

**Louis Dreyfus Commodities
Port Allen Export Elevator**

2013

**Louisiana Ag
Consultants Association**

SCOPE OF DEMOLITION

02

- > EXISTING RIVER DOCK WITH MARINE LEG AND SHIP LOADER
- > OLD BARGE RECEIVING LEG AND TURNHEAD
- > 4 x 500K BU STEEL TANKS
- > BASEMENT AND BIN DECK BELT CONVEYORS
- > SHIPPING AND BARGE SCALES
- > EXISTING RAIL TRACK
- > PLANT-WIDE DUST SUPPRESSION

SCOPE OF CONSTRUCTION

03

- > NEW RIVER DOCK AND BARGE SLIP
- > HEYL PATTERSON BARGE UNLOADER AND BELT CONVEYANCE – **80k bu/hr**
- > BUHLER SHIP LOADER AND BELT CONVEYANCE – **100k bu/hr**
- > UPGRADE OF INTERNAL GRAIN CONVEYANCE/CAPACITY
 - > 2 ELEVATOR LEGS, ENCLOSED CONVEYORS, BELTS, TURNHEADS, SPOUTING
- > 14 x 70kbu CONCRETE SHIPPING BINS = **980k BU**
- > 12 X 150kbu UPRIGHT CONCRETE STORAGE = **1.8M BU**
- > NEW DUST SUPPRESSION, PLANT AUTOMATION, SAMPLING, WEIGHING, CLEANING, HAZARD MONITOR
- > RELINING OF 10 X 60K BU OLD CONCRETE BINS

New USDA/FGIS Building

04



Bin Wall Repair

05



Bunker Collection



Head House / Shipping Tower

07



Transite Removal Head House/Shipping Tower

08



Bin Deck Trippers

09



Bin Deck Demo

010



Tank #35 Demolition

011



Bin Piles Completed

012



Shipping Bin Foundation

013



Preparing Slip-form for Jack System

014



Slip-form in Progress

015



Still Some Old School

016



Slip Form Completed With Ship Scale Tower

017



Old Dock and Ship Loader

018



River Side Piles

019



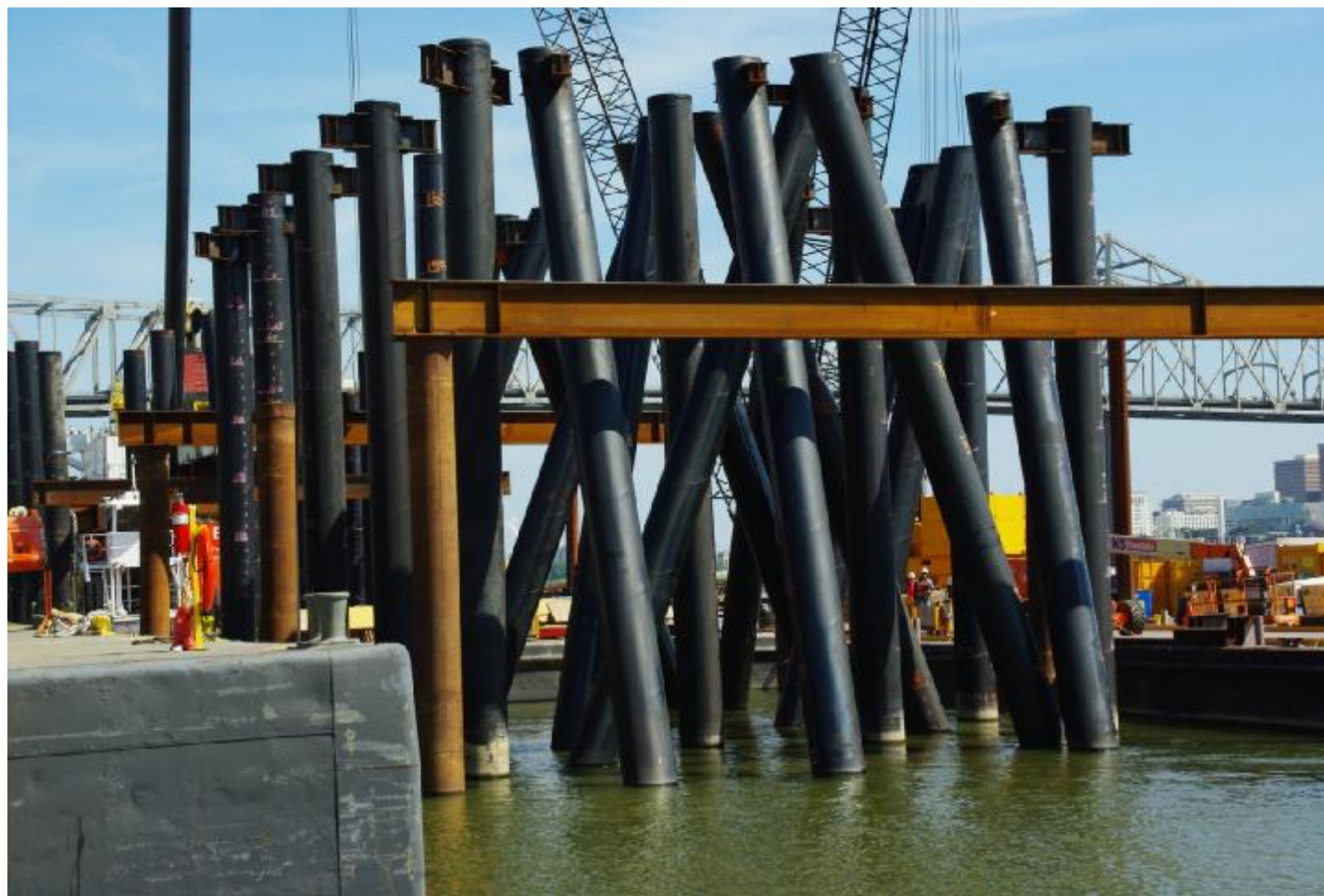
Barge Tower #4 Pilings

020



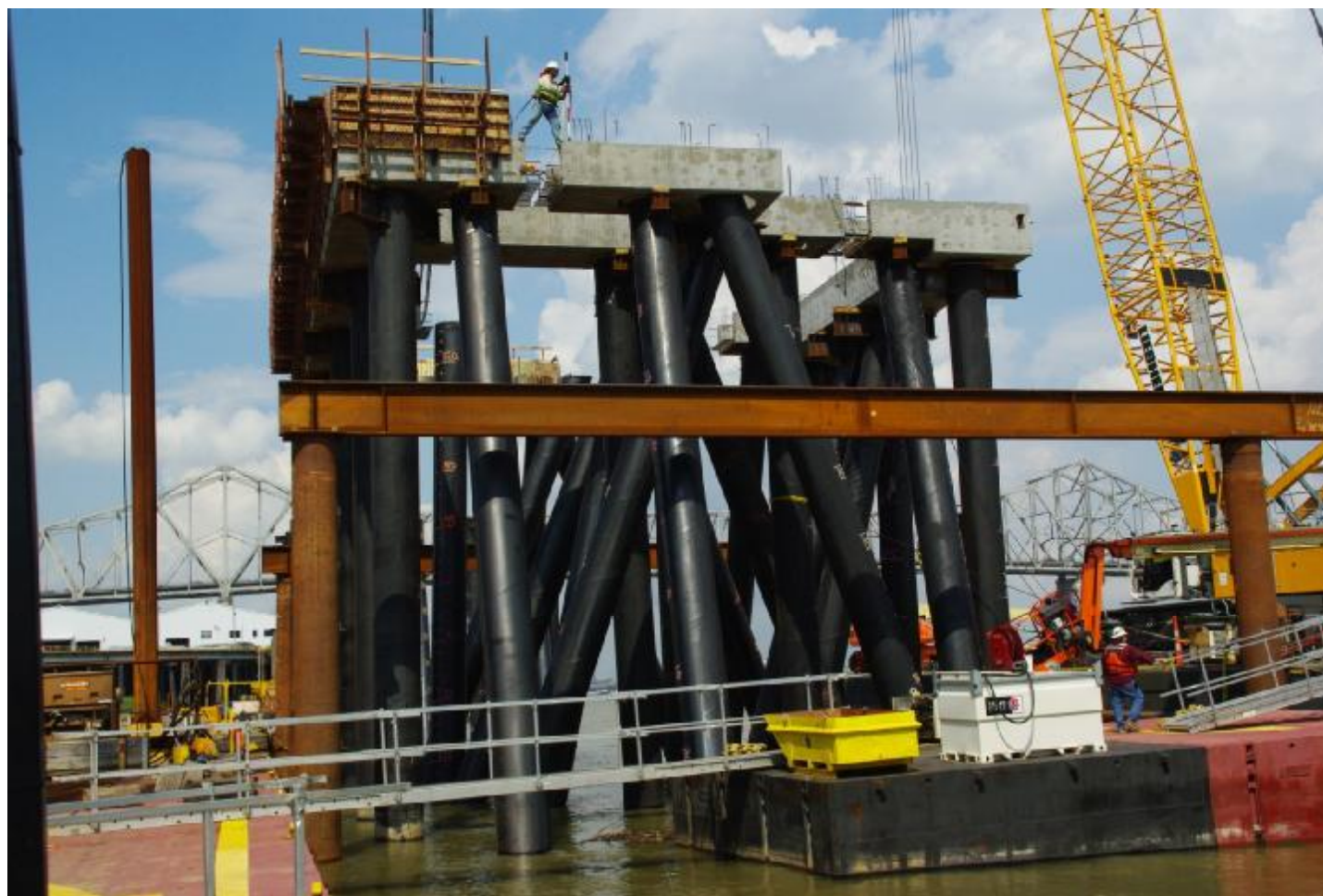
Center Ship Loading Tower Piles

021



Deck for Center Ship Loading Tower

022



HP Support Towers

023



HP Support Towers

024



Barge Receiving Belt

025



Barge Marine Leg

026



Barge Hopper Leg

027



Heyl Patterson Barge Unloader

028



Old Ship Loading System

029



Buhler Ship Loader

030



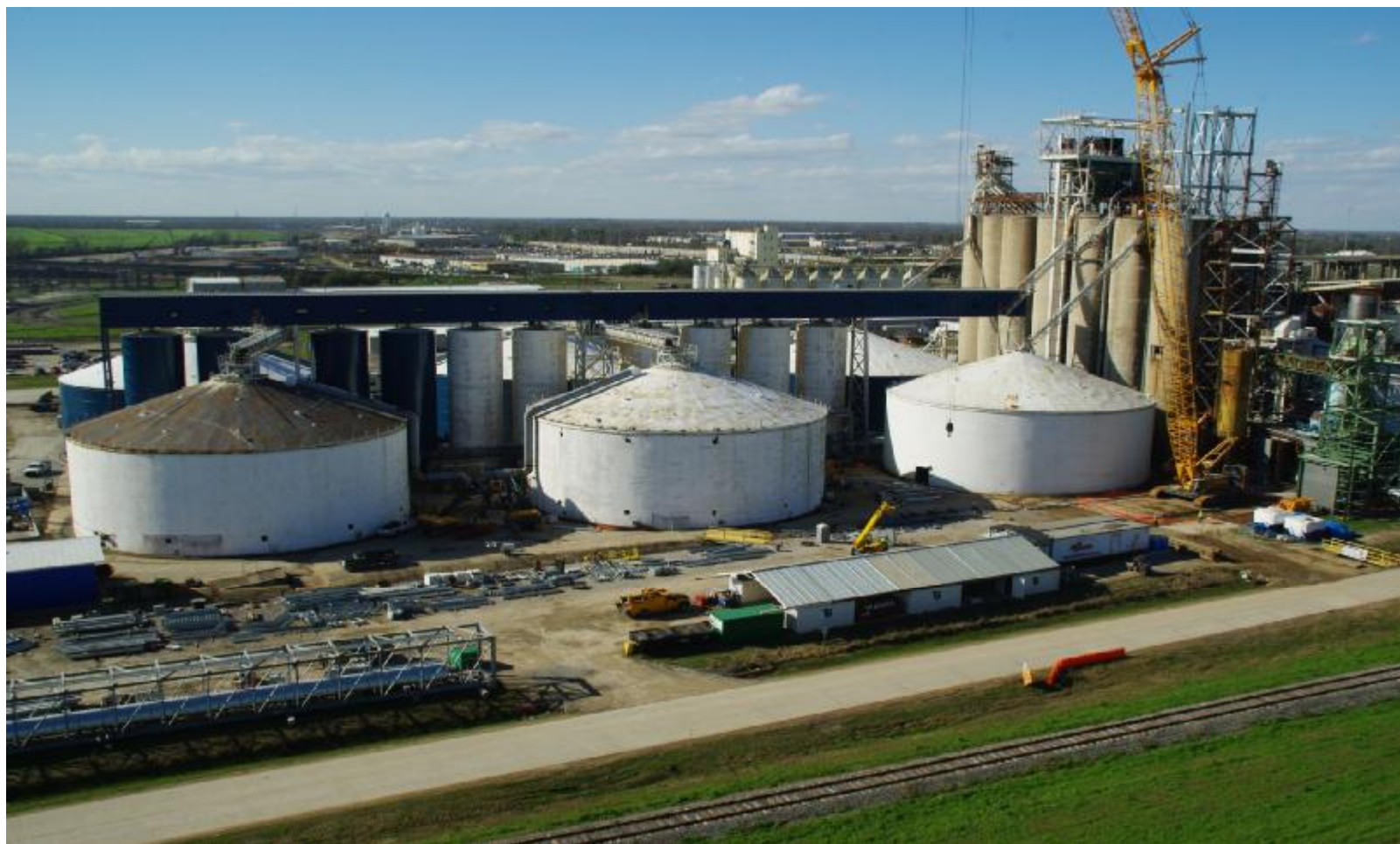
Site of Add'l Shipping Bins

031



Site of 1.8 Mb Upright Bins

032



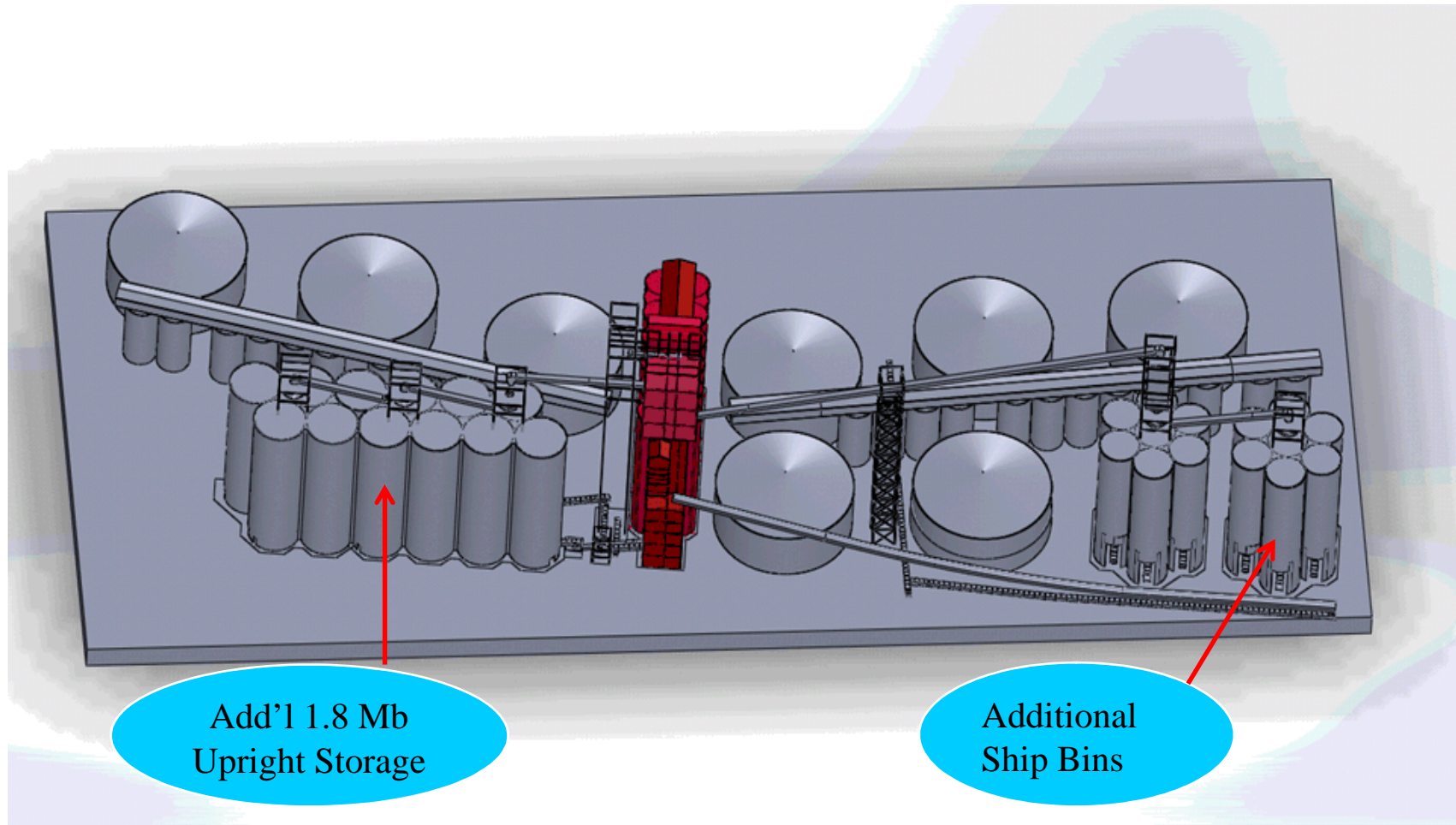
New Paint!

033



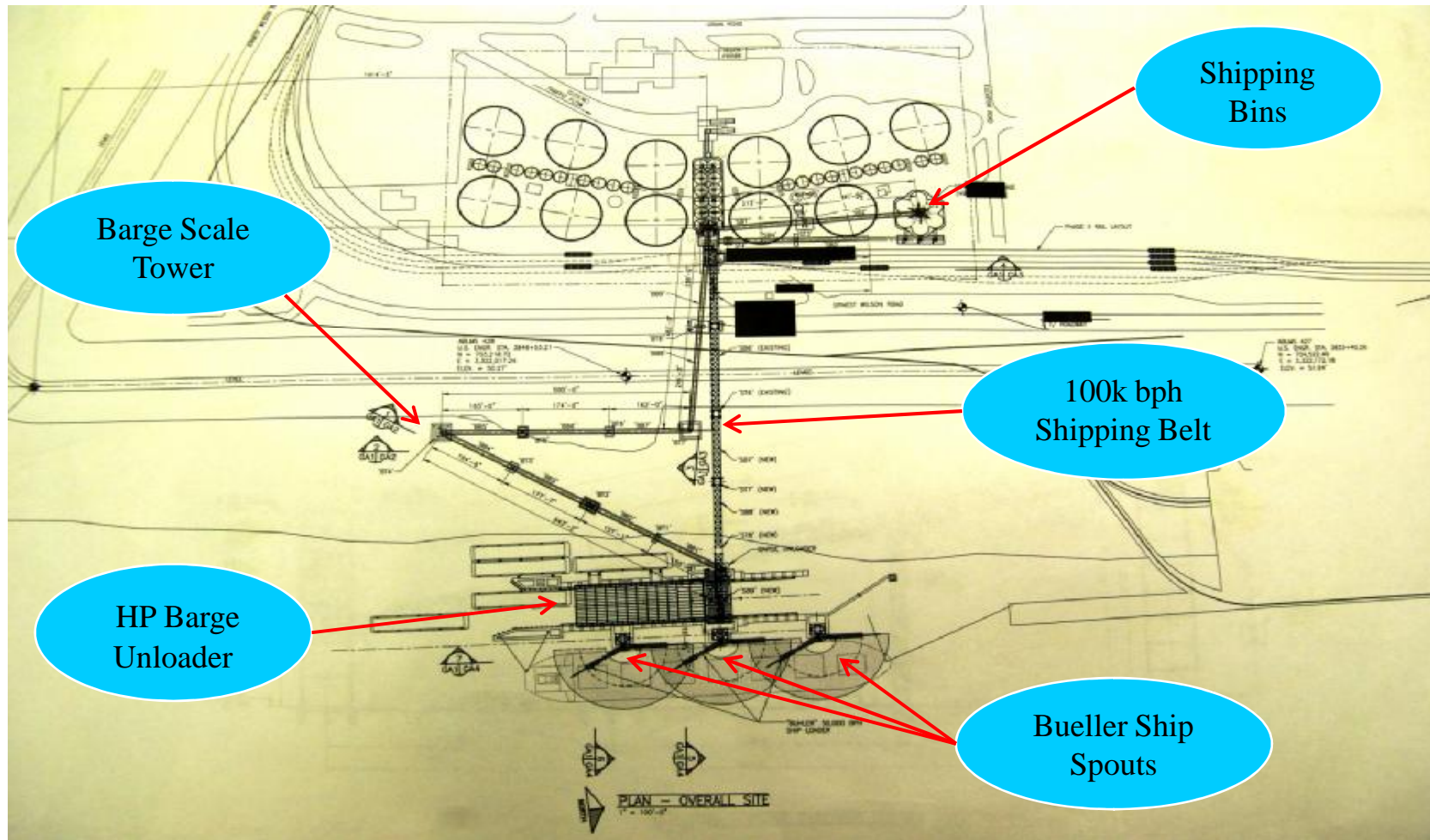
PA Bin Space Configuration

034



Construction Scope – Overall Site

035



BRINGING VALUE TO LOUISIANA FARMERS

036

- Ø **Begins with what Port Allen represents to Louis Dreyfus vs. previous tenant**
 - Ø PA will function as FLAGSHIP EXPORT FACILITY for Dreyfus >> **5-6 mmt**
 - Ø Local truck bushels will be integral to PA export program
 - Ø Higher thru put volume is critical to handling LA grain quality issues

- Ø **Elimination of Barge Freight between Truck and Export Vessel**
 - Ø Previous tenant barged much of truck volume to other export facilities

- Ø **Facility Design to Greatly Reduce Internal Loss of Grain Quality**
 - Ø Heyl Patterson & belt conveyors vs. elevator legs creates less FM and broken grain

- Ø **Truck Dump Improvements**
 - Ø Truck grain can be directed anywhere in the house for faster unloading

- Ø **Improved Truck Dumping Hours due Vessel Loading**

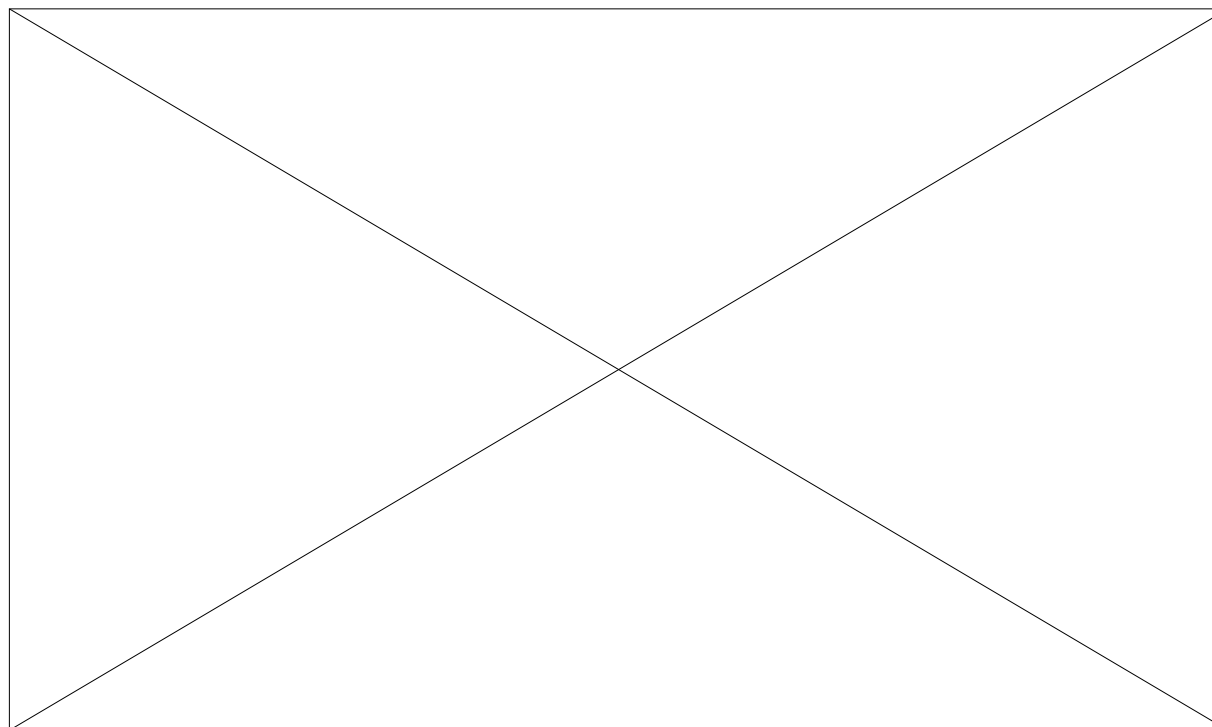
Merchandising Outlook

037

- Ø Construction precluded handling any local truck or barge grain in 2012
- Ø Primary concern of extreme river stages has not been issue to date.
 - ø Forecasts remain encouraging today – BR gauge up 26 feet
- Ø Contracting for 2013 will begin once Benchmarks are reached in construction and all key components are on site
- Ø Louis Dreyfus will receive Louisiana grown corn, milo, soybeans and wheat
- Ø Customary contracting via Basis-only, Hedge-to-arrive and Forward Cash
- Ø Will receive and dump flat-bed trailers
- Ø Working on H2A non TWIC driver issue

Tank Demo 2/8/2013

038



Louis Dreyfus Commodities
Port Allen, LA Elevator

Fini

Brown Rust and Other Diseases

Jeff Hoy



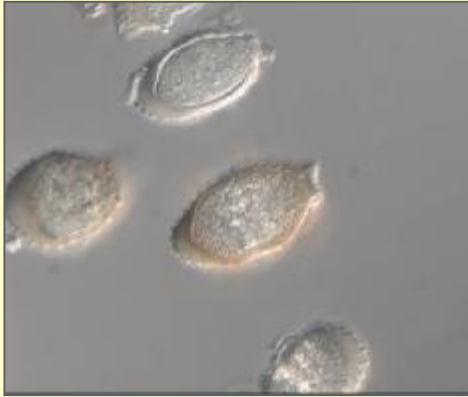
Mike Grisham




First Report of Orange Rust in Western Hemisphere 2007

First Report in Louisiana in June 2012






Orange rust

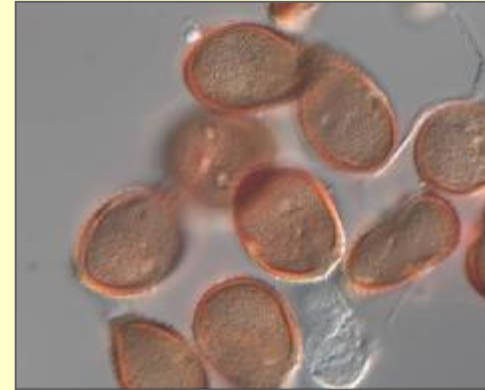
 Pustules never turn brown

 Warmer season


 Grand growth stage


 Persistent


 Damage on all crops




Brown rust

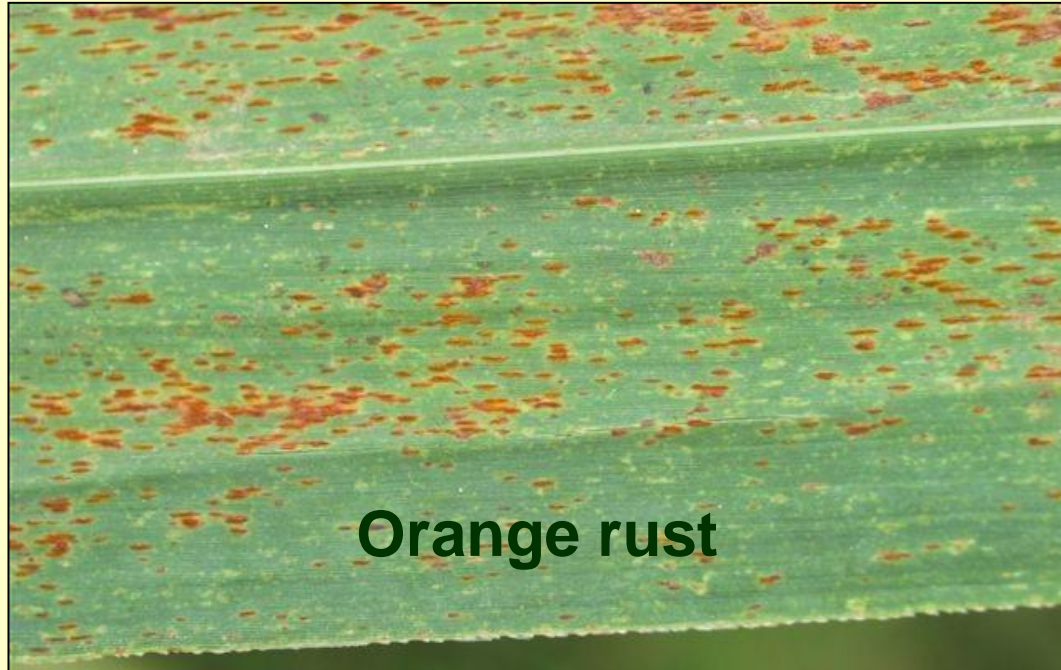
 Old pustules turn dark brown

 Cool season

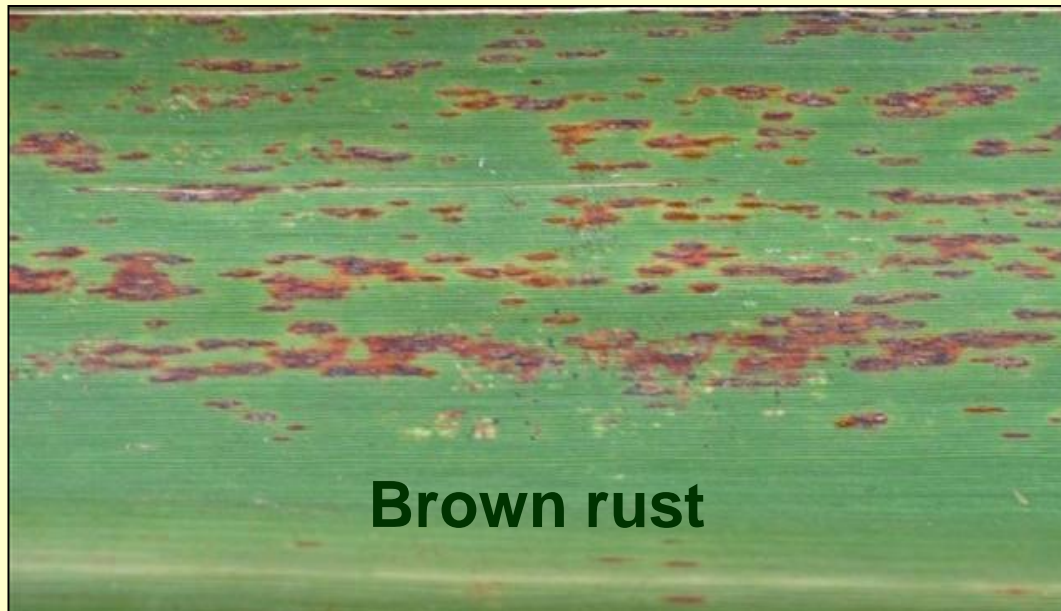
 Declines at the grand growth stage

 Recovery possible

 Most damage on plant cane crop



Orange rust



Brown rust







Photo courtesy of Jim Shine

Orange Rust Development in 2012

- Found in June on Ho 05-961
- Found on Ho 05-961 at 45% of ASCL secondary increase stations
- Not found on any other variety
- Initially, incidence and severity very light
- Incidence and severity increased slowly throughout summer
- Disease became severe in the fall

Orange Rust Ratings in Florida

<u>Variety</u>	<u>Ave. Rating</u>
Ho 05-961	2.5
L 97-128	1.3
HoCP 00-950	0.9
HoCP 96-540	0.8
L99-233	0.6
L 03-371	0.6
Ho 95-988	0.5
L 99-226	0.5
L 01-283	0.2
HoCP 04-838	0

Courtesy of Jack Comstock, USDA, ARS, Canal Point, FL

Future

- Monitor development of orange rust in 1st stubble Ho 05-961
- Continue surveys for presence of orange rust in other varieties particularly
 - HoCP 85-845
 - HoCP 00-950
 - HoCP 95-540
 - L 99-226
 - L 99-233
- Determine yield effect on Ho 05-961