



CITY OF BROUSSARD

BROUSSARD DRAINAGE IMPROVEMENT MASTER PLAN

2026

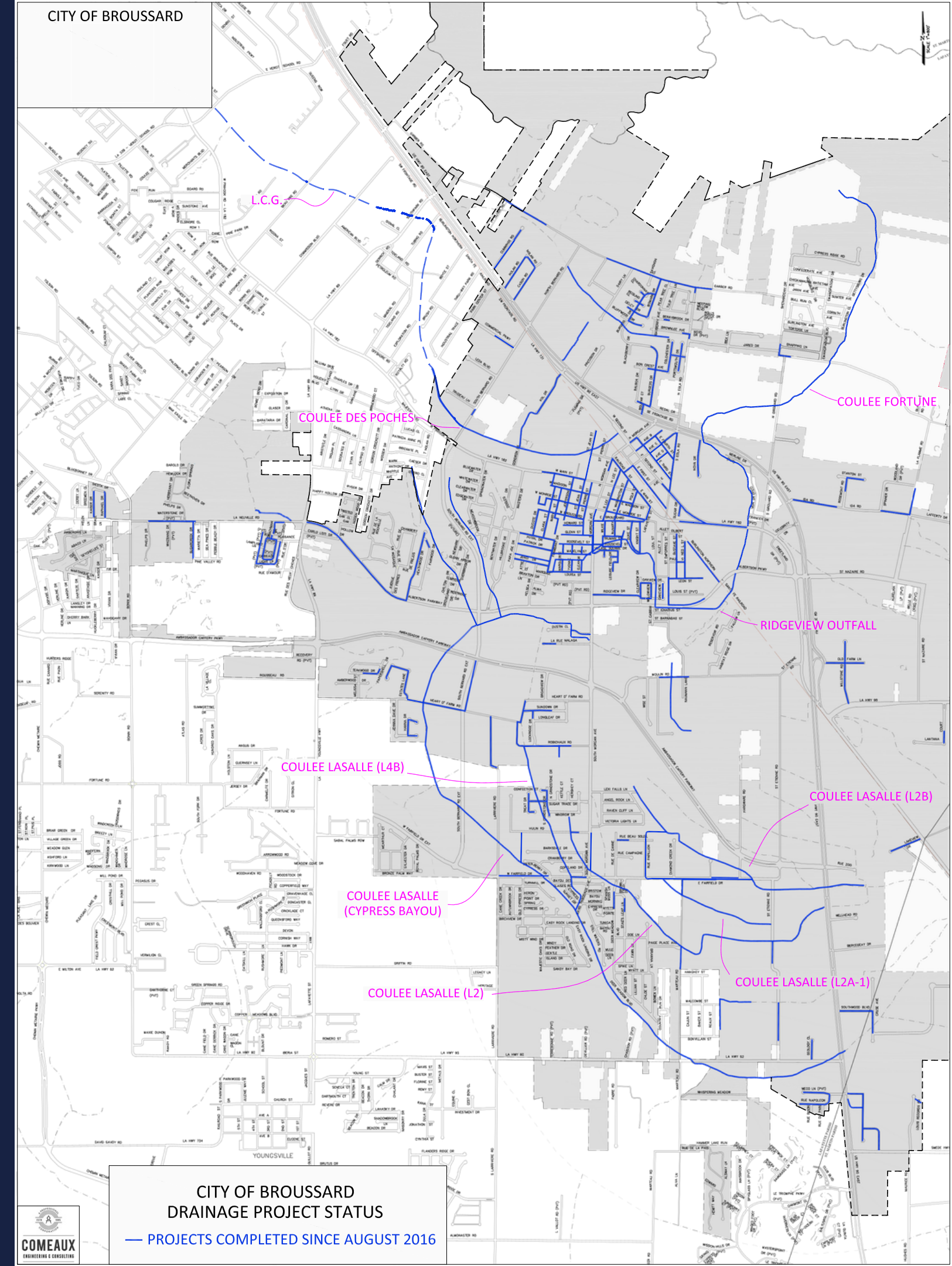
OVERVIEW

As our city continues to experience unprecedented growth, improving and expanding key infrastructure systems is essential to our long-term success. The city's drainage systems, as well as enhanced drainage guidelines for new developments, are a priority for Broussard. This report details the completed, working, and future projects, all aimed at that goal. Improved drainage, better planning, and stronger infrastructure. Broussard has completed cleaning most of its major drainage canals and is currently working on the remaining ones. Improving these major arterials to peak performance now allows the city to move into a new phase of upgrades, neighborhood and roadside ditches. This systematic plan for drainage improvements will allow the city to address problem areas that, in years past, have been areas of concern. Broussard's commitment to enhancing drainage will not change. A cycle of planning, funding, and completing projects is the path for the greatest level of success, and in Broussard, this is an all-hands-on-deck approach with layers of commitment that start from the Mayor's office and echo through other departments. Engineering, public works, publicly bid projects, stringent drainage guidelines for new development, and council funding all play pivotal roles in the successes we have achieved and successes to come. Broussard will not compromise when it comes to improving drainage citywide.

“A COMPREHENSIVE PLAN TO PROVIDE FLOOD MITIGATION AND DRAINAGE IMPROVEMENTS WHILE ACCOMMODATING FUTURE GROWTH.” - MAYOR RAY BOURQUE

- Broussard's approach to improving drainage began with the Cypress Bayou Lateral 1 project, which cost \$700,000 and was developed by a collaborative team of Council Members and public works staff.
- The Great Flood of 2016 prompted the city's commitment to proactive drainage measures, resulting in a strict drainage ordinance.
- After Ray Bourque became mayor, he and the council focused on further improvements, including the creation of the Ridge View Outfall project, a one-million-dollar enhancement that was completed on time.
- They also established three drainage crews tasked with the ongoing maintenance of the city's ditches and coulees.
- This effort demonstrates the city's dedication to enhancing drainage infrastructure and preventing future flooding.

City of Broussard Completed Drainage Projects since 2016



COMPLETED PROJECTS

Proactive flood mitigation, drainage improvements, and accommodation for future growth.



Replacement of the major drainage structure in front of St. Cecilia School



Replacement of a major drainage structure near the Village at Broussard (Main Street Phase I)



Construction of a bridge in conjunction with the South Bernard project (between Fairfield and Heart D Farm)



Replacement of the bridge on South Bernard (between Main Street and Highway 90)



Drainage improvements in conjunction with the South Bernard project

COMPLETED PROJECTS

Proactive flood mitigation, drainage improvements, and accommodation for future growth.



Replacement of Garber Road bridge & channel improvements



Replacement of a major drainage structure on St. Etienne Road



Drainage improvements in conjunction with the Main Street Phase I project
(South Bernard Road to Clara Street)



Drainage improvements in conjunction with the Main Street Phase III project
(Railroad Tracks to Albertson Parkway)



North Bernard Road drainage improvements

COMPLETED PROJECTS

Proactive flood mitigation, drainage improvements, and accommodation for future growth.



Cypress Bayou Lateral 4D Drainage Improvements



Cypress Bayou Lateral 4B (Through Sugar Trace)



Ridgeview Outfall



**APPROXIMATELY
\$25 MILLION
PROJECTED
INVESTMENT IN
DRAINAGE PROJECTS
SINCE 2016**

**COMEAX ENGINEERING/CITY OF
BROSSARD DRAINAGE MASTER PLAN**



PUBLIC WORKS DRAINAGE PROJECTS (IN-HOUSE)

Leveraging our resources to
combat drainage infrastructure
erosion and weathering.



COMPLETED PROJECTS

Channel maintenance (major coulees) silt removal, debris removal/disposal and vegetation removal



Coulee Fortune (On Going)



Cypress Bayou L2B & Cypress Bayou L2A1



Cypress L2B



Coulee LaSalle(b) L6A & Coulee LaSalle(a) L1

COMPLETED PROJECTS

Channel maintenance (major coulees) silt removal, debris removal/disposal and vegetation removal

- 50 miles of roadside ditch cleaning/maintenance (Since January 2023)
- East Fairfield drainage improvements
- Heart D Farm Road drainage improvements
- Moulin Road Outfall drainage maintenance
- Drainage improvements to Rue Papillion

COMPLETED PROJECTS

Channel maintenance (major coulees) silt removal, debris removal/disposal and vegetation removal

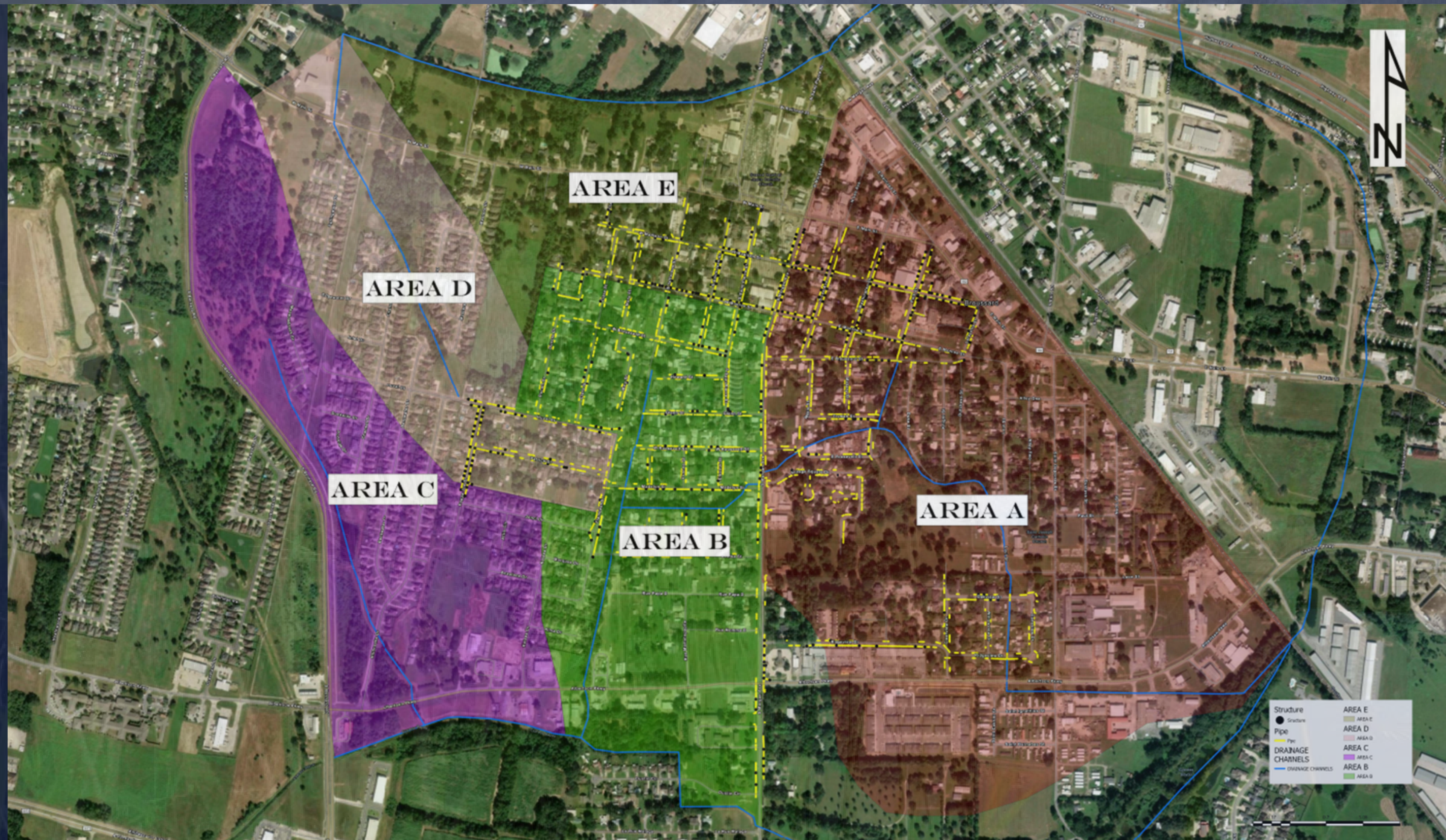
- Maintenance of Coulee De Poche (joint City of Broussard/Lafayette Consolidated Government project)
- South St. Pierre Street drainage improvements
- Celebrity Drive channel maintenance
- Lake Talon Road drainage improvements
- Ongoing ditch cleaning and minor drainage projects

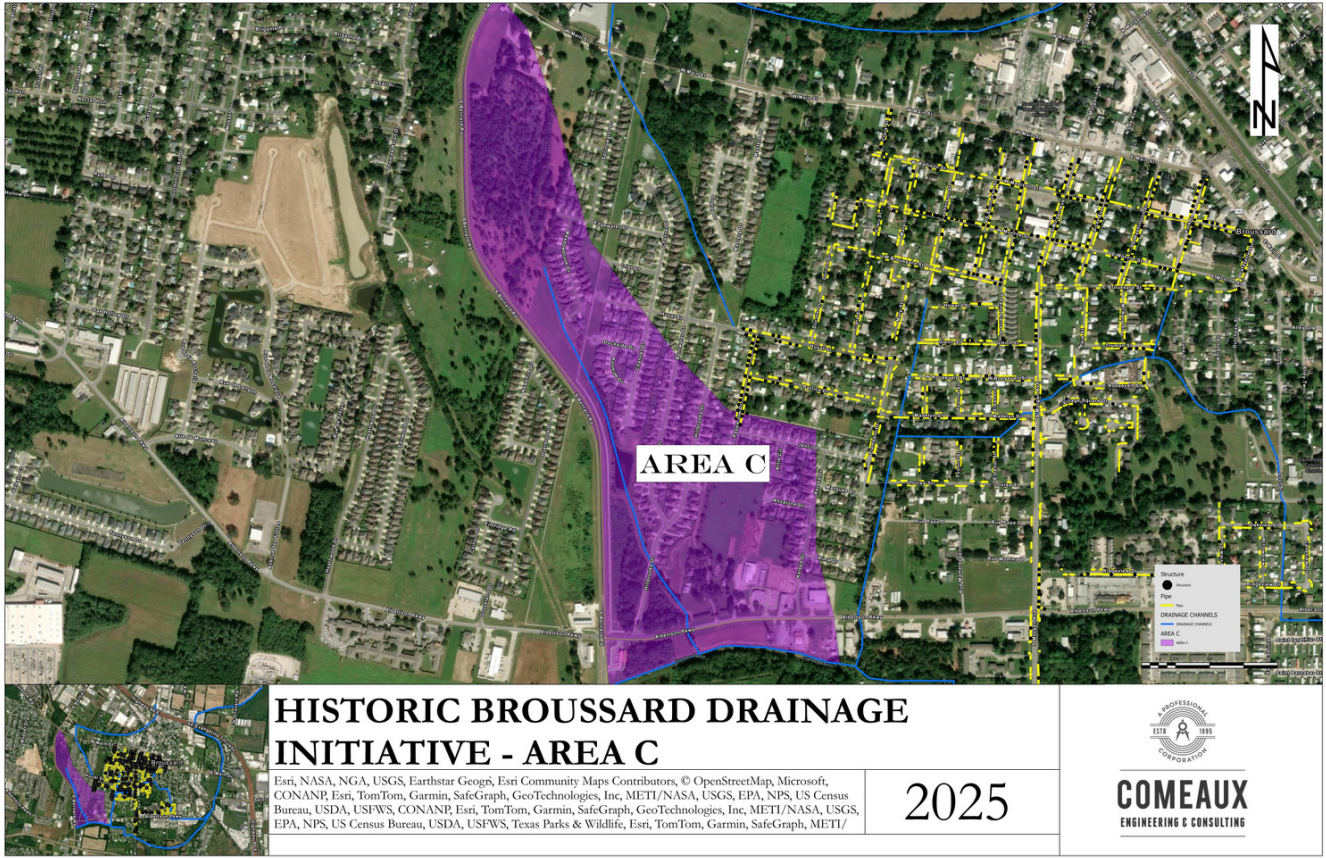
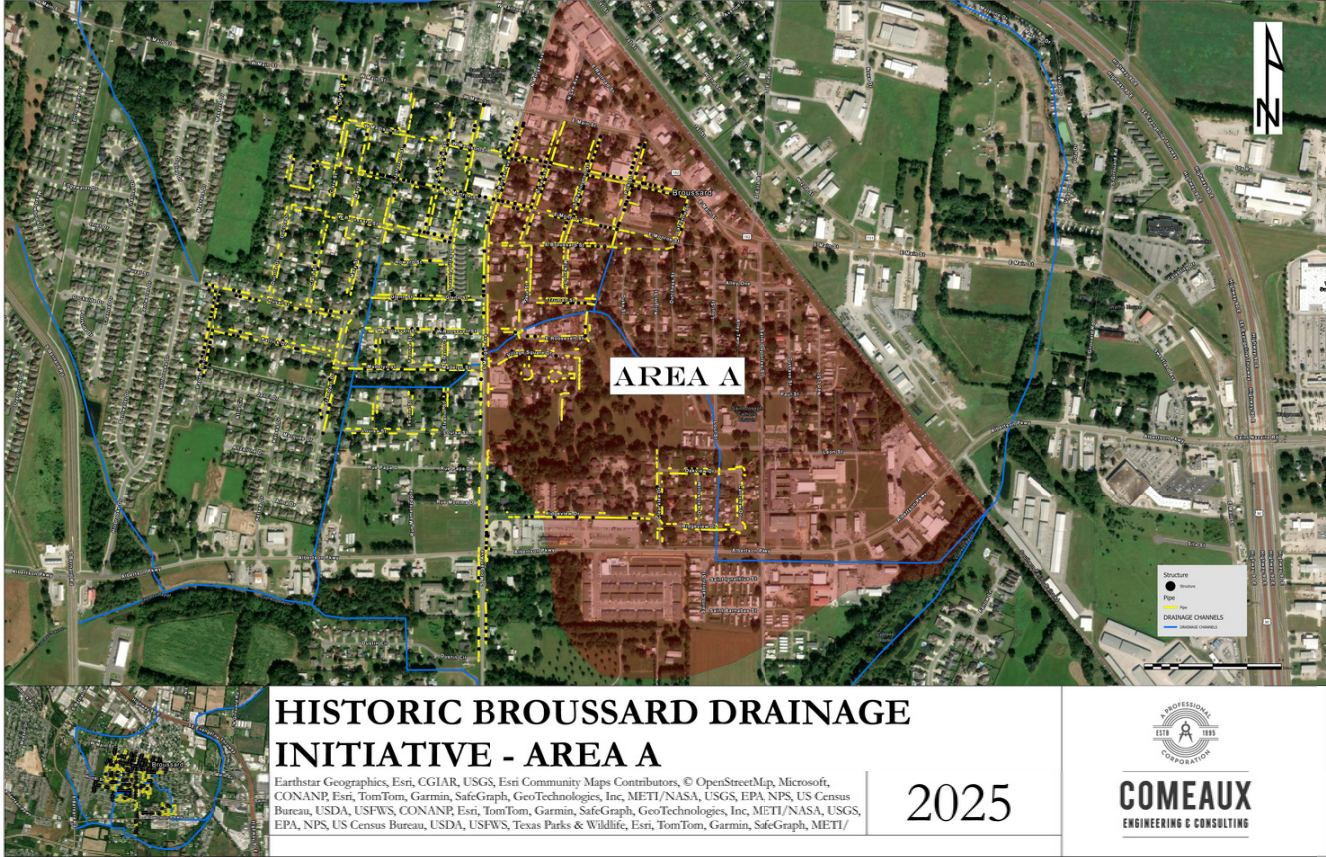
A COMPREHENSIVE DRAINAGE PLAN, WITH A FOCUS ON THE HISTORIC DISTRICT OF BROUSSARD.



Broussard drainage is unique geographically in that most of the rainwater runoff must cross Hwy 90 either through Cypress Bayou or Coulee Fortune. Small portions of the city's rain runoff are conveyed through Coulee Lasalle and Coulee Des Poches. Our first priority, when focusing on citywide drainage improvements, was to clean and clear all major drainage canals within city boundaries. Now that we have made significant progress on that front, we have added the goal of improving drainage across the entire historic Broussard area to effectively convey rainwater to major outfalls. Many of the roadside ditches and driveway culverts within historic Broussard are over 50 years old and are in desperate need of upgrades. Working with our city engineer, we have determined that there are 5 independent drainage systems within this area (see map) that shed rainwater independently of any other system. We have begun designing projects within the historic area and surveying, modeling, and funding projects that will deliver the most improvement in the most effective ways. Working from our major outfalls and then improving neighborhood drainage systems that feed into them has been a formula for improvement that has created the most significant results for our city, but we still have work to do.

HISTORIC BROUSSARD DRAINAGE INITIATIVE







HISTORIC BROUSSARD DRAINAGE INITIATIVE - AREA D

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HISTORIC BROUSSARD DRAINAGE INITIATIVE - AREA E

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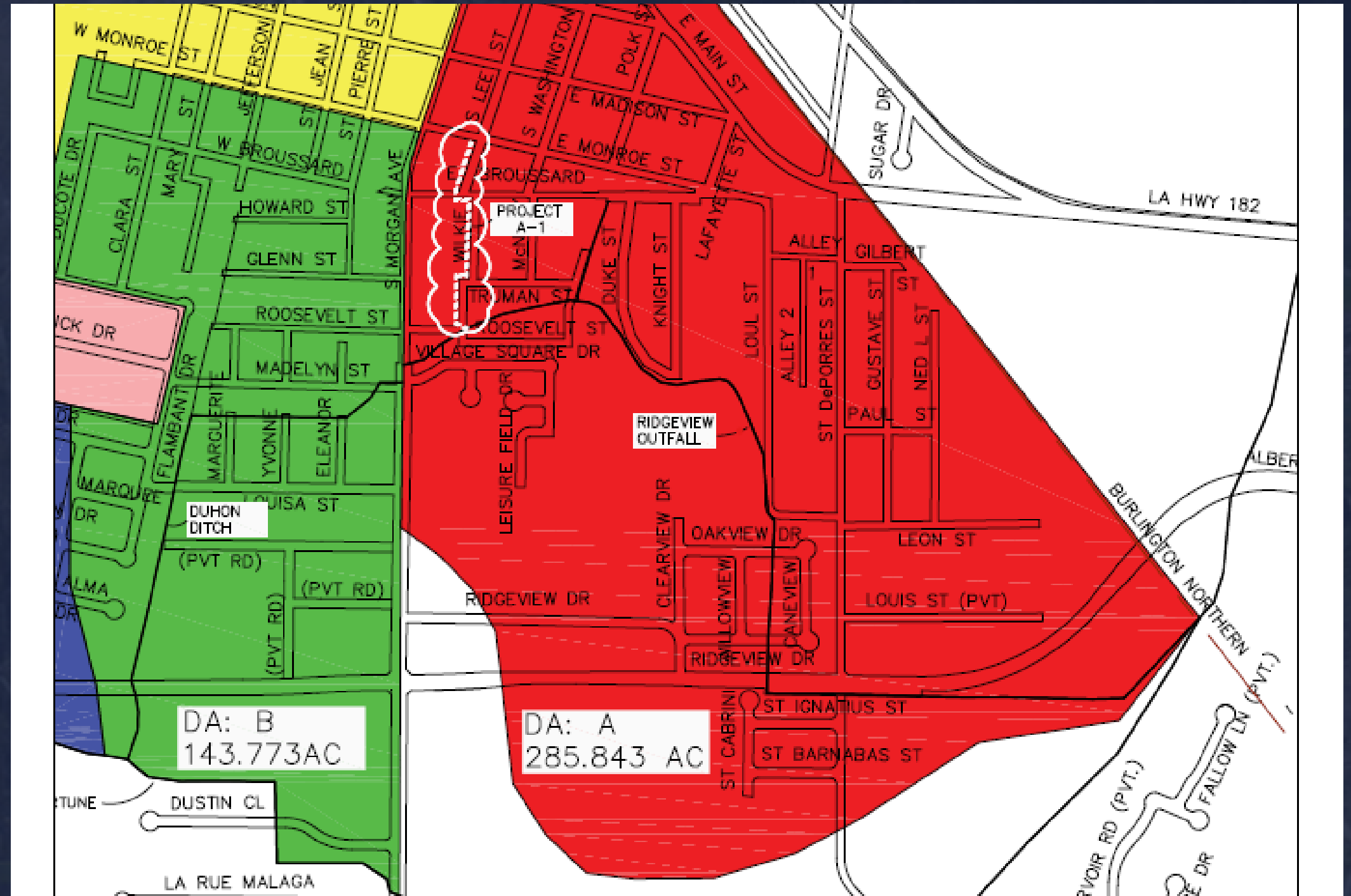
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HISTORIC BROUSSARD DRAINAGE PROJECT 1-A

Upgrading the drainage system in Broussard, particularly in the historic district, will significantly benefit local properties.



HISTORIC BROUSSARD DRAINAGE PROJECT 1-A



WHERE WE ARE HEADED

For the past several years, the city has made significant progress in cleaning and clearing the major coulees that collect rainwater and carry it out of our city. Today, we are currently cleaning our longest drainage lateral, Coulee Fortune. We are also engineering and preparing upgrades to road crossings along its entire length through our city.

CURRENT ONGOING DRAINAGE WORK

- Drainage improvements in conjunction with the Main Street Phase II Project
- Cut snag and debris removal of Coulee Fortune
- Construction of an in-line stormwater pond in conjunction with the proposed tennis/pickleball facility at St. Julien Park. The pond will have a positive impact on drainage outside the park and is currently being bid.
- North St. Jean Bridge

PROJECTS UNDER DESIGN FOR FUNDING

- Construction of an in-line stormwater management pond at Arceneaux Park
- Replacement of a major drainage structure under Main Street at Arceneaux Park
- Replacement of the St. Deporres Street bridge
- Replacement of drainage structures along Coulee Fortune
- Hydraulic modeling of all major drainage outfalls within the city
- Ongoing minor drainage projects by Public Works

CONCLUSION

As Broussard continues its journey to plan and execute meaningful projects to improve our drainage infrastructure, there are ways everyone can help. Thinking about how our drainage system works and how small things can make a big difference is important. Things like leaves, grass clippings, and litter blown into neighborhood ditches and drains can cause backups and affect neighborhood drainage. Limbs, trash cans, discarded furniture, and construction debris can clog larger drainage canal culverts, causing back-ups during heavy rains. Reporting issues like these when you see them helps city crews clear them before they become problems. Drainage affects all of us during heavy rains, tropical storms, and hurricanes, and we can all be part of an effort to improve our city's drainage system. As our city grows, we must and will continue our commitment to enhancing and investing in stronger infrastructure. Broussard's drainage system is one of our most important systems, and our city shall remain committed to improving it.