

PUBLIC WORKS DEPARTMENT

**Council Presentation
OCTOBER 20, 2025**

MILES B. BINGHAM, PE



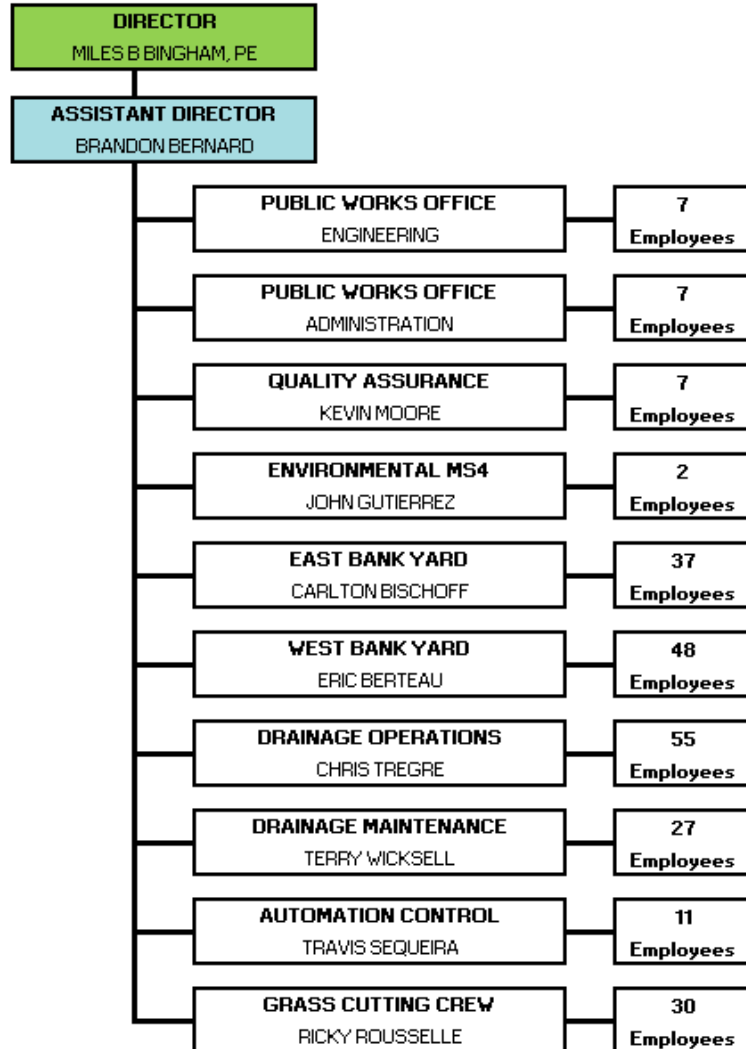
PUBLIC WORKS

AGENDA:

- **Public Works Organization**
- **Work Orders**
- **Pump Station System**
- **Public Works Emergency Responses - 2025**
- **Cooperation – Working Together**
- **Pavement Maintenance Program**
- **Public Works Capital Projects**
 - a. Completed and Under Construction Projects Summary
 - b. Funded 2026 Construction Projects
- **Questions**

PUBLIC WORKS ORGANIZATION

PUBLIC WORKS

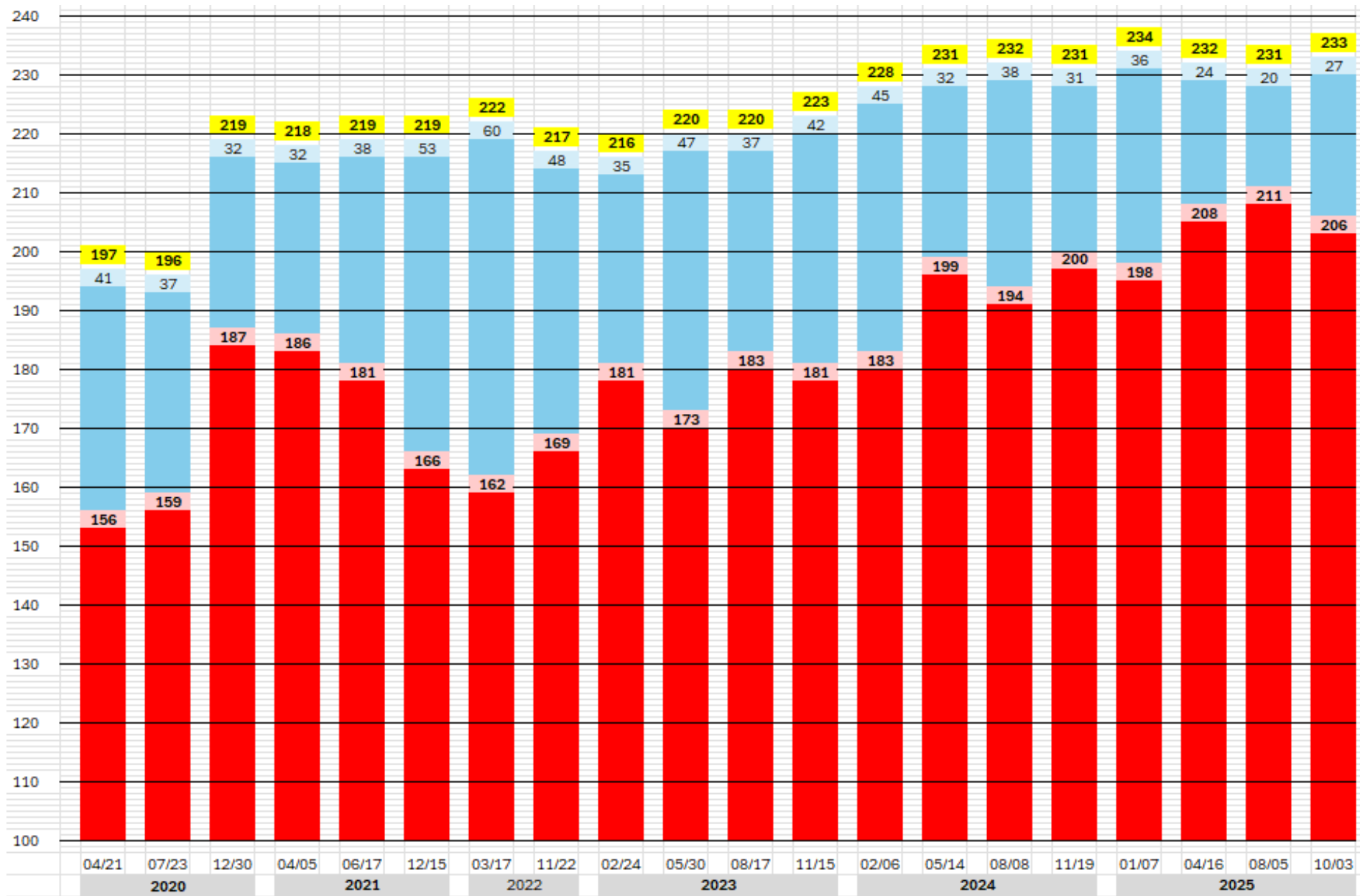


• **TOTAL POSITIONS** **233**

• **CURRENT STAFF** **206**

• **OPEN POSITIONS** **27**

- Drainage Ops. 7 Openings
- West Bank Yard 6 Openings
- PW Office 4 Opening
- Grass Cutting 3 Openings
- Drainage Maintenance 3 Openings
- Automation 2 Openings
- East Bank Yard 2 Openings



PUBLIC WORKS EMPLOYEES

This Graph shows the growth of the Public Works Department starting in 2020 through today.

Of significance is the drop in the number of open positions even as the size of the department has grown.

PUBLIC WORKS OPEN POSITIONS

WB & EB YARDS

- Operator II – 2
- Carpenters – 2
- Mechanic – 1
- Laborers – 3

PUBLIC WORKS OFFICE

- Engineer II – 1
- Engineer I/Engineer Intern – 1
- QA – 1
- Secretary – 1 (Do Not Post)

AUTOMATION CONTROL

- Automation Security Integrator Helper – 1
- Electrician Helper – 1

DRAINAGE OPERATIONS

- Operator III – 2
- Laborers – 5

DRAINAGE MAINTENANCE

- Pump Technician – 1
- Pump Technician Helper – 1
- Electrician – 1

GRASS CUTTING

- Grass Cutter III – 1
- Grass Cutter II – 1
- Laborer (West Bank) - 1

WORK ORDERS

WORK ORDER REPORT

- **Total of 15,270 Work Orders Closed January 1, 2025 to September 30, 2025.**
- **13,684 Work Orders were closed for the Operation and Maintenance of the Parish Pump Station System.**
- **Work Order numbers for Drainage Heavy Equipment and West & East Bank Road Crews include projects completed by those groups.**

Work Order Groups	Work Orders Opened	Work Orders Closed
Sunset Drainage	280	268
Drainage Maintenance	2,424	2,273
West Bank Drainage Operations	6,531	6,520
East Bank Drainage Operations	3,918	3,911
SCADA-Telemetry	874	712
Drainage Heavy Equipment	167	161
West Bank Road Crews	535	508
East Bank Road Crews	547	550
West Bank Fleet	309	251
East Bank Fleet	240	114
Director's Office - Engineering	8	2
TOTAL WORK ORDERS	15,833	15,270

WORK ORDER PROCESS

How are Potential Problems Identified/Reported

- **The Parish President's Office receives a phone call**
- **A Parish Council Member receives a phone call**
- **Public Works receives a phone call**
- **A problem is entered on the Parish Website**
- **A Parish Council Member identifies a problem**
- **Public Works Field Employees identify a problem**
- **Other Departments report a problem**
- **QA Staff identify a problem on their routine inspections**

WORK ORDER PROCESS

How Work Orders are Created

- **Step 1: A Potential Problem is identified**
- **Step 2: The QA Staff Investigates the Potential Problem**
- **Step 3: The QA Staff decides if a Work Order is needed**
- **Step 4: A Scope of Work is developed**
- **Step 5: The Work Order is created in AssetWorks**
- **Step 6: The Priority of the Work Order is determined**
- **Step 7: The Work Order is assigned to the Appropriate Party**
- **Step 8: The Work Order is Scheduled**

PUMP STATION SYSTEM

PUMP STATIONS WEST BANK

➤ Total Stations 34

➤ Total Pumps 91

➤ Stations on SCADA 19

➤ West Bank 3,082,155 GPM

WEST BANK										
	STATION NAME	PUMP SIZE								TOTAL GPM
		Pump #1	Pump #2	Pump #3	Pump #4	Pump #5	Pump #6	Pump #7	Pump #8	
1	AMA SELLERS	42"	42"	36"	36"					154,000
2	CORONADO #1	18"	18"							28,000
3	CORTEZ	24"	24"							38,000
4	DAVIS / BARTON	42"	20"	42"						100,980
5	DAVIS POND	48"	48"	48"						165,000
6	EIGHTY ARPENT	48"	48"	42"	42"	48"	48"	48"	48"	422,000
7	ELLINGTON	42"	42"	42"	42"					144,800
8	GEORGE COUSINS	48"	48"	42"	42"	48"	48"	48"	48"	418,000
9	HACKBERRY	16"	16"							16,000
10	KELLOGG	42"	42"	42"						155,325
11	LAKEWOOD SOUTH	36"	36"							68,000
12	MAGNOLIA RIDGE	42"	42"	42"	42"					152,000
13	OLD KELLOGG ELECTRIC	12"	8"							7,000
14	PARADIS	30"	20"	24"						63,000
15	RANDOLPH	36"								34,000
16	SUNSET	60"	60"	60"	30"	30"	36"			384,750
17	TIBBY	42"	42"							92,000
18	WILLOWDALE	54"	54"	54"						235,500
19	WILLOWRIDGE	48"	48"	48"						134,400
20	3127/BARRIERE	24"								24,000
21	BARTON SUMP	12"								4,000
22	BAYOU ROAD	3"	3"							320
23	BOUTTE	24"	24"							53,000
24	CORONADO #2	18"	18"							28,000
25	DAVIS SUMP	12"								4,000
26	ERIC SUMP	3"	1.5"							160
27	HAHNVILLE HIGH SCHOOL	16"								8,000
28	LAGATTUTA	20"	18"	8"						24,000
29	LAKEWOOD NORTH	8"	8"	30"						36,800
30	LAKEWOOD SCHOOL	16"								8,000
31	LOW STREET HYDRAULIC	24"								24,000
32	MIMOSA	24"	24"							27,800
33	NOLA STREET	30"	12"							27,000
34	TUNNEL SUMP	3"	3"							320

PUMP STATIONS EAST BANK

➤ Total Stations 24

➤ Total Pumps 64

➤ Stations on SCADA 14

➤ East Bank 2,639,740 GPM

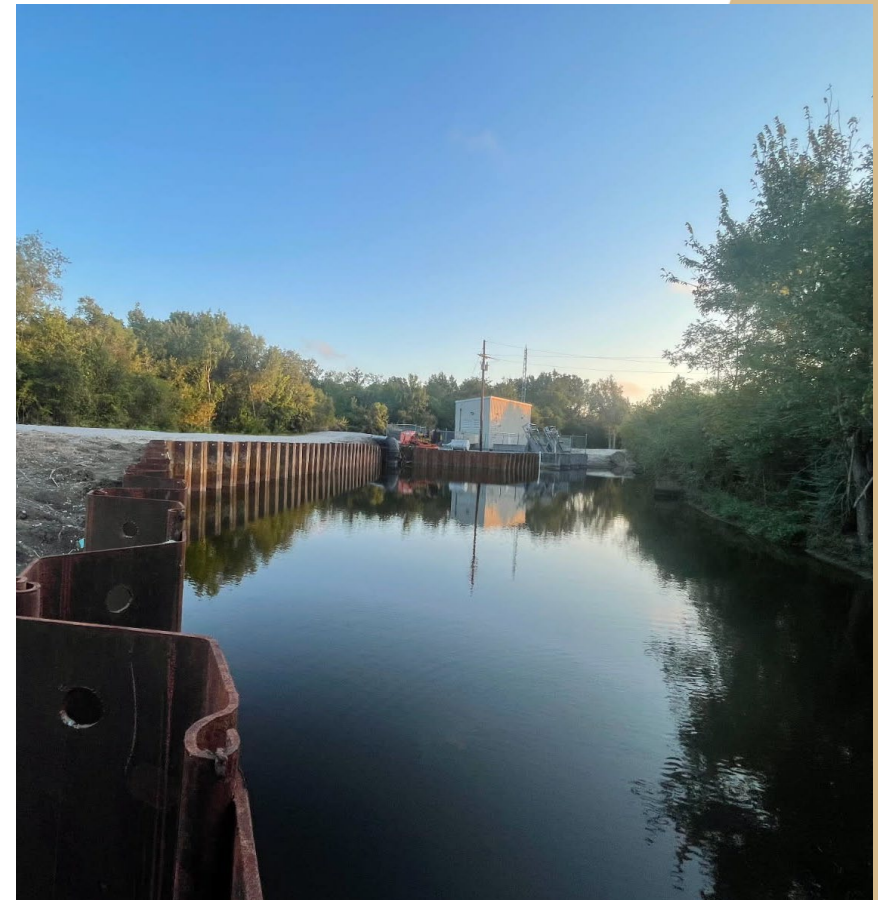
The two (2) new Montz Pump Stations will increase Total GPM by 196,400 GPM

EAST BANK								
	STATION NAME	PUMP SIZE						TOTAL GPM
		Pump #1	Pump #2	Pump #3	Pump #4	Pump #5	Pump #6	
1	BAYOU TREPAGNIER	60"	60"	60"	30"			359,100
2	CROSS BAYOU	60"	60"	60"	60"	60"	30"	587,000
3	DESTREHAN 1	48"	48"	48"	48"	54"	54"	340,000
4	DESTREHAN 2	48"	48"	48"	72"	72"		418,000
5	DIANNE	24"	24"	30"	36"			97,300
6	ENGINEER'S CANAL	26"	26"	26"				84,000
7	FAIRFIELD	18"						11,000
8	4TH STREET	20"	24"					33,000
9	MONTZ PRESCOTT CANAL	30"	30"	30"				76,000
10	NEW SARPY	36"	36"	36"				102,000
11	OAK STREET	20"	24"					33,000
12	OAKLAND	18"	24"					30,000
13	SCHEXNAYDRE	36"	48"	36"				123,000
14	WALKER CANAL	36"	12"	36"				74,000
15	ALMEDIA ROAD	24"	24"	24"				54,000
16	ALMEDIA STRUCTURE	30"						26,000
17	BANKONE	24"						24,000
18	FOX LANE	24"						18,000
19	HARDING STREET	6"						1,400
20	RIVER BEND #1	24"	24"					36,000
21	RIVER BEND #2	24"	24"					36,000
22	TURTLE POND HYDRAULIC	24"	12"					24,500
23	WALKER STRUCTURE	30"	30"					52,000
24	WET LAND WATCHERS	3"	3"					440

DIANNE PUMP STATION SUMP AND PUMP UPGRADE



A sump and a new 36" pump were added to the Dianne Pump Station. These improvements almost tripled the operating capacity of this Station.



CROSS BAYOU PUMP STATION STATION UPGRADES

St. Charles Parish assumed responsibility for operation and maintenance of the Cross Bayou Pump Station at the start of 2025. The following improvements were completed:

- **New fuel day tanks were installed**
- **Upgrade fuel system and piping**
- **New air ventilation fans were installed**
- **Upgrade interior and exterior lighting**
- **Replace deteriorated turbos in the cooling system**
- **Rebuild all gear boxes due to excessive wear**
- **Install an automatic oiling system**
- **Install a new upgraded water lubrication system**
- **Update SCADA system to allow remote operation**

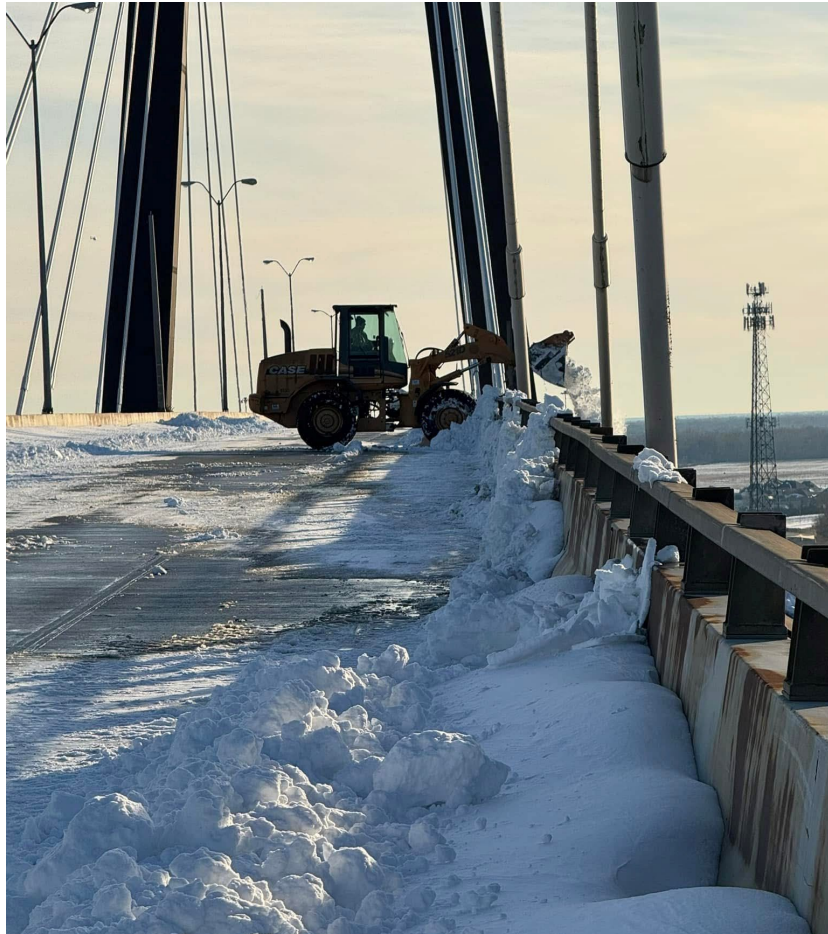


PUMP STATIONS UPCOMING UPGRADES

- Willowdale Pump Station Sump and Bar Screen Improvements – District 2
- Lakewood Pump Station Discharge Modifications – District 2
- Sunset Bar Screen Improvements (P080905-11C) – District 4 (**Construction Underway**)
- Sunset Station Upgrades (P080905-11D) – District 4
- Oakland & Fairfield Pump Station Improvements (P180301) – District 5
- Turtle Pond Pump Station Replacement (P190801) – District 5
- Oak Street Pump Station Upgrades – District 5
- Dianne Place Pump Station Upgrade – District 5 (**Sump and New Pump Added**)
- Montz Pump Station No. 1 (P210301) – District 6 (**Construction Underway**)
- Montz Pump Station No. 2 (P210806) – District 6 (**Construction Underway**)
- Engineer's Canal Pump Station (P220206) – District 6
- New Sarpy Pump Station Improvements (P220203) – District 6
- Schexnaydre Pump Station Improvements (P220207) – District 6

PUBLIC WORKS EMERGENCY RESPONSE 2025

January 22nd Snow Storm



July 17th Rain Event

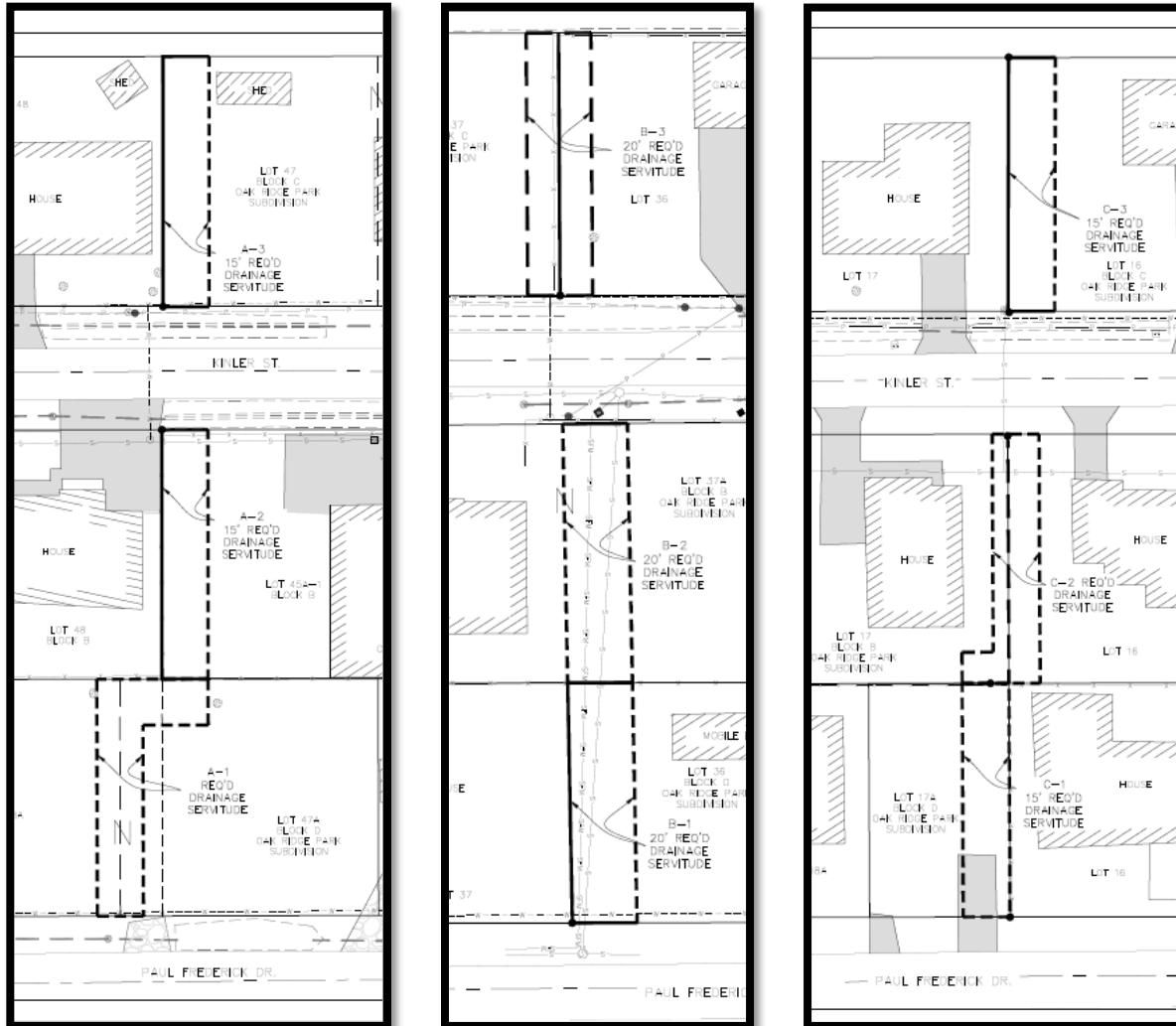


PUBLIC WORKS PREPARING FOR STORMS



COOPERATION WORKING TOGETHER

Property Acquisition



- The Kinler and Paul Frederick Drainage Project required the acquisition of 9 Drainage Servitudes and 2 Properties. The Public Works and Legal Teams worked together to successfully acquire all Servitudes and Parcels for the project
- The King and Hahn Street Drainage Project required the acquisition of a property with multiple shared ownership. The Legal Team worked diligently to identify all partial owners so the parcel could be acquired.

Ashton Soccer Complex Parking Area

The Recreation Department and St. Charles Soccer have been attempting to move all soccer games to the new fields at the Ashton Soccer Complex.

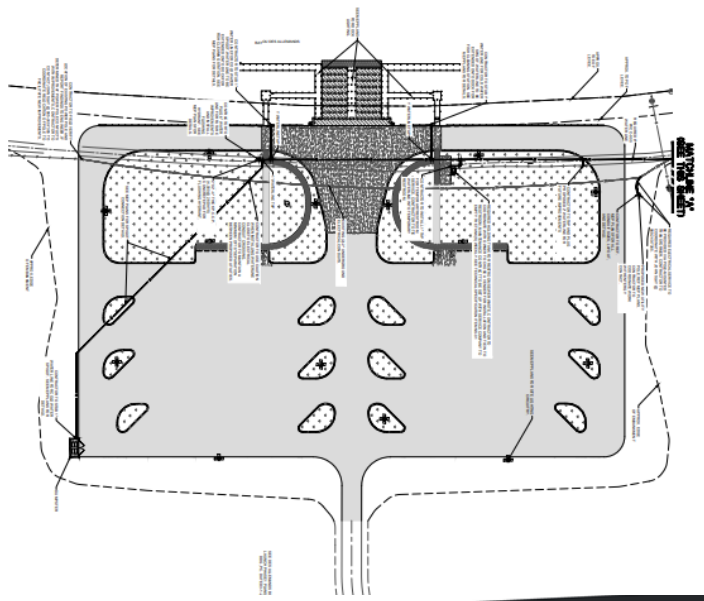
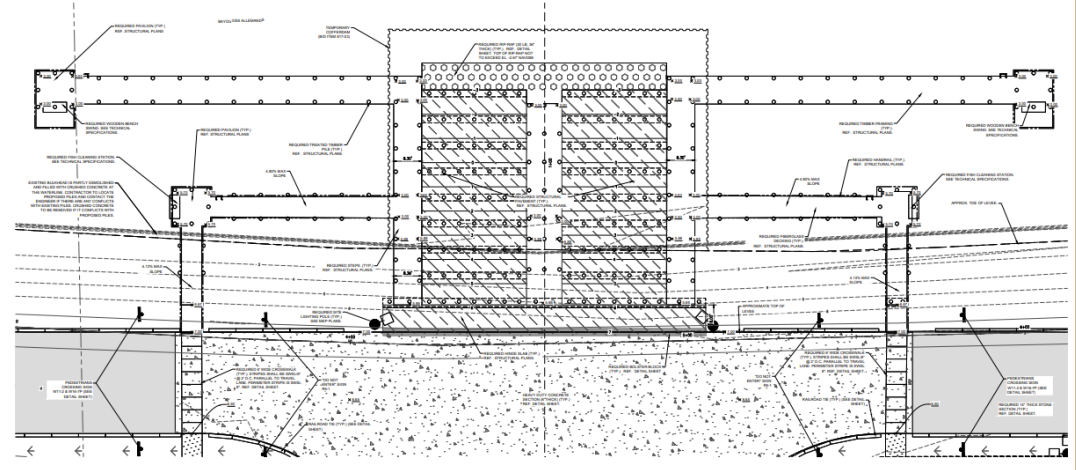
Inadequate parking had been a hinderance in making this move a reality.

Public Works staff utilized a donation of RAP (Reclaimed Asphalt Pavement) from the LDOTD to construct a parking lot with 270 spaces.

St. Charles Soccer was able to start their Fall Season on September 6th with all games at the Ashton Soccer Complex.



Des Allemands Boat Launch



Working together, the Recreation Department and the Public Works Department have been able to bring to fruition the design of the Des Allemands Boat Launch. The project was bid on September 23rd and is expected to start construction by the end of 2025.

SPECIAL EVENTS

SPECIAL EVENTS



SETTING UP FOR AN EVENT

SPECIAL EVENTS



KREWE of DES ALLEMANDS

SPECIAL EVENTS



BLESSING OF THE FLEET



KREWE OF DES ALLEMANDS

SPECIAL EVENTS



BLESSING OF THE FLEET



SPECIAL EVENTS



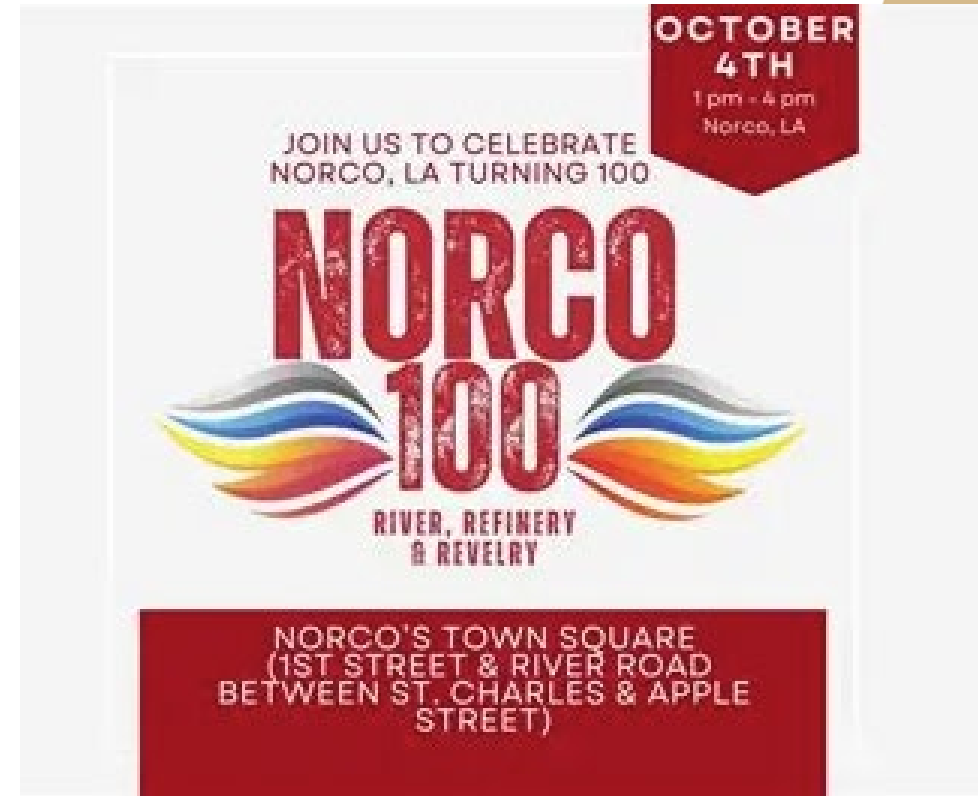
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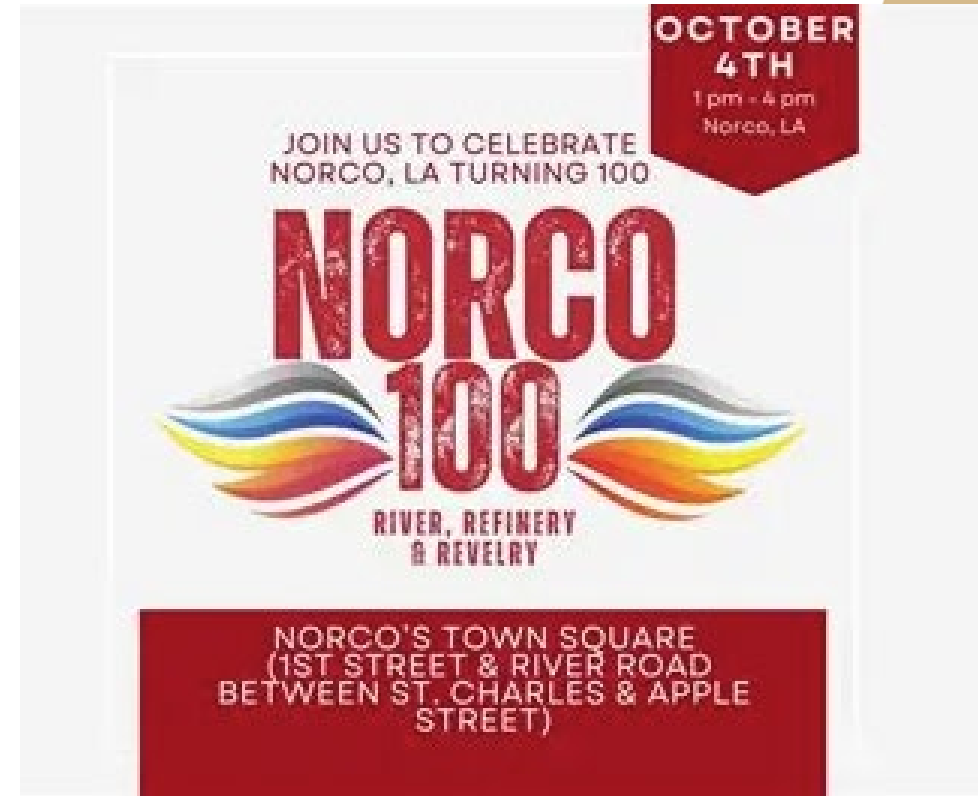
SPECIAL EVENTS



SPECIAL EVENTS



SPECIAL EVENTS



SPECIAL EVENTS



SPECIAL EVENTS



SPECIAL EVENTS



SPECIAL EVENTS



SPECIAL EVENTS



OTHER FUNCTIONS SUPPORTED

- ☐ First Responders Cook Off
- ☐ NFL Experience
- ☐ Hahnville vs Destrehan Football Game
- ☐ Household Hazardous Waste Day

PAVEMENT MAINTENANCE PROGRAM (2025)

PAVEMENT MAINTENANCE PROGRAM

ELIMINATING VERY POOR & POOR

PHYSICAL CONDITION	SURFACE TYPE	DISTRICT							TOTAL ROADS
		1	2	3	4	5	6	7	
POOR	CONCRETE	2	5	1	1	0	0	0	9
	ASPHALT	0	1	0	1	0	2	4	8
	LIMESTONE	1	1	0	0	0	0	0	2
VERY POOR	CONCRETE	0	1	0	0	0	0	0	1
	ASPHALT	0	1	0	0	0	0	0	1
	LIMESTONE	0	0	0	0	0	0	0	0
TOTAL ROADS		3	9	1	2	0	2	4	21

- ❑ 2 Very Poor Streets (1 Asphalt and 1 Concrete)
- ❑ 19 Poor Streets (8 Asphalt, 9 Concrete and 2 Limestone)
- ❑ 7 Limestone Streets (Maintenance Issue)

PAVEMENT MAINTENANCE PROGRAM

ELIMINATING VERY POOR & POOR

STREET NAME	DISTRICT	BOUNDARY	PRIORITY	CONDITION	SURFACE TYPE	NOTES:
Hall Street	2	Asphalt to Milling Avenue	11	Very Poor	Concrete	Completed under Concrete Streets 2023-24
Leo Street	1	Home Place (LA 3160) to Scorpio Street	8	Poor	Concrete	1 Very Poor & 7 Poor Streets Repaired
Scorpio Street	1	Aries Street to Leo Street	9	Poor	Concrete	
Celia Drive	2	LA 3060 to LA 3060 (Barton Avenue)	12	Poor	Concrete	
Courville Drive	2	Sugarhouse Road to Milling Avenue	11	Poor	Concrete	
Milling Avenue	2	Hall Street to Talbot Drive (Asphalt)	12	Poor	Concrete	
Post Drive	2	Paul Maillard (LA 52) to Sugarhouse Road	12	Poor	Concrete	
Talbot Drive	2	Sugarhouse Road to Milling Avenue	11	Poor	Concrete	
Amie Drive	2	Amelia Street to Lorraine Street	12	Very Poor	Asphalt	Completed under Asphalt Road Maintenance 2025
Badeaux Lane East	4	Bayou Gauche Road Road (LA 305) to Dead End	11	Poor	Asphalt	1 Very Poor & 5 Poor Streets Repaired
Mary Street (2)	6	Fourth St. (1) to Fifth Street (1)	14	Poor	Asphalt	
Van's Lane	6	River Rd. (E. Bank) to Dead End	15	Poor	Asphalt	
North Oak Court	7	Paul Malliard Rd. to Cul-de-sac	9	Poor	Asphalt	
Paul Fredrick Street	7	Canal St. to Hackberry St.	14	Poor	Asphalt	
Cedar Lane	3	Ormond Village Drive to Dead End	10	Poor	Concrete	Completed by Annual Concrete Contractor
Gum Street (2)	4	Sharon Avenue to Dead End	10	Poor	Concrete	2 Poor Streets Repaired
Paul Fredrick Street	7	Hackberry St. - Brooklyn St.	14	Poor	Asphalt	Will be Repaved in 2026 following Drainage Project
Kinler Street	7	Brooklyn St. - Hackberry St.	14	Poor	Asphalt	
Pelican Street	2	River Road (EB) to before Amie	14	Poor	Asphalt	Awaiting completion of Bunge Construction
James Street East	2	River Road (EB) to James Street West	11	Poor	Limestone	Awaiting completion of Bunge Construction
S. Kinler Street (2)	1	Turner Lane to Dead End	9	Poor	Limestone	To be investigated by coring and paved at a later date

ASPHALT PAVEMENT MAINTENANCE 2025

District 1:

Adams Street
Ben Street
Julia Street
Killona Drive
Post Street
Railroad Drive
Schoolhouse Road
Short Street

District 2:

Amie Street
East Heather Drive
Palmer Drive
4th Street (Boutte)

District 3:

Schexnaydre Lane
Schexnaydre Lane East

District 4:

Badeaux Lane East
Frickey Lane
2nd Street (Boutte)
4th Street (Boutte)

District 5:

Palamino Drive
Canyon Lane
Wagon Train Lane
Bridal Path Lane
Bronco Lane
Cactus Lane
Corral Lane
Chuckwagon Lane
Holster Lane
Lasso Lane
Mustang Lane
Pinto Lane
Pony Lane
Sombrero Lane

District 6:

Fifth Street
Mary Street
Van's Lane

District 7:

Gassen Street
North Oak Court
Paul Frederick Street
East Heather Drive

PUBLIC WORKS CAPITAL PROJECTS

CAPITAL PROJECTS 2020-2026

2020

Schexnaydre Pump Station Improvements	\$ 697,545.73	09/01/2020	05/15/2020
1 PROJECT	\$ 697,545.73		

2021

West Bank Yard Building	\$ 783,207.98	03/25/2021	12/21/2021
Spillway Road Rehabilitation	\$ 1,221,147.18	05/03/2021	10/30/2021
Asphalt Pavement Maintenance 2020/2021	\$ 2,704,086.14	06/25/2021	06/08/2022
5th Street Drainage Improvements	\$ 1,073,795.00	07/19/2021	04/01/2022
4 PROJECTS	\$ 5,782,236.30		

2022

Des Allemands Emergency Bulkhead	\$ 1,772,917.98	02/01/2022	07/07/2022
Ama Drainage Improvements (Pump Station)	\$ 2,833,676.85	02/22/2022	06/08/2023
Kellogg Pump Station T-Wall	\$ 4,361,489.94	06/13/2022	03/30/2024
3 PROJECTS	\$ 8,968,084.77		

2023

Hydraulic Bottleneck Near Destrehan P.S. No. 2	\$ 2,747,021.45	03/06/2023	04/25/2024
Hill Heights Drainage Improvements Phase 1	\$ 728,098.20	03/20/2023	06/19/2023
Zeller Street Drainage Improvements	\$ 39,900.00	05/08/2023	06/01/2023
Lakewood Drive Rehabilitation	\$ 5,357,339.29	05/25/2023	02/23/2024
LA 52 (Paul Maillard) Phase 1	\$ 10,954,325.00	07/31/2023	12/23/2024
Bar Screen and Sump Improvements Destrehan P.S. No. 2	\$ 9,211,675.00	08/01/2023	11/18/2024
Asphalt Pavement Maintenance. 2022/23	\$ 3,375,107.03	08/01/2023	12/11/2023
Barber Road Bank Stabilization Phase 2	\$ 2,801,870.27	08/01/2023	03/21/2024
8 PROJECTS	\$ 35,215,336.24		

2024

Engineer's Canal Phase 1 Bank Stabilization	\$ 1,352,355.00	03/04/2024	07/29/2024
Des Allemands Boat Launch Road Phase 1	\$ 3,708,751.00	03/11/2024	12/16/2024
Des Allemands Phase 1 Bulkhead Permanent Repair	\$ 6,949,452.71	03/18/2024	12/16/2024
Primrose Canal Cleaning and Improvements - Phase 1A	\$ 2,954,323.23	04/15/2024	10/24/2024
Willowdale Blvd Turn Lane	\$ 522,861.32	06/03/2024	10/23/2024
Sunset Auto Bar Screens	\$ 12,594,880.00	08/02/2024	
Concrete Street Maintenance 2023-2024	\$ 1,725,137.66	08/22/2024	01/06/2025
7 PROJECTS	\$ 29,807,760.92		

2025

Asphalt Pavement Maintenance 2024/2025	\$ 3,350,185.14	05/19/2025	09/15/2025
Montz Pump Station No. 1 (at CN Railroad)	\$ 13,479,955.00	06/04/2025	
Riverbend Drive @ River Road (LA48) Drainage Improvements	\$ 94,790.00	07/07/2025	08/05/2025
Deputy Watson Drive Extension	\$ 1,438,242.25	08/04/2025	
Montz Pump Station No. 2 (at CPKC Railroad)	\$ 18,882,865.00	08/04/2025	
Ormond CN Railways Culverts (Sites 1 & 2)	\$ 10,542,425.00	09/02/2025	
Murray Hill and Destrehan Drive Drainage Improvements	\$ 2,112,258.00	11/03/2025	
Des Allemands Boat Launch and Pier Facility	\$ 4,795,000.00	xx/xx/2025	CONTRACT
Primrose Canal Cleaning and Improvements - Phase 1B	\$ 1,500,000.00	xx/xx/2025	BID PENDING
Ormond Center Drainage Improvements	\$ 3,600,000.00	xx/xx/2025	BID PENDING
10 PROJECTS	\$ 59,795,720.39		

PUBLIC WORKS CAPITAL PROJECTS FUNDED 2026 CONSTRUCTION PROJECTS

PROJECTS	PROJECT NUMBER	TOTAL CONSTRUCTION COST	TOTAL AMOUNT OF GRANTS	NET PARISH COST
King and Hahn Street Drainage Improvements	P220202	\$ 3,000,000.00	\$ 3,000,000.00	\$ -
Kinler & Paul Fredrick (Drainage Improvements) Phase 1	P210704	\$ 2,000,000.00	\$ -	\$ 2,000,000.00
Kinler Street Canal	P250507	\$ 500,000.00	\$ -	\$ 500,000.00
Evangeline Road & CN Railroad Box Culvert	P210701	\$ 1,600,000.00	\$ -	\$ 1,600,000.00
Engineers Canal Pump Station Improvements	P220206	\$ 16,000,000.00	\$ -	\$ 16,000,000.00
Sunset Pump Station Upgrade	P080905-11D	\$ 14,333,685.00	\$ 5,500,000.00	\$ 8,833,685.00
Lakewood Pump Station Discharge Modification	P241106	\$ 1,550,000.00	\$ -	\$ 1,550,000.00
Willowdale Boulevard Overlay & Widening (E. Heather to US 90)	P160302-2	\$ 1,300,000.00	\$ 500,000.00	\$ 800,000.00
Kinler & Paul Frederick (Roadway Rehabilitation) Phase 2	P210704	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
Barber Road (South Street to Dead End)	P210702	\$ 2,245,000.00	\$ -	\$ 2,245,000.00
Total Construction Cost		\$ 43,528,685.00	\$ 9,000,000.00	\$ 34,528,685.00



QUESTIONS?