			GO	RB/O	GO	RB/O	GO	RB/O	GO	RB/O	GO	RB/O
<b>STORMWATER</b>												
1		17th, Broadway to I-135										-
2		37th/Woodrow Pump Station		5,800,000								
3		9th St N. W Outfall Ph. 1				-		-		3,000,000		3,000,000
4		Cadillac Lake Improvements	800,000									
5	N	Dell Drainage Improvements		250,000				600,000				
6	N	Dry Creek Overflow Protection				10,000,000		10,000,000				
7		E Branch of Gypsum Creek						-				1,000,000
8	N	Flood Buyout Program		1,000,000		1,000,000		1,000,000		1,000,000		1,000,000
9		Greenwich, Harry to Kellogg	2,000,000									
10	N	Gypsum Creek, Armour to Eastern		-								
11		Historic Midtown Storm Drainage Infrastructure Study				300,000						
12		Meridian, Pawnee to Orient				-		-				
13	N	Riverside Drainage District Project @ KTA	150,000			1,450,000	400,000					
14		W Branch of Dry Creek, Douglas to 13th N						-		250,000		200,000
15		W Branch of Dry Creek, Kellogg to Douglas						600,000		4,500,000		4,500,000
16	N	Wheatridge Addition Draining Improvements						-				2,500,000
17	N	Wichita - VC Flood Control Project	3,050,000	3,050,000	2,000,000	2,000,000						

### FINANCIAL SUMMARY 2009-2018 BY FUNDING CATEGORY

Funding Category	2009	2010	2011	2012	2013
Federal Funding	850,000	8,350,000	8,350,000	850,000	850,000
General Obligation Revenue Bonds Funding	6,000,000	3,750,000	-	-	-
Revenue Bond Funding	5,950,000	2,650,000	3,250,000	7,900,000	11,350,000
Sedgwick County Funding	3,050,000	2,000,000			
Special Assessment Funding	250,000	400,000	600,000		
<b>TOTAL</b>	<b>6,000,000</b>	<b>10,100,000</b>	<b>3,750,000</b>	<b>13,400,000</b>	<b>-</b>

### FINANCIAL SUMMARY 2009-2018 BY APPROVED VS. NEW

Category	2009	2010	2011	2012	2013
Previously Approved Projects	2,800,000	5,800,000	300,000	-	-
Proposed New Projects	3,200,000	4,300,000	3,450,000	13,400,000	-
<b>Total Projects</b>	<b>6,000,000</b>	<b>10,100,000</b>	<b>3,750,000</b>	<b>13,400,000</b>	<b>-</b>

### PROJECTS NOT INCLUDED

Project	Year	2009	2010	2011	2012	2013
1 1st N./2nd N. West Outfall Expansion	4				280,000	200,000
2 9th St N. W Outfall Ph. 2	6					250,000
3 N 13th St. @ Cowskin Creek Overflow Structure	5					50,000
4 N 13th to 17th/Oliver to Old Manor	1					
5 N Bluff & 27th St. N Storm Water Improv.	1	70,000	710,000			
6 E Branch of Dry Creek, Edgemoor to Central	1					
7 N Frisco Drain Channel Improv.	1					
8 Kellogg, Custer Ave. to Knight St.	4					
9 Maple, McLean to Exposition	4		2,000,000			
10 Murdock @ Wabash	1			2,200,000		
11 N N. Sheridan Ave. - Const.	6	500,000				
12 Pump Station #1 Collection System	4					
13 N Pump Station No. 1 & 2	5	400,000	3,000,000	3,000,000		
14 N Pump Station Rehab 3, 5 & 6	4		1,200,000	200,000		
15 N Rock Road Tributary of Gypsum Creek	2					
16 N Storm Water BMP Dem Project - Rounds & Porter	6	1,300,000				
17 Storm Drainage System Inventory	All			500,000		
18 Wichita Drainage Canal	1, 3		150,000	150,000	150,000	
19 N W Drain of Chisholm Creek Channel Imp.	6			2,700,000		
<b>TOTAL</b>		<b>-</b>	<b>2,270,000</b>	<b>-</b>	<b>7,060,000</b>	<b>-</b>

	2014		2015		2016		2017		2018		TOTAL
	GO	RB/O	GO	RB/O	GO	RB/O	GO	RB/O	GO	RB/O	
<b>STORMWATER</b>											
1		2,500,000									2,500,000
2											5,800,000
3											6,000,000
4											800,000
5											850,000
6											20,000,000
7											1,000,000
8		1,000,000		1,000,000							7,000,000
9											2,000,000
10						2,050,000					2,050,000
11											300,000
12	1,000,000	3,000,000	-	3,000,000							7,000,000
13											2,000,000
14		3,000,000		3,000,000							6,450,000
15											9,600,000
16		2,500,000									5,000,000
17											10,100,000

### FINANCIAL SUMMARY 2009-2018 BY FUNDING CATEGORY

Federal Funding		850,000		850,000							20,950,000
General Obligation Revenue Bonds Funding	1,000,000		-		-		-		-		10,750,000
Revenue Bond Funding		11,150,000		6,150,000		2,050,000		-		-	50,450,000
Sedgwick County Funding											5,050,000
Special Assessment Funding											1,250,000
<b>TOTAL</b>	<b>1,000,000</b>	<b>12,000,000</b>	<b>-</b>	<b>7,000,000</b>	<b>-</b>	<b>2,050,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>88,450,000</b>

### FINANCIAL SUMMARY 2009-2018 BY APPROVED VS. NEW

Previously Approved Projects	1,000,000	11,000,000	-	6,000,000	-	-	-	-	-	-	46,450,000
Proposed New Projects	-	1,000,000	-	1,000,000	-	2,050,000	-	-	-	-	42,000,000
<b>Total Projects</b>	<b>1,000,000</b>	<b>12,000,000</b>	<b>-</b>	<b>7,000,000</b>	<b>-</b>	<b>2,050,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>88,450,000</b>

### PROJECTS NOT INCLUDED

1	1st N./2nd N. West Outfall Expansion		5,400,000								5,880,000		
2	9th St N. W Outfall Ph. 2			4,000,000							4,250,000		
3	N 13th St. @ Cowskin Creek Overflow Structure		100,000	300,000							450,000		
4	N 13th to 17th/Oliver to Old Manor			250,000		1,350,000					1,600,000		
5	N Bluff & 27th St. N Storm Water Improv.										780,000		
6	E Branch of Dry Creek, Edgemoor to Central			250,000		200,000		1,800,000			2,250,000		
7	N Frisco Drain Channel Improv.					300,000		500,000		2,500,000	3,300,000		
8	Kellogg, Custer Ave. to Knight St.					250,000		200,000		1,500,000	1,950,000		
9	Maple, McLean to Exposition										2,000,000		
10	Murdock @ Wabash										2,200,000		
11	N N. Sheridan Ave. - Const.										500,000		
12	Pump Station #1 Collection System			325,000		200,000		5,000,000			5,525,000		
13	N Pump Station No. 1 & 2										6,400,000		
14	N Pump Station Rehab 3, 5 & 6										1,400,000		
15	N Rock Road Tributary of Gypsum Creek					200,000				1,000,000	1,200,000		
16	N Storm Water BMP Dem Project - Rounds & Porter										1,300,000		
17	Storm Drainage System Inventory										500,000		
18	Wichita Drainage Canal										450,000		
19	N W Drain of Chisholm Creek Channel Imp.										2,700,000		
<b>TOTAL</b>			<b>-</b>	<b>100,000</b>	<b>-</b>	<b>5,125,000</b>	<b>-</b>	<b>2,500,000</b>	<b>-</b>	<b>7,500,000</b>	<b>-</b>	<b>5,000,000</b>	<b>38,755,000</b>



## SIGNIFICANT NON-ROUTINE CAPITAL EXPENDITURES

### WEST BRANCH OF DRY CREEK—13TH N TO KELLOGG

**Council District:** 1, 2  
**Type:** New Construction  
**Category:** Storm Water  
**Start & Complete Date:** 2011-2015  
**Cost (total):** \$16,050,000  
**Cost (2009):** \$400,000  
**Operational Costs (additional):** Minimal  
**Operational Staff (additional):** Minimal

The Storm Water Utility constructs, reconstructs, repairs and maintains the City’s storm water drainage systems. The West Branch of Dry Creek improvements was listed as a priority in the Master Drainage Plan and this improvement was recommended in the Dry Creek Study completed in 1997.

This project will improve the storm water drainage system by constructing reinforced concrete box culverts. This will effectively remove the storm water from the street level, making it safer for drivers and residents in the Dry Creek area.



### WICHITA—VALLEY CENTER FLOOD CONTROL PROJECT

**Council District:** All  
**Type:** New Construction  
**Category:** Storm Water  
**Start & Complete Date:** 2009 - 2010  
**Cost (total):** \$10,100,000  
**Cost (2009):** \$6,100,000  
**Operational Costs (additional):** Minimal  
**Operational Staff (additional):** Minimal

Without addressing the improvements, FEMA and the Corp will fail the levee system. If this occurs, FEMA will reissue new flood maps for the community that will require structures formally protected by the levee system to purchase flood insurance.

The Federal Emergency Management Agency (FEMA) issued the City of Wichita, Sedgwick County, Haysville, Valley Center and Park City a Provisional Accredited Levee agreement in February 2007 that required the communities to certify that the Wichita-Valley Center Flood Control project levees provide the necessary protection under FEMA’s regulations by February 2009. Engineering consultants and the Corp of Engineers have identified areas that will require improvements to strengthen the levee system.