

## Who we are

**Inland Rivers, Ports and Terminals (IRPT)** is a trade association for the nation's inland waterway, port, and terminal professionals. Our mission is to provide a platform for inland river port and terminal professionals to improve their businesses and to inform policy makers on the needs and economic impacts of our industry.

**The Port of Rosedale, Mississippi:** A total intermodal facility, offering unrivaled access to both the lower Mississippi River and the Arkansas River navigation systems, the Port of Rosedale is strategically located only 100 miles from Memphis and within a 500-mile radius major markets, including Houston, Birmingham and Atlanta.



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16 August 2016 - Helena, AR

Robert Maxwell

Rosedale-Bolivar County Port Commission  
P.O. Box 460, Rosedale, MS 38769



# Inland Rivers:

THE U. S. INLAND RIVERS  
WATERWAYS TRANSPORTATION  
MODE

THE PORT OF ROSEDALE,  
MISSISSIPPI: PROUD PARTNER  
OF INLAND RIVERS, PORTS &  
TERMINALS, INC.

Serving both the Mississippi and Arkansas Rivers

A Costly Scenario:



***If waterborne cargo were diverted to highways or rail***

Diverting waterborne cargo to the nation's Interstates would cause heavy truck traffic to nearly double. Or, if the current waterway freight traffic were diverted to rail, the tonnage on the nation's railroad system would increase by nearly 25%, with the heaviest burden being placed on the Eastern U.S. railroads, which are already operating at near capacity.

to highways: **Two inches of asphalt** would be needed to increase the pavement thickness of 126,000 lane-miles of intercity Interstate. The effects would be greater for highways parallel to the waterways.

to rail: To transport coal used in more than 50 electric generating plants adjacent to the Ohio River System, CSX railroad would need **156 new locomotives and 5,616 new coal cars**. The system's average train velocity would drop by one-third.

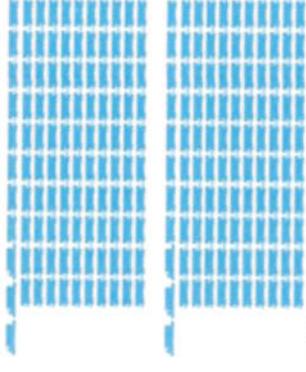


**One Common Barge Tow  
Carries the Load of Hundreds  
of Rail Cars or Semi-Trucks**

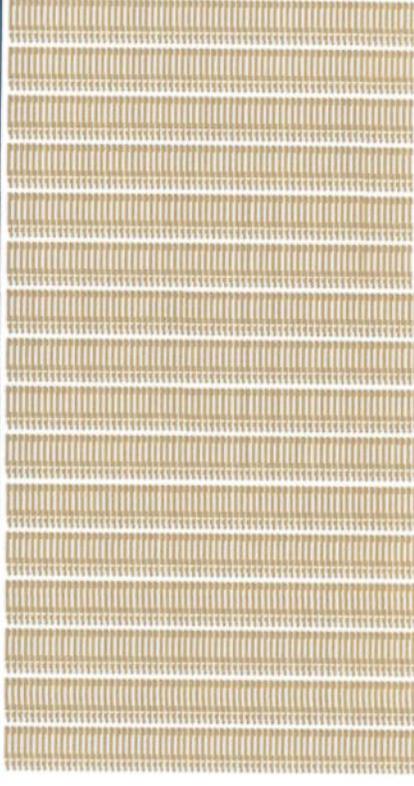
**One 15-Barge Tow**



**216 Rail Cars**



**1,050 Large Semi Tractor-Trailers**



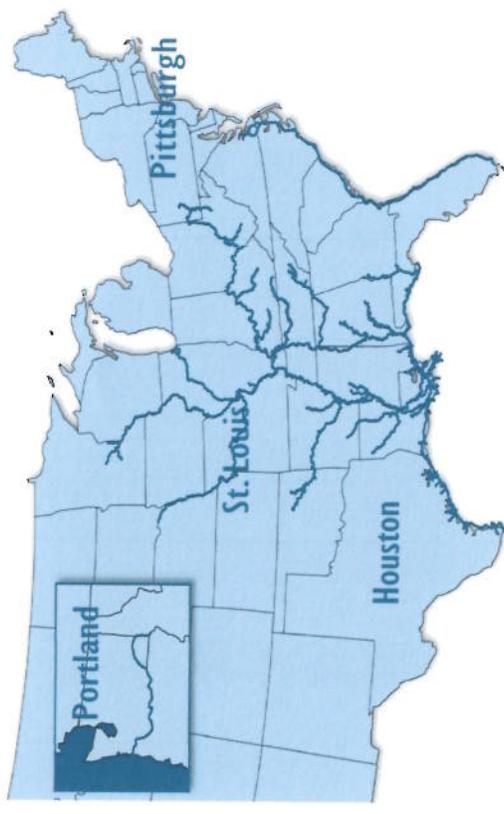
## The Port of Rosedale Mississippi

- 3.3 mile slack-water channel
- Location provides access to the Gulf of Mexico and the MKARNS for year-round import and export
- General Cargo Dock for:
  - Coil rod and Coil steel
  - Cottonseed and Cottonseed hulls
  - Lightering and Shifting loads
- Dry Bulk, Truck-to-Barge Loading Dock for:
  - Soybeans
  - Rice
  - Winter Wheat
  - Corn
  - Other types of grain dry-bulk free-flowing commodities
- Dry Bulk, Barge to Truck Unloading Dock for:
  - Aggregates (Limestone and Sandstone)
  - Fertilizer
  - Other dry bulk materials
- Supporting nearly 375 **direct** jobs
- Estimated Total economic activity of nearly \$60 Million annually (Direct and Indirect)

## National Importance

Our “inland marine highways” move commerce to and from 38 states throughout the nation’s heartland and Pacific Northwest, serve industrial and agricultural centers, and facilitate imports and exports at gateway ports on the Gulf Coast.

- 193 lock sites
- 565 Million Tons Freight (2012)
- Valued at \$214 Billion
- Supporting nearly 500,000 jobs
- Operated and maintained using only 5% of the federal budget



# Inland Rivers, Ports & Terminals, Inc.

## Our Mission

To be a resource for inland river ports, terminals, and river-borne transportation services and to promote the value of the inland river transportation system to users and policymakers.

## Goals & Objectives

### Promote:

- Healthy growth and operation of inland river ports, terminals and intermodal centers which contribute to a more efficient national freight transportation system.
- Foreign and domestic commerce, economic development and job creation throughout the inland waterway system.
- River- and port- related commercial and industrial development throughout the inland waterway system.

Market the national inland waterway system to encourage:

- New and existing business opportunities;
- Viable solutions to the freight transportation crisis;
- Means for providing IRPT members with a sustained competitive advantage.

### Encourage:

- Continuing cooperation with associated marine, economic development and trade organizations while concurrently refining our own differentiating role.

# How U.S. Army Corps Can Help



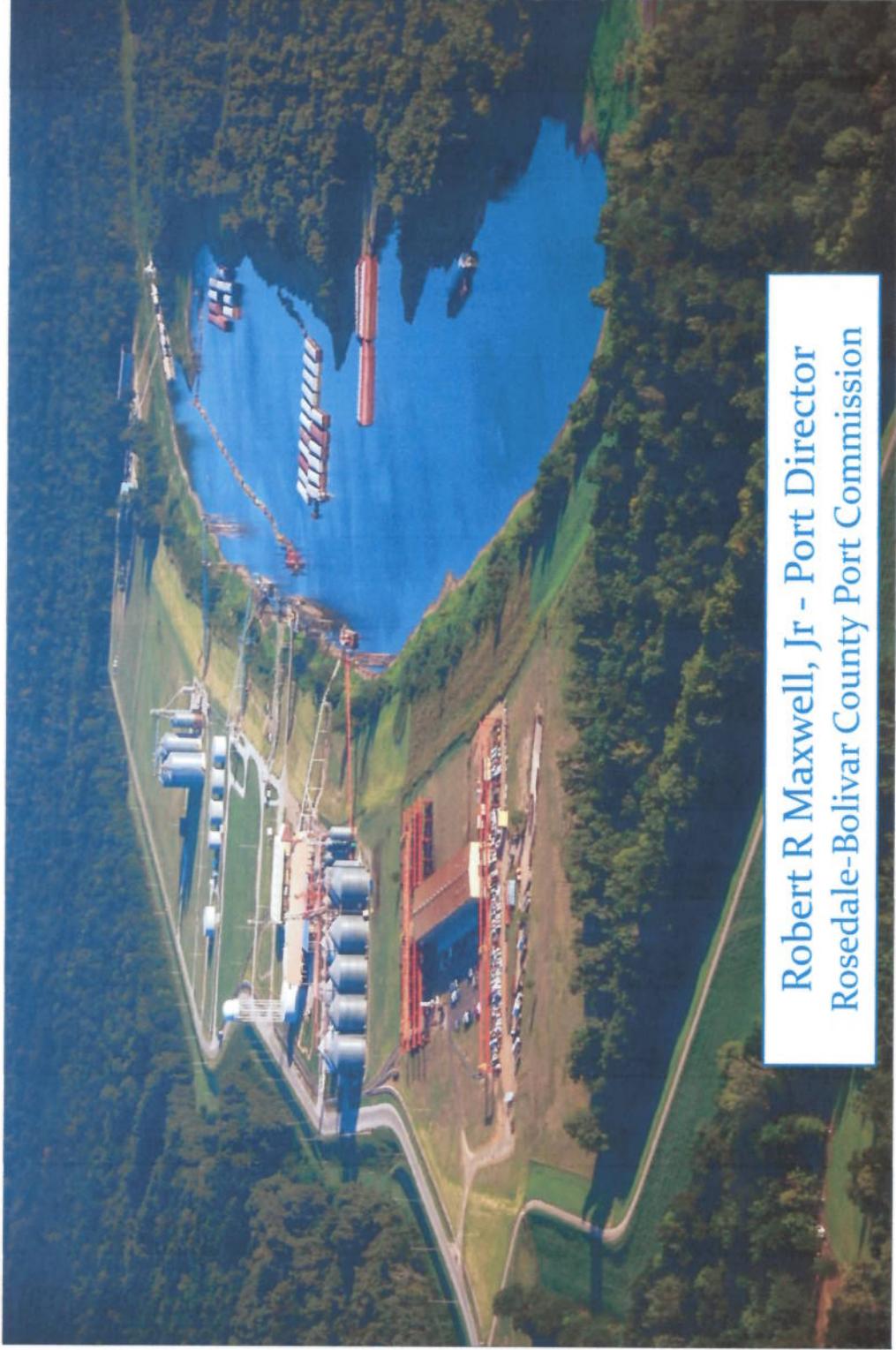
US Army Corps of Engineers

- Army Corps of Engineers Funding
  - Address immediate dredging needs
  - Explore more holistic long-term approach for channel maintenance
- WRRDA 2014 Implementation
  - Streamline private/public partnership guidelines/funding match
  - Expedited permitting process
  - **Multi-year predictable funding for infrastructure investments**

# The Port of Rosedale & Rosedale Harbor, MS

MRC Public Meeting - 16 August 2016

M/V Mississippi - Helena, AR



Robert R Maxwell, Jr - Port Director  
Rosedale-Bolivar County Port Commission



**Great Flood of 2011**

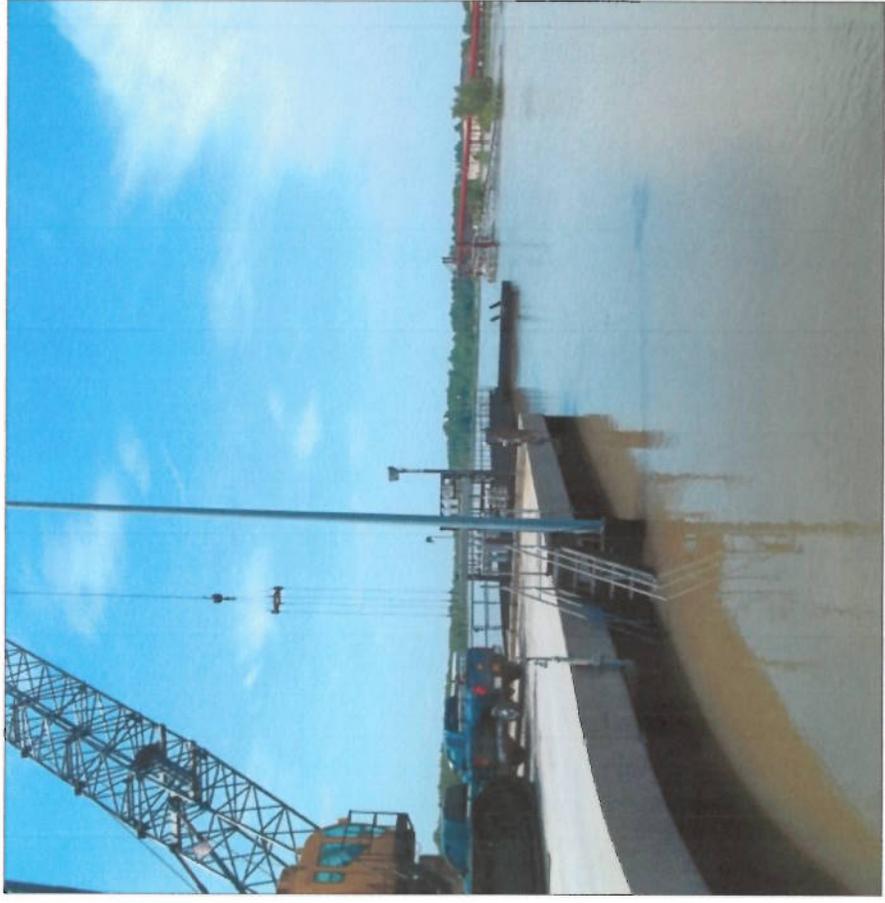


**Drought of 2012**





**Great Flood of 2011**



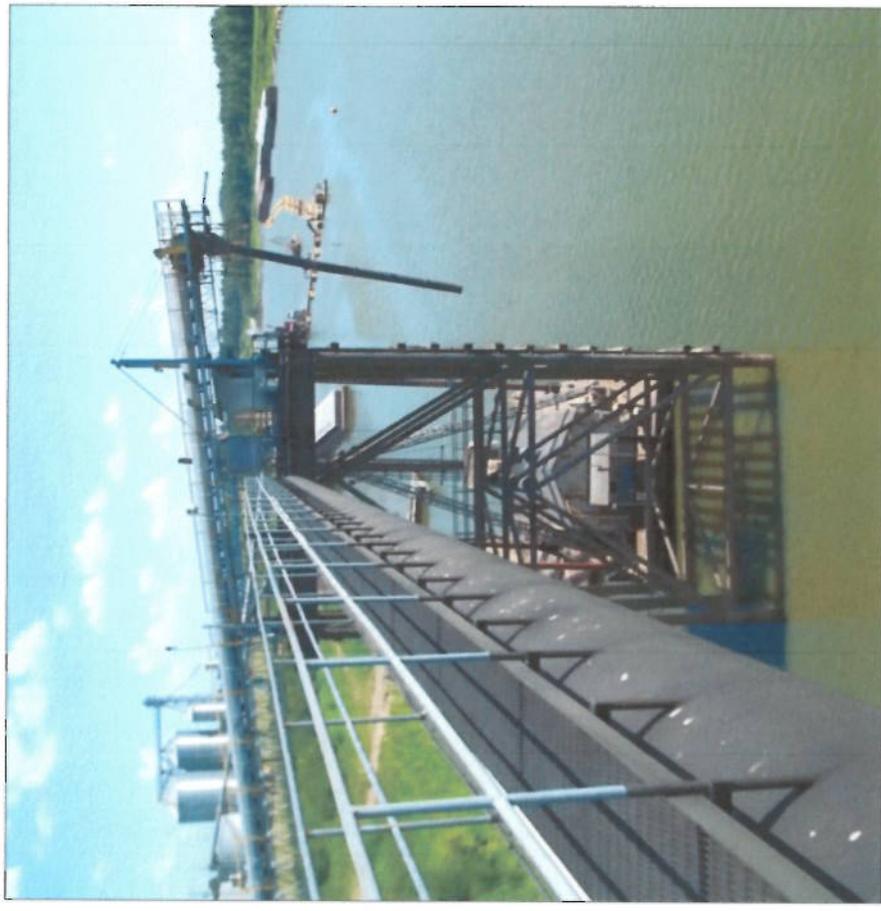
**Drought of 2012**



## Great Flood of 2011



## Drought of 2012





**Great Flood of 2011**



**Drought of 2012**





US Army Corps  
of Engineers  
Vicksburg District

# Project Fact Sheet Rosedale Harbor, MS

River and Harbor Act of 1960, Section 107

## Operation and Maintenance (NAV)

**Location:** Rosedale Harbor is a slack-water, shallow draft harbor located along the Mississippi River in Bolivar County, MS.

**Description:** The harbor channel is 2.7 miles long by 150 feet wide and the turning basin is 1,000 feet long and 400 feet wide. Both the harbor channel and turning basin have a maintained minimum depth of 9 feet.

**Issues:** Depending on river stages, the harbor experiences low-water conditions starting in July and lasting through November of each year. Maintenance dredging allows this port to continue shipping during these stages.

**Importance:** The harbor provides a transportation need for water-oriented industries in Bolivar County, MS. It sustains approximately 325 jobs.

**Risk:** If dredging is not performed, this harbor will first begin to "light load" barges, in which barges will not be loaded to full capacity resulting in less efficient transportation. As the river continues to fall, there will not be enough water for the towboats to carry these barges to the river and the harbor will be required to close. Without maintenance dredging funds, this harbor will lose project dimensions during the busiest time of the year when crops are harvested and shipped.

**Consequence:** The loss of a dependable, reliable and safe harbor will have significant adverse impacts on the region due to the increased shipping costs by rail and trucks. Many small communities and farmers will be forced to seek other more costly means to move their products. Harbor employees along with the business located in the harbor would be laid off.



Rosedale Harbor

**Activities for FY 14:** Funds are being used for maintenance dredging of the Harbor.

**Acquisition Strategy:** A contract will be awarded for harbor and port dredging.

**Amount That Could Be Used in FY 15:** Budgeted funds of \$9,000 will be used for surveys. Additional funds in the amount of \$1,190,000 could be used to fund maintenance dredging.

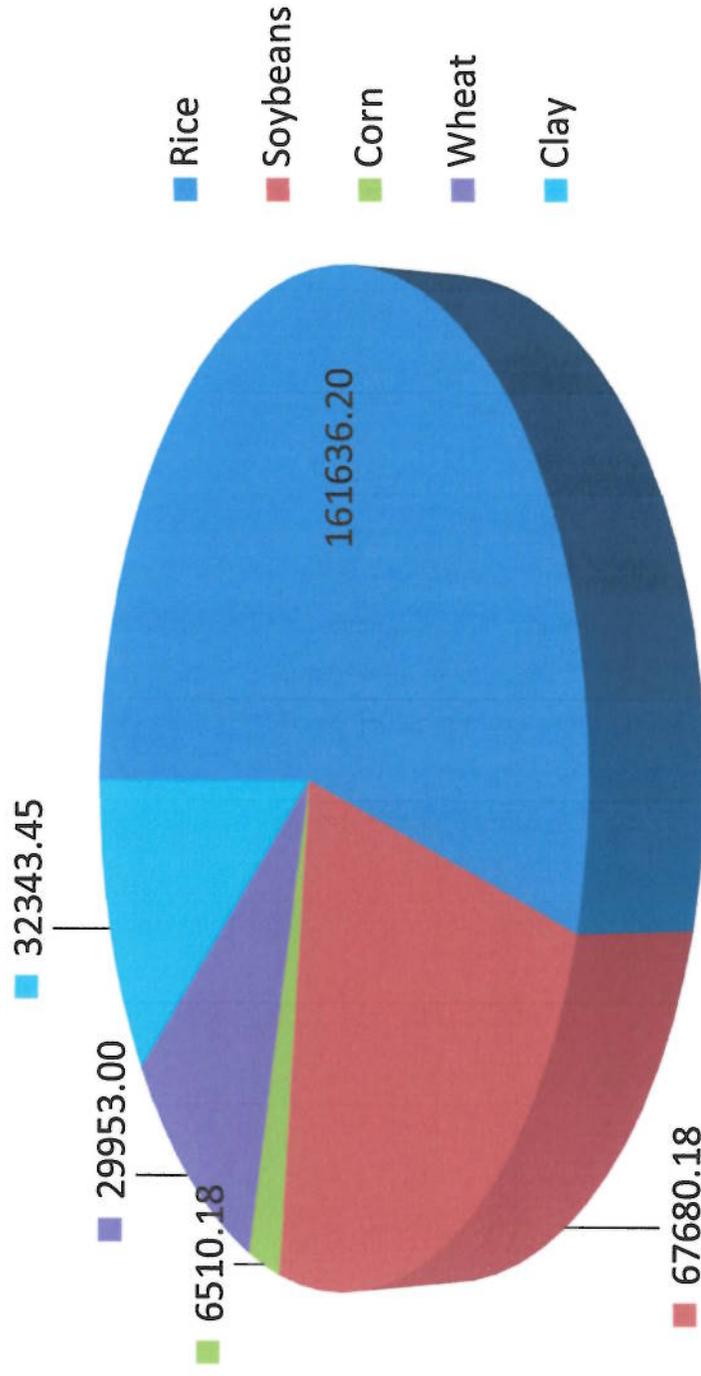
**Project Sponsor/Customer:** Rosedale-Bolivar County Port Commission

**Congressional Interest:** Senate: Cochran and Wicker; House: Thompson (MS-2).

Phase	FY 14 Allocation	FY 15 Budget	FY 15 Total Capability
O&M	\$1,200,000	\$9,000	\$1,199,000

# 2012-13 Port of Rosedale

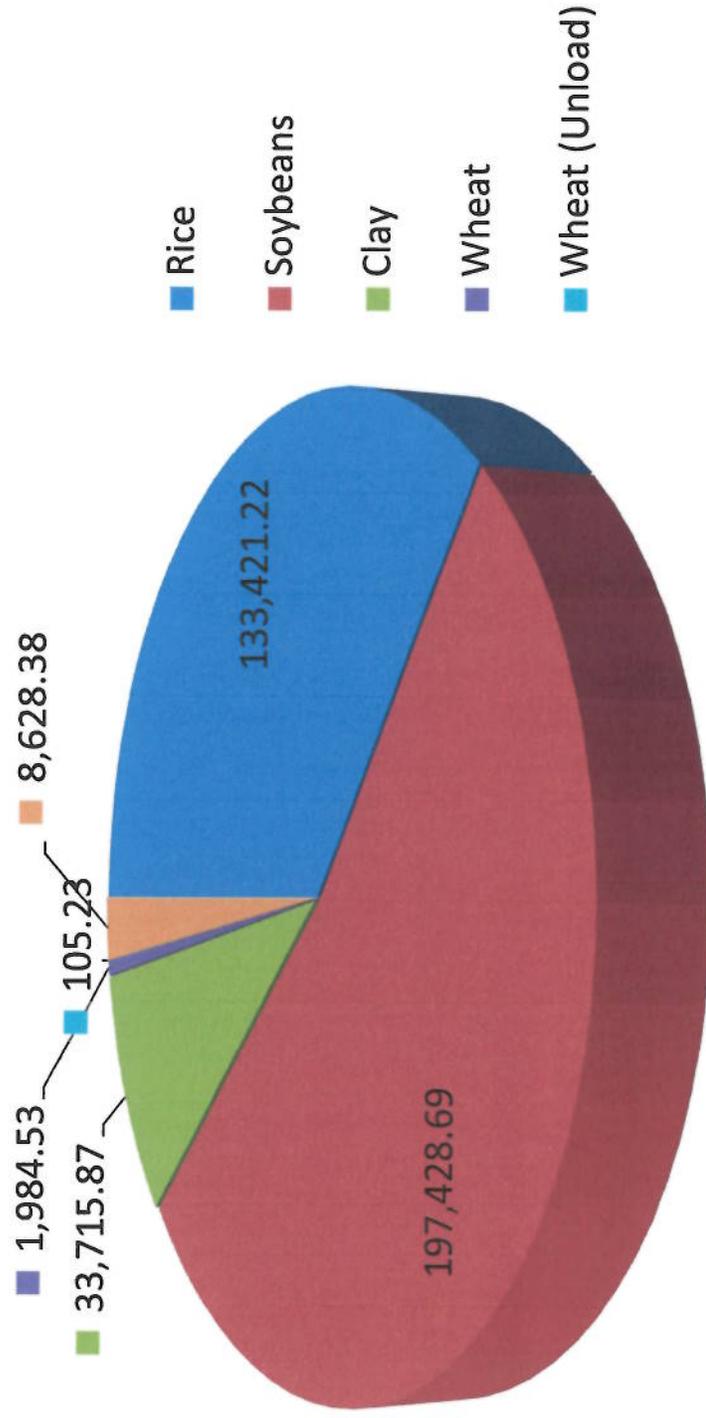
## Public Terminal Tonnages by Commodity



**TOTAL TONNAGE – 298,123.01**

# 2013-14 Port of Rosedale

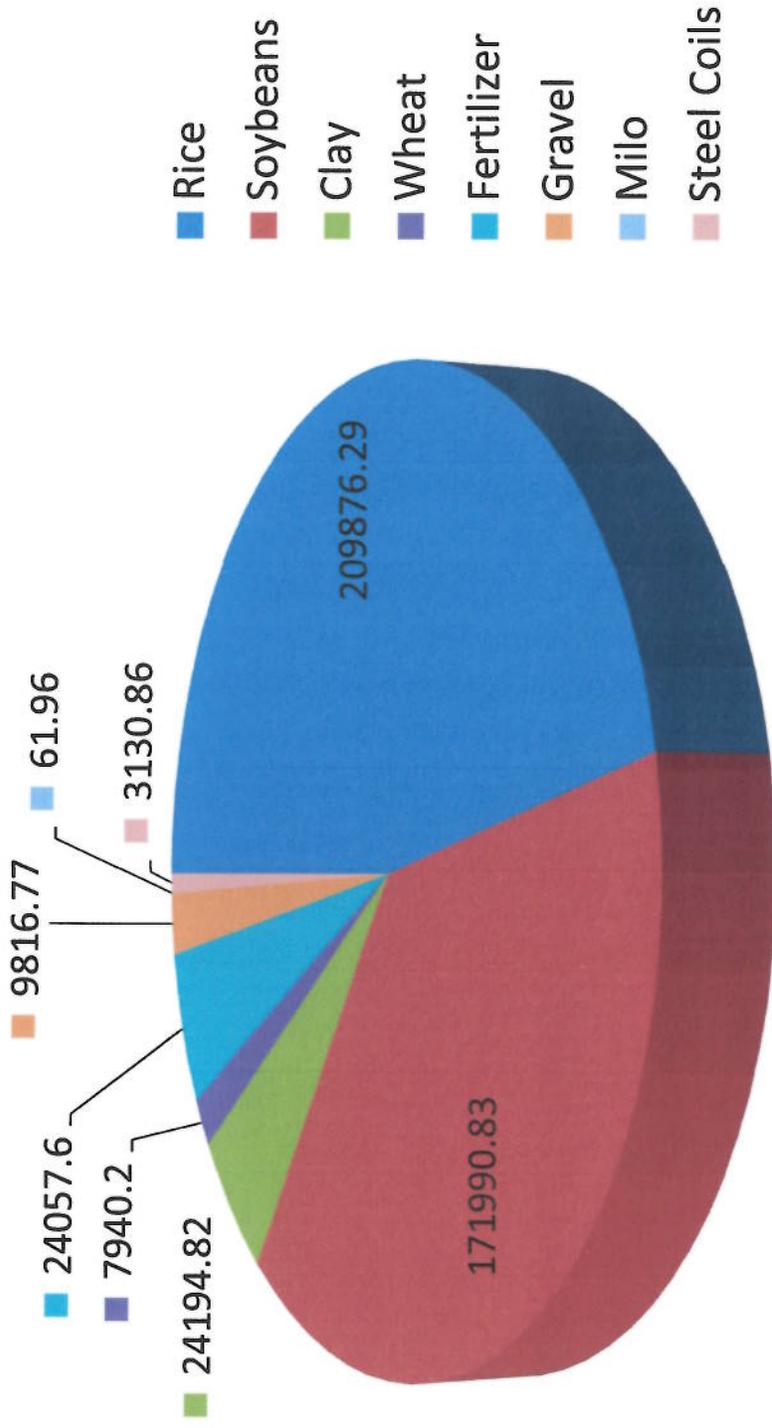
## Public Terminal Tonnages by Commodity



**TOTAL TONNAGE – 375,283.92**  
(LOAD – 366,550.31)  
(UNLOAD – 8,733.61)  
(26% increase from 12-13)

# 2014-15 Port of Rosedale

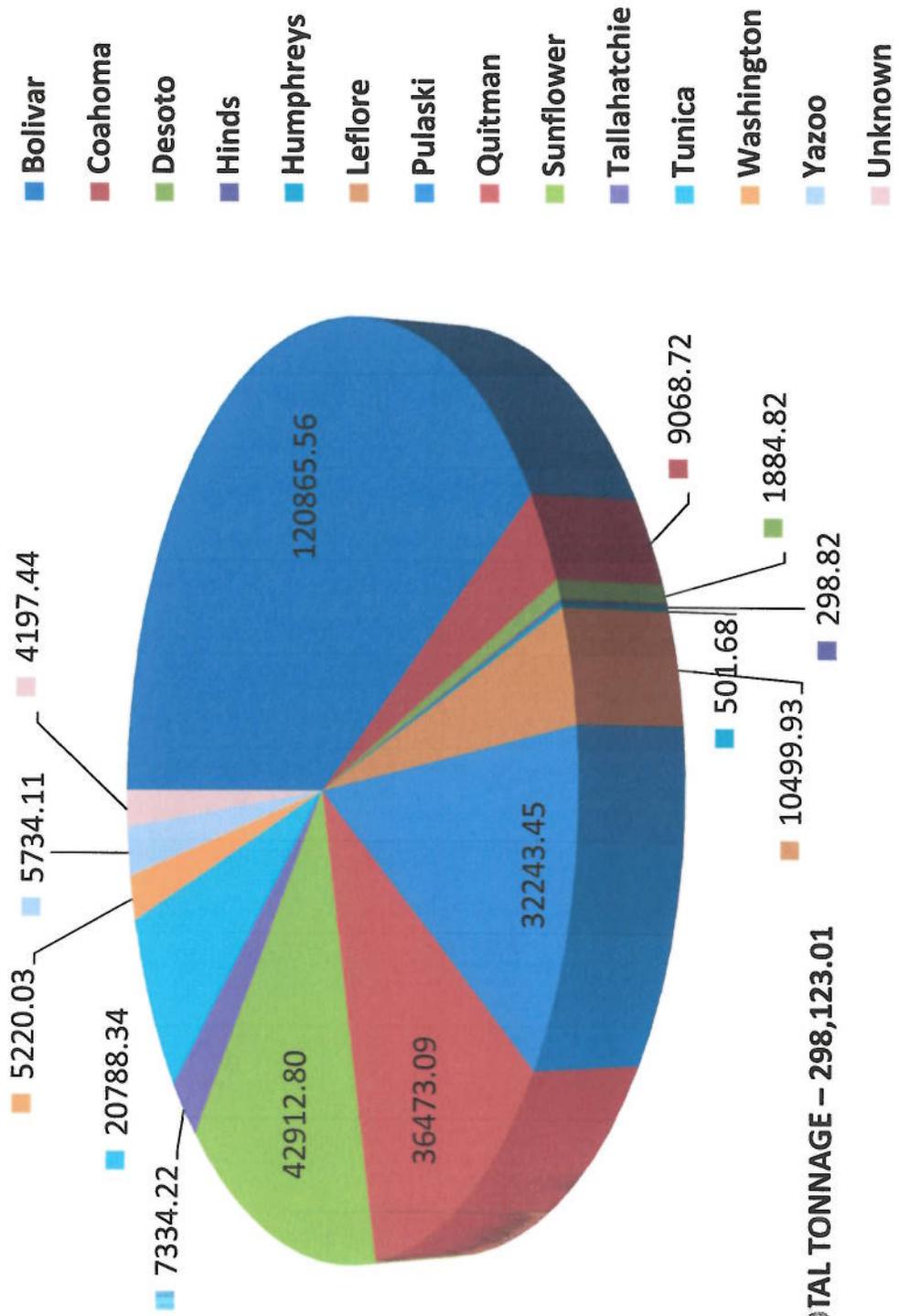
## Public Terminal Tonnages by Commodity



**TOTAL TONNAGE – 451,069.33**  
**(LOAD – 404,705.62)**  
**(UNLOAD – 46,363.71)**  
*(20% increase from 13-14)*  
*(51% increase from 12-13)*

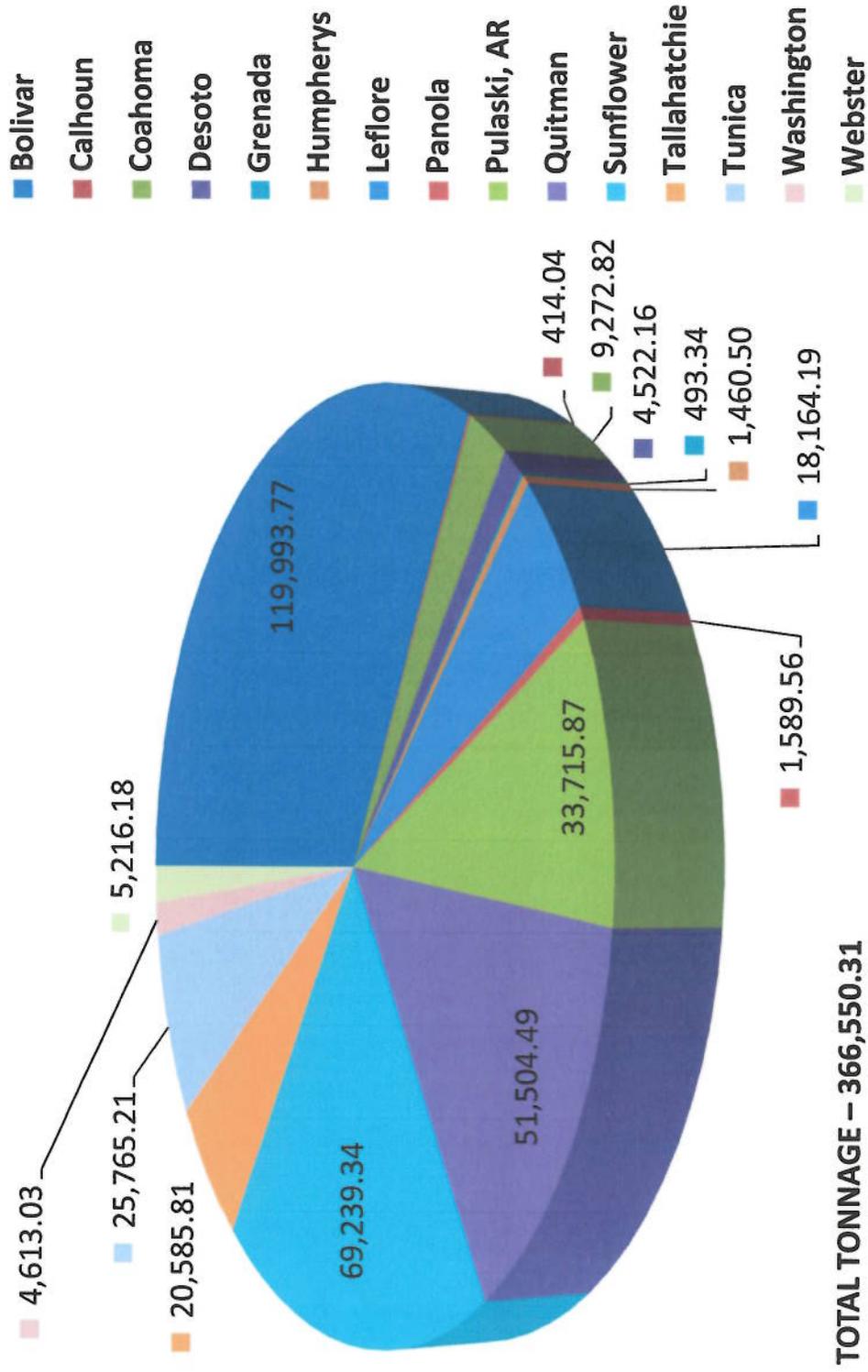
# 2012-13 Port of Rosedale

## Public Terminal Tonnages by County



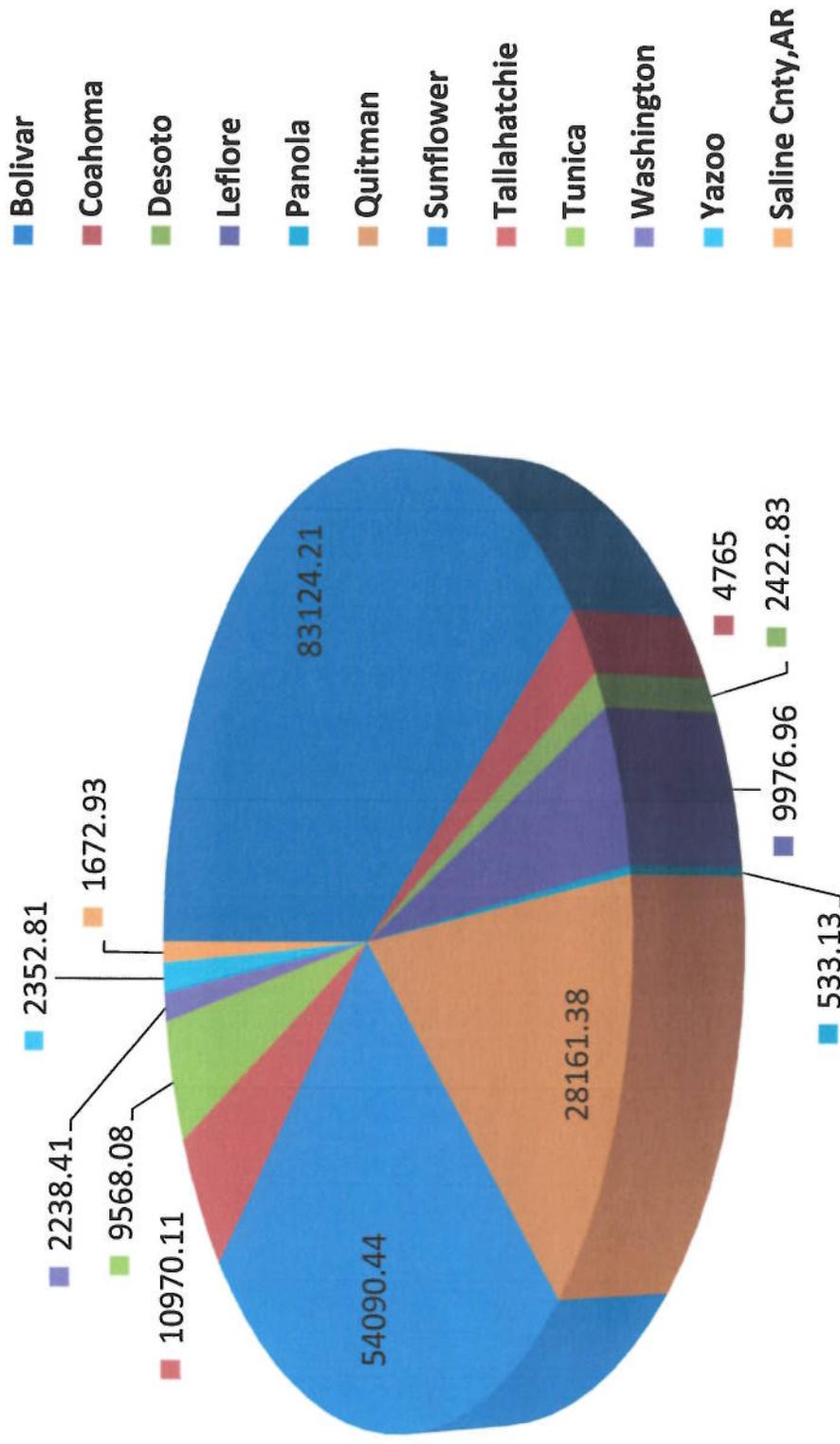
# 2013-14 Port of Rosedale

## Public Terminal Tonnages by County



# 2014-15 Port of Rosedale

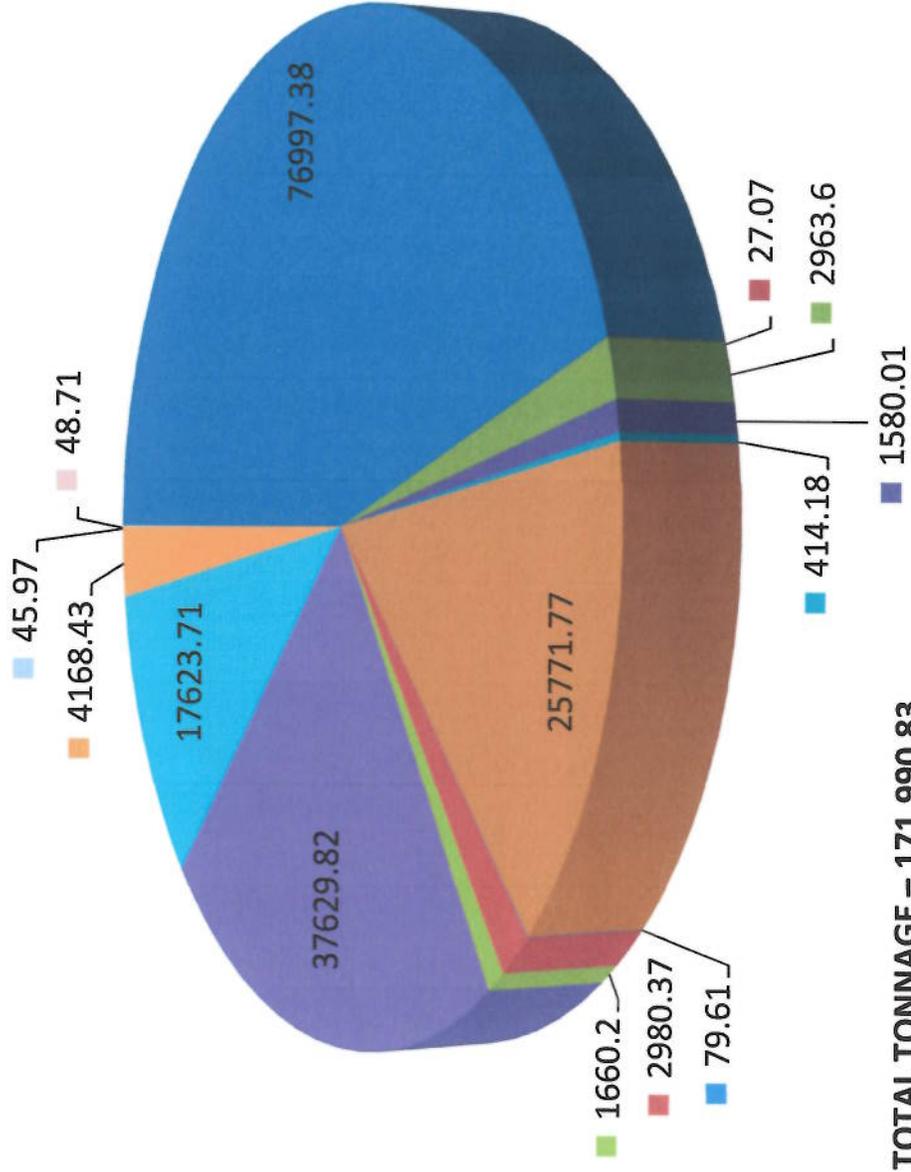
## Rice Tonnnages by County



# 2014-15 Port of Rosedale

## Soybean Tonnages by County

- Bolivar
- Calhoun
- Coahoma
- Grenada
- Humphreys
- Leflore
- Montgomery
- Panola
- Quitman
- Sunflower
- Tallahatchie
- Washington
- Webster
- Yalobusha





Louis Dreyfus  
Commodities







# 2013 Port of Rosedale Economic Impact Study

ECONOMIC IMPACTS	DIRECT	INDIRECT	TOTAL
EMPLOYMENT	308	117	425
INCOME	\$13,957,539	\$4,081,812	\$18,039,350
OUTPUT/REVENUE	\$45,760,187	\$12,005,867	\$57,766,054
STATE & LOCAL TAXES	\$63,658	\$1,988,709	\$2,052,367
TOTAL ECONOMIC ACTIVITY	\$45,823,845	\$13,994,476	\$59,818,421

# Port of Rosedale, MS

## *Port Expansion Plans*

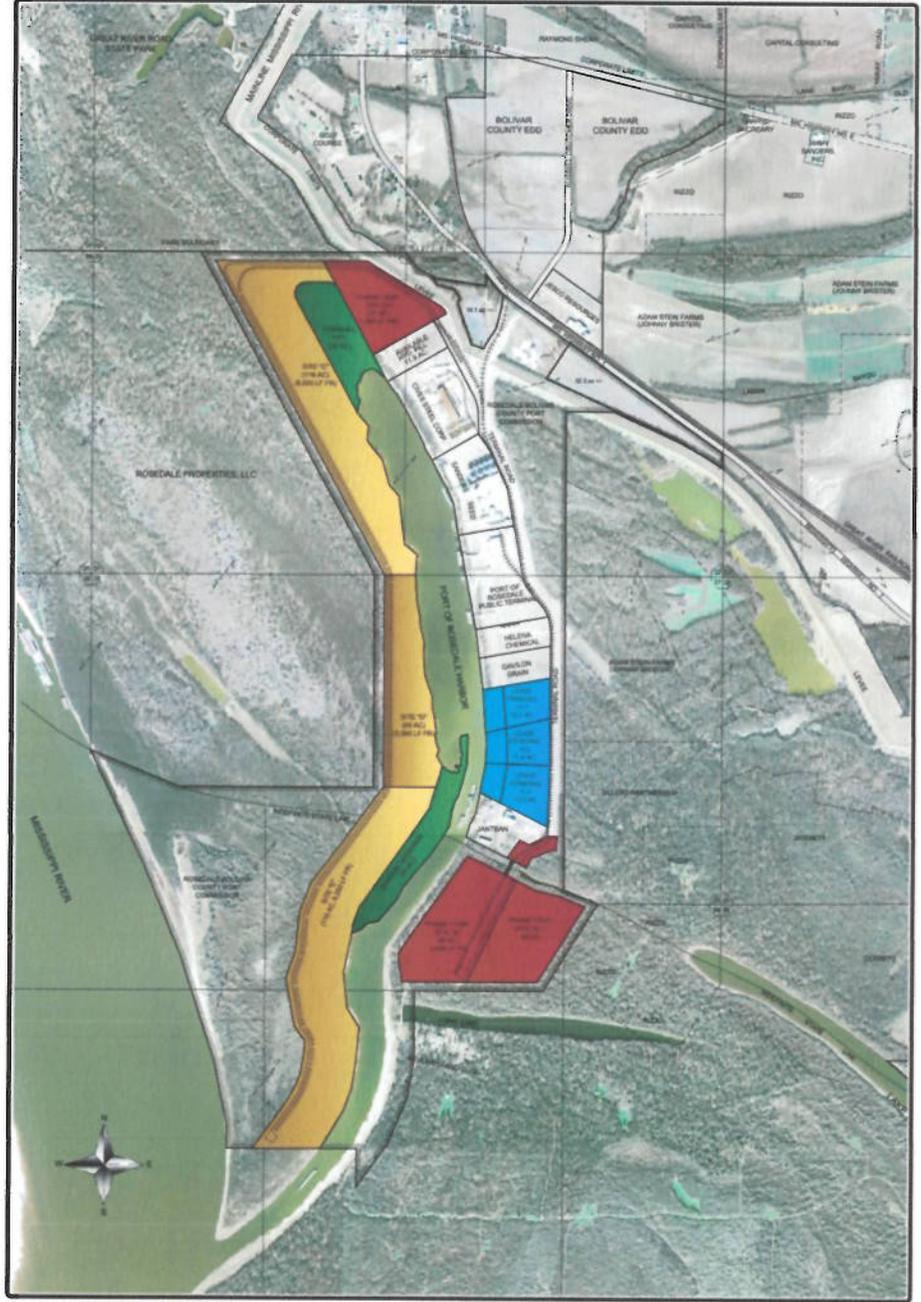
**Where We Are...**



# Port of Rosedale, MS

## Port Expansion Plans

...Where We Are Headed!



1	DATE	DESCRIPTION

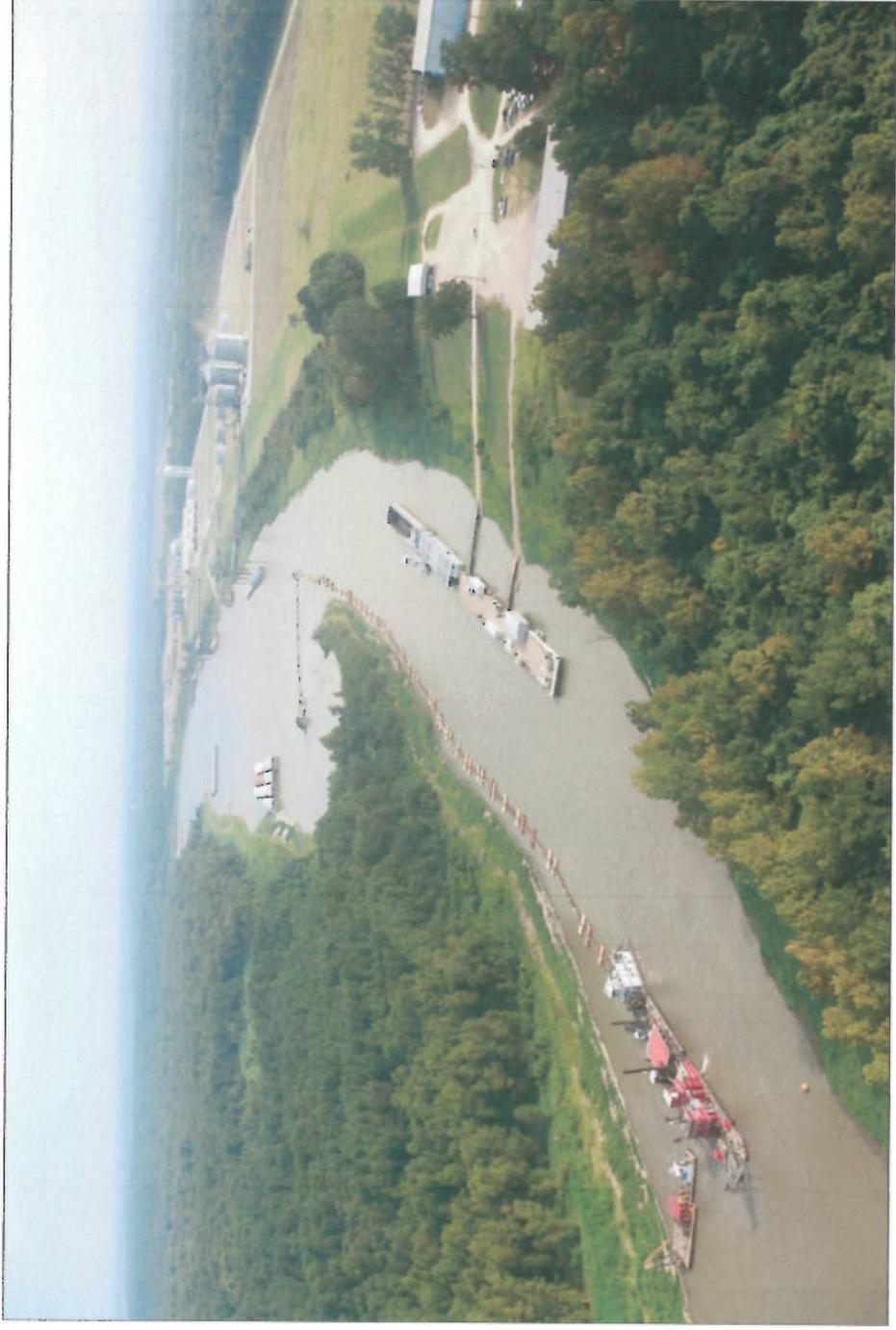
**ELEY BARKLEY..**  
ENGINEERING & ARCHITECTURE

ROSEDALE-BOLIVAR COUNTY PORT COMMISSION  
PORT OF ROSEDALE MASTER PLAN

NO.	DATE	REVISIONS

**E B**

# *Maintenance Dredging & Beneficial Use of Dredge Material*





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