

St. Charles Parish

St. Rose Drainage Townhall

November 1, 2023

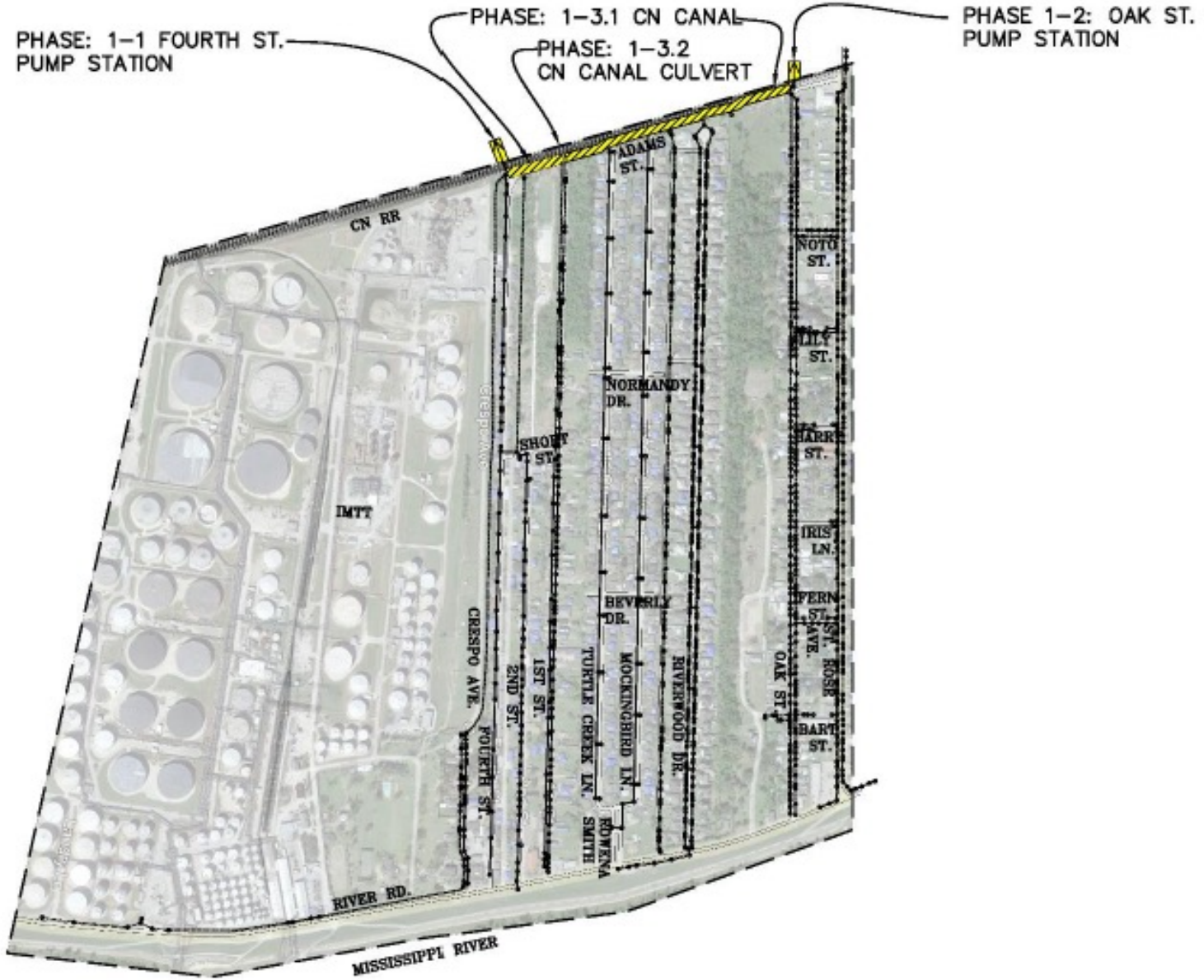
St. Charles Parish President

Matthew Jewell



St. Rose Drainage Town Hall

- **Watersheds**
 - St. Rose
 - Dianne Place
 - Bar None
 - Turtle Pond
 - Almedia
- **Grant Funding**
- **Total projects overview**



ST. ROSE PROGRAM - PHASE 1 IMPROVEMENTS
 25-YEAR CRITERIA WITH SELECTED 100-YEAR IMPROVEMENTS

St. Rose – Phase 1

Phase 1 Projects and Construction Cost Estimates	
1-1: Fourth St Pump Station and Sump Replace and Upgrade	
Replace and Upgrade Pump Station 500 CFS 2400 Cubic Feet Sump	\$ 21,500,000.00
1-2: Oak St Pump Station and Sump Replace and Upgrade	
Replace and Upgrade Pump Station 200 CFS 2400 Cubic Feet Sump	\$ 8,500,000.00
1-3.1: Canal Widening Along CN Railway	
Canal Widening: 4' Depth, 26' Width Approximately 2000 Linear Feet	\$ 105,000.00
1-3.2: Box Culvert Along CN Railway	
Required 4' x 10' Box Culvert Approximately 20 Linear Feet	\$ 68,400.00
Phase 1 Subtotal	\$ 30,173,400.00

Dianne Place– Phase 1

Phase 1 Projects and Construction Cost Estimates	
1-1: Dianne Place Pump Station and Sump Upgrade	\$ 4,650,000.00
Upgrade Pump Station from 140 CFS to 250 CFS	
Phase 1 Subtotal	\$ 4,650,000.00



BAR-NONE PROGRAM - PHASE 1 IMPROVEMENTS

25-YEAR CRITERIA WITH SELECTED 100-YEAR IMPROVEMENTS

Bar None– Phase 1

Phase 1 Projects and Construction Cost Estimates	
1-1: CN Railway Crossing West of Palomino Dr	
Required Jack and Bore 2-42" Pipe Approximately 100 Linear Feet	\$ 1,440,000.00
1-2: CN Railway Crossing at Rue Landry	
Required addition of 2-42" Jack & Bore Pipes Existing 1-42" Steel Pipe to remain Approximately 75 Linear Feet	\$ 1,080,000.00
1-3: CN Railway Crossing East of Rue Landry	
Required Jack and Bore 3-42" Pipe Approximately 150 Linear Feet	\$ 3,240,000.00
Phase 2 Subtotal	\$ 5,760,000.00

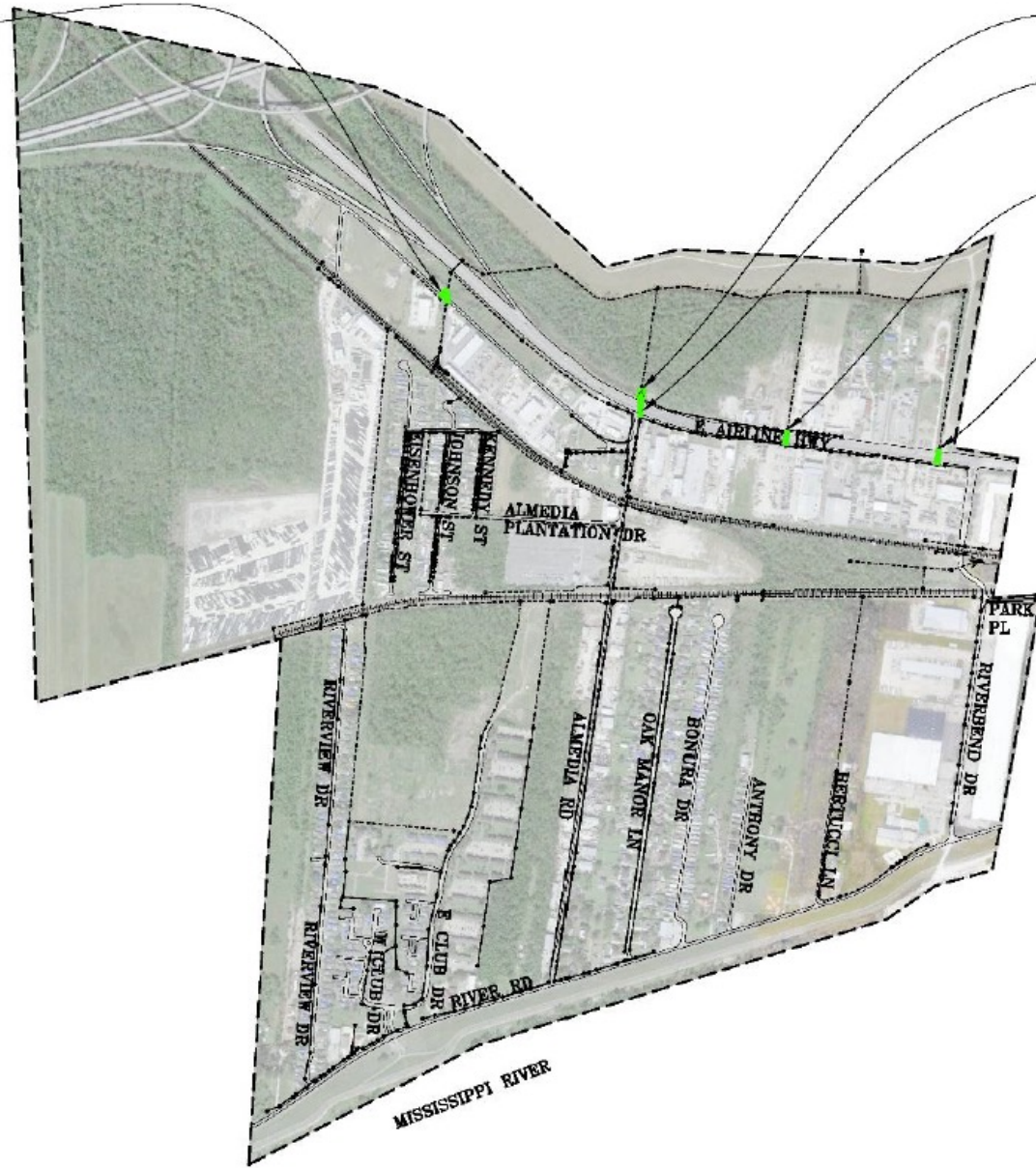
PHASE 1-2: JOHNSON ST
CULVERT

PHASE 1-1: ALMEDIA
PUMP STATION

PHASE 1-3: ALMEDIA RD
CULVERT

PHASE 1-4: AIRLINE HWY
CULVERT

PHASE 1-5: AIRLINE HWY
CULVERT



TURTLE POND PROGRAM - PHASE 1 IMPROVEMENTS

25-YEAR CRITERIA WITH SELECTED 100-YEAR IMPROVEMENTS

Turtle Pond– Phase 1

Phase 1 Projects and Construction Cost Estimates	
1-1: Almedia Pump Station Replace and Upgrade	\$ 4,400,000.00
Upgrade Pump Station from 120 CFS to 200 CFS	
1-2: I-310 Crossing at Johnson Street	\$ 120,000.00
Required 2-72" RCP or Equivalent Approximately 80 Linear Feet	
1-3: Crossing at Almedia Road and Airline HWY	\$ 780,000.00
Required Jack and Bore 2-42" pipe Approximately 240 Linear Feet	
1-4: Crossing at Airline HWY around Duhon Machinery Co., Inc.	\$ 390,000.00
Required Jack and Bore 1-42" pipe Approximately 120 Linear Feet	
1-5: Crossing Airline HWY around Fox Lane	\$ 390,000.00
Required Jack and Bore 1-42" pipe Approximately 120 Linear Feet	
Phase 1 Subtotal	\$ 6,080,000.00

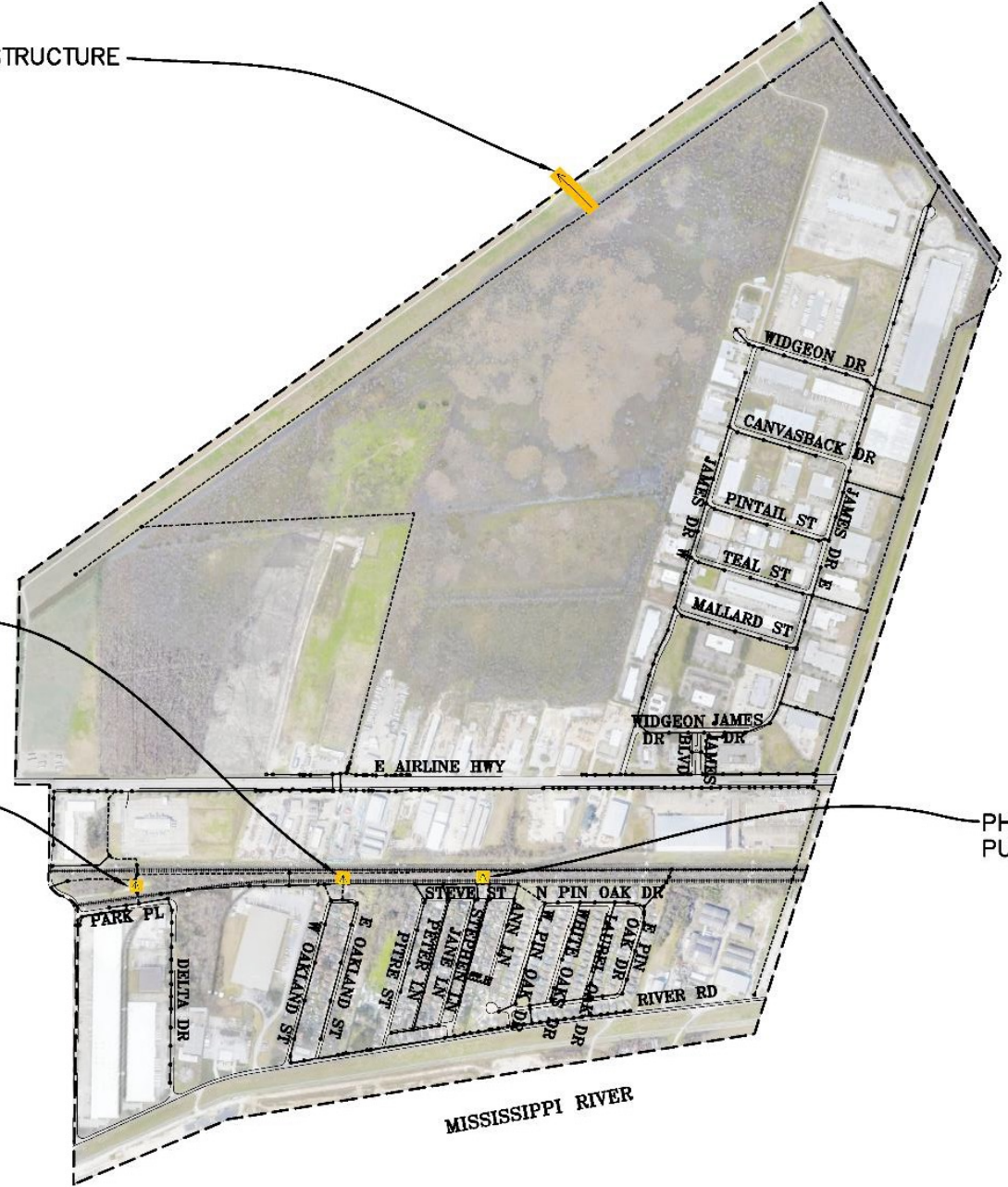
PHASE 1-1: WALKER STRUCTURE
PUMP STATION



PHASE 1-3: OAKLAND
PUMP STATION

PHASE 1-4: RIVER BEND 1
PUMP STATION

PHASE 1-2: FAIRFIELD
PUMP STATION



ALMEDIA PROGRAM - PHASE 1 IMPROVEMENTS

25-YEAR CRITERIA WITH SELECTED 100-YEAR IMPROVEMENTS

Almedia– Phase 1

Phase 1 Projects and Construction Cost Estimates	
1-1: Walker Structure Pump Station and Sump Upgrade Upgrade Pump Station from 125 CFS to 250 CFS	\$ 7,500,000.00
1-2: Fairfield Pump Station Replacement Replace/Upgrade Pump Station from 25 CFS to 100 CFS	\$ 4,500,000.00
1-3: Oakland Pump Station Replacement Replace/Upgrade Pump Station from 67 CFS to 150 CFS	\$ 6,750,000.00
1-4: Riverbend 1 Pump Station and Sump Upgrade Upgrade Pump Station from 96 CFS to 150 CFS	\$ 2,970,000.00
Phase 1 Subtotal	\$ 21,720,000.00

Grant Funding for St. Rose Drainage

Project Title	Grant Funding Requested	Program Name	Status
Fairfield and Oakland Pump Station Improvements	\$825,000 \$7.6M	State of Louisiana Capital Outlay	Awarded Requested
Turtle Pond Pump Station Improvements	\$9.2M	Louisiana Watershed Initiative	Application Submitted
Fairfield and Oakland Pump Station Improvements	\$12.8M	Louisiana Watershed Initiative	Application Submitted
Oak Street Pump Station Improvements	\$9.2M	Louisiana Watershed Initiative	Application Submitted
St. Rose Conveyance Improvements	\$15M	Louisiana Watershed Initiative	Application Submitted
Dianne Place Pump Station Improvements	\$4.6M	FEMA Hazard Mitigation Grant Program	Application Submitted

St. Rose Drainage Master Plan Overview

- **Total: 65 projects, \$105,267,058.95**
 - **St. Rose**
 - 3 Phases, 15 projects
 - Total of \$ 31,135,233.95
 - **Dianne Place**
 - 3 Phases, 9 projects
 - Total of \$ 10,317,613.60
 - **Bar None**
 - 2 Phases, 2 projects
 - Total of \$5,832,278.00
 - **Turtle Pond**
 - 4 Phases, 28 Projects
 - Total of \$26,151,803.40
 - **Almedia**
 - 6 Phases, 20 projects
 - Total of \$ 31,830,130.00

St. Charles Parish Elevations Program

- Property must meet the FEMA FMA definition of repetitive loss
- Property must pass Benefit Cost Analysis (BCA)
- Homeowner to provide cost share/match funding
- Competitive Application Process
- Application process can take up to 3 years
- **OPENING FOR APPLICATIONS NOW!**