

Emergency Drainage Funds

Public Works Director -
Chad Nepveaux

Drainage Director -
Brian Smith



Lafayette
CONSOLIDATED GOVERNMENT

May 17, 2021 Flood Event – Emergency Funding \$20 Million

Drainage Department

Equipment	\$ 1,350,000
Maintenance Projects	\$ 3,000,000

Public Works

Spot Dredging the Vermilion	\$ 5,000,000
Localized Flood Mitigation	\$ 5,000,000
Walker Road, Ph I	\$ 250,000
Walker Road, Ph III	\$ 1,600,000
Lake Farm Detention	<u>\$ 3,850,000</u>
	\$20,050,000

Equipment – Budgeted \$1,350,000

	<u>Budgeted</u>	<u>Actual</u>	<u>Status</u>
Flusher truck 1	\$ 450,000	\$ 434,707	Delivered
Flusher truck 2	\$ 450,000	- 0 -	To be bid
<i>New Gradall (1)</i>	\$ 450,000	\$ 445,017	Delivered
	<hr/>	<hr/>	
	\$1,350,000	\$ 879,724 Total	

Maintenance Projects – Budgeted \$3,000,000

	<u>Actual</u>	<u>Status</u>
• Coulee Mine Tree/Obstruction removal South College to Bayou Vermilion (removed approx. 70 trees)	\$ 124,200	Complete
• Emergency Flushing 65,475 ft. of sub-surface drainage cleaned	\$ 168,000	Complete
• Emergency Concrete Coulee Cleaning Approximately 22,000 LF cleaned (20 channels) Coulee Mine Branch remains underway	\$ 775,026	85% complete
• Inspection Services	\$ 10,912	85% complete
• Roadside Ditch Excavation & Flushing Contractual Services	\$1,750,000	Starting Sept 30
	<hr/>	
	\$2,828,138	Total Cost

Spot Dredging Vermilion - Budgeted \$5,000,000

	<u>Actual</u>	<u>Status</u>
Survey/Environmental Assessment for Full Dredging	\$ 213,000	85% complete
Engineering for Spot Dredging	\$ 100,000	5% complete
Hazardous Debris Removal (12 mile section– 1950 cubic yards removed)	\$ 218,250	100% complete
Submerged Debris Removal (550 locations)	(estimated) \$ 600,000	Waiting on USACE permit
Spot Dredging (Rotary Point) (Approximately 1 mile section)	(estimated) \$1,000,000	In design
	<hr style="width: 100%; border: 0.5px solid black; margin-bottom: 5px;"/> \$2,131,250	Anticipated Costs

Localized Flood Mitigation – Budgeted \$5,000,000

As a result of the May 17, 2021 flood, LCG has documented 160 flood complaints and 53 flooded homes. The projects listed below will provide drainage benefits to the flooded homes and the surrounding area neighborhoods and streets.

Projects Awarded

		<u>Actual</u>	<u>Status</u>
Arlette Dr	inlet/trenches	\$106,906	Start October 1
Beverly Dr	trench gates, outfall	\$178,832	Start October 15
Billie Lou Dr @ Domas Dr	inlets/trenches	\$ 43,114	Start October 15
Brentwood Blvd 300 blk	correct inlet & pipes	\$ 80,646	Start September 7
Brentwood Blvd 800 blk	inlet/trenches	\$ 62,414	Start October 1
Edna St.	add inlets	\$ 47,500	Start October 1
King Rd, Phase I	inlets/trenches	<u>\$124,000</u>	Started August 27

\$643,412 Total Costs

<u>Under Design</u>	<u>Estimated Cost</u>	<u>Estimated Bid Date</u>
1. Acadiana Woods (buyout/elevation)	\$ 400,000	November 2021
2. Acorn Dr. Detention	\$ 500,000	February 2022
3. Bell North Heights	\$ 800,000	June 2022
4. Camellia Outfall	\$ 400,000	January 2022
5. Gerald Dr. Coulee	\$1,000,000	March 2022
6. Kings Rd. Outfall, Ph 2	\$ 150,000	December 2021
7. Winnipeg Outfall	\$ 250,000	September 2021
8. S. Orange	\$ 750,000	June 2022
9. Zion Outfall	<u>\$ 150,000</u>	November 2021
	\$4,400,000 Estimated Total	

Capital Projects Status

- Walker Road, Ph I
 - Project started August 15
 - Funds allocated to Phase I
- Walker Road, Ph III
 - PW purposes to use Ph III funding (\$1.6M) to expand Ph I northward to Raggio Road
- Lake Farm Road Detention
 - Ph I is under construction (50% complete - \$450,000 cost-to-date)
 - Ph II is waiting on Corps permit

Contact:

Chad Nepveaux

Public Works Director

(337) 291-8501

cnepveaux@lafayettela.gov

Brian Smith

Drainage Director

(337) 291-8509

bsmith@lafayettela.gov