



**PORT
NOLA**
THE PORT OF
NEW ORLEANS



Facilities Engineering Award

October 4, 2017

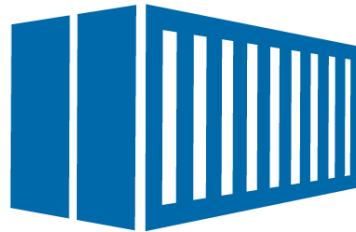
MULTI-PURPOSE LANDLORD PORT

The Port of New Orleans generates its own revenues as a multipurpose landlord port.

- Cargo 69%; cruise 21%; real estate 10%

Diversity increases economic stability.

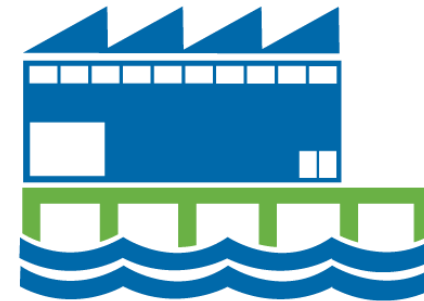
- Shipping industry is vulnerable to global economic conditions
- Broader job opportunities



CARGO



CRUISE

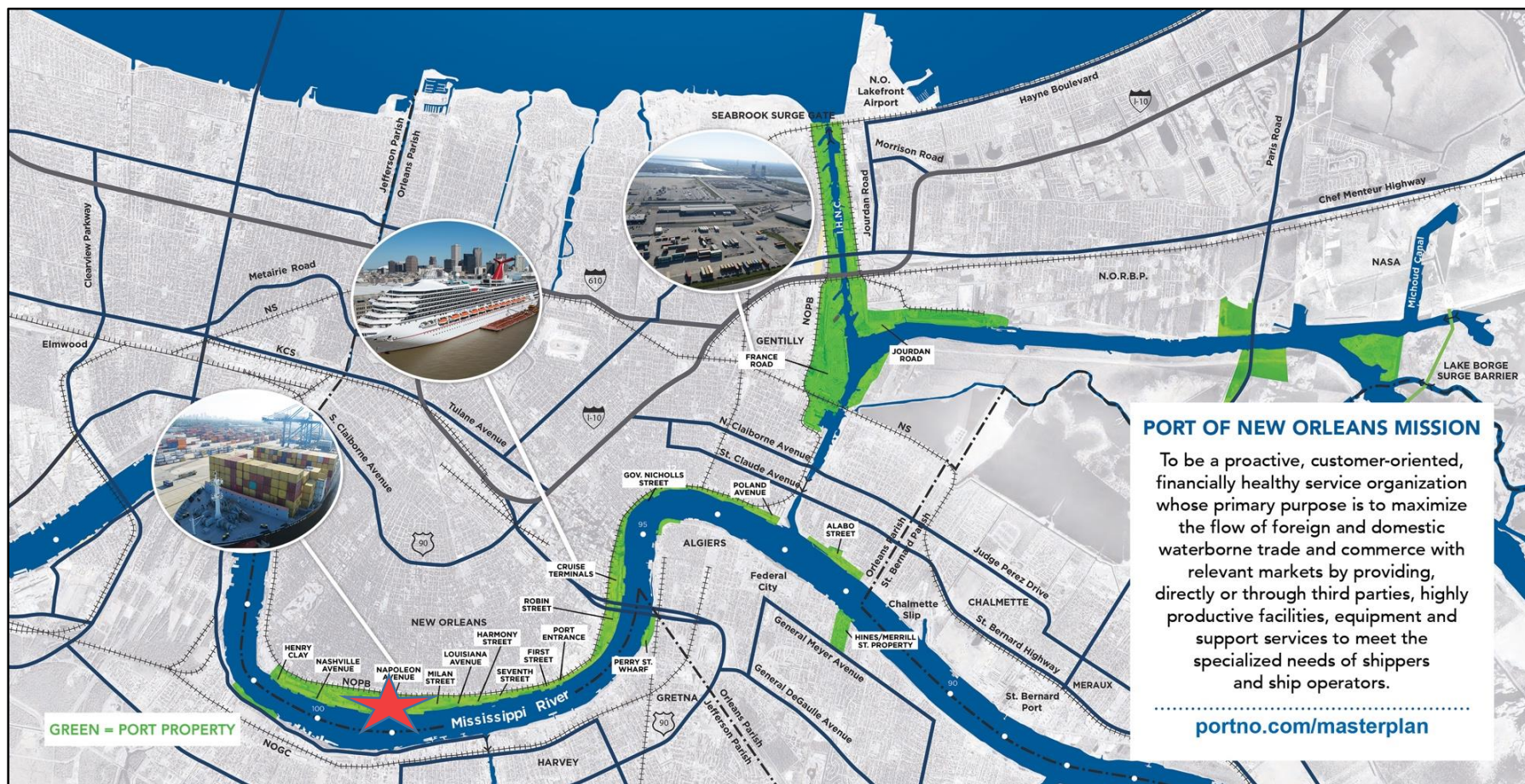


INDUSTRIAL REAL
ESTATE

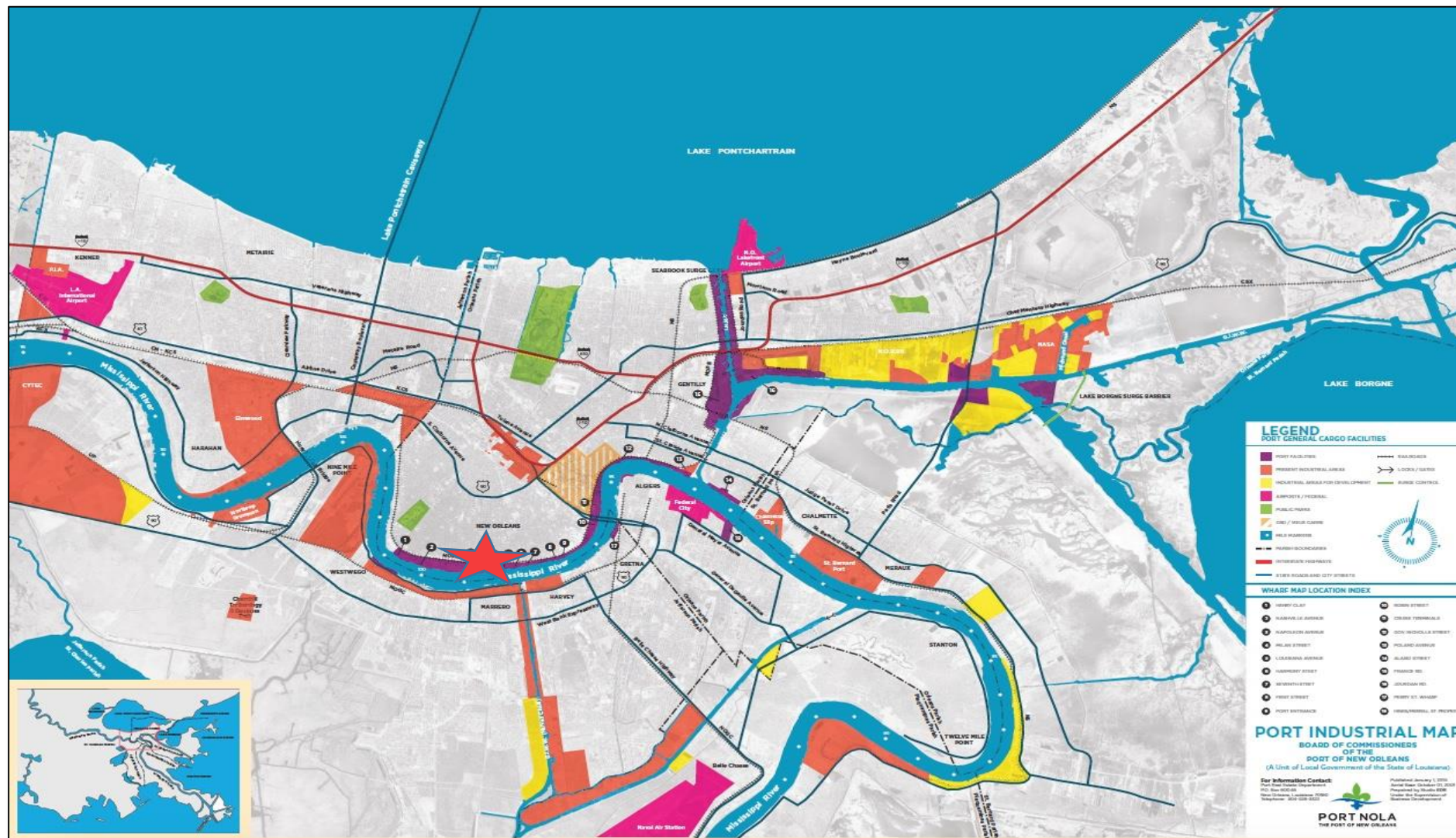


PORT NOLA MAP OF PROPERTIES

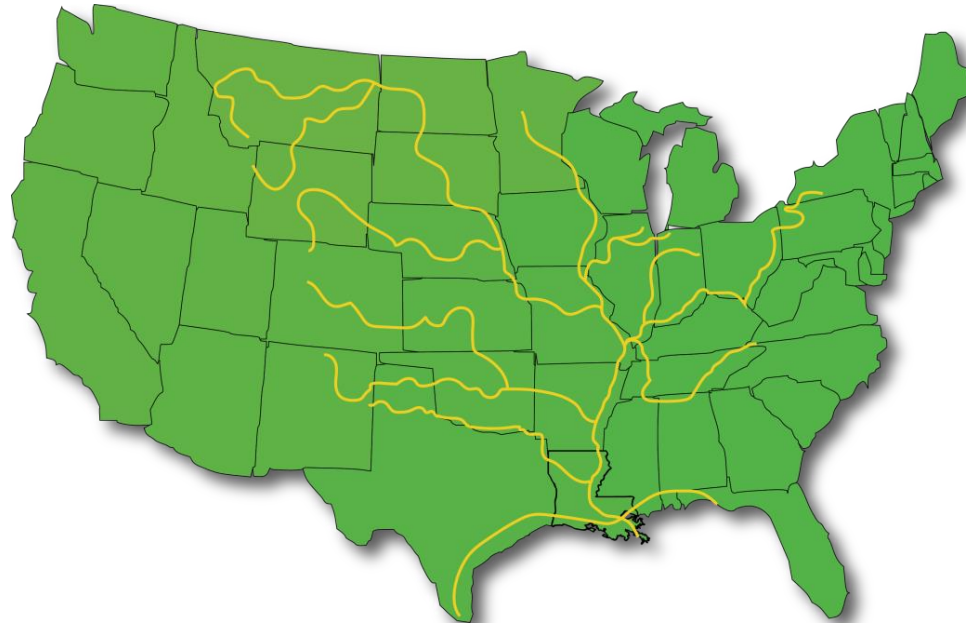
Port NOLA properties include a diverse portfolio of sites on the Mississippi River, Gulf Intracoastal Waterway and Inner Harbor Navigation Canal.



REGIONAL INFRASTRUCTURE



INLAND WATERWAY CONNECTIVITY

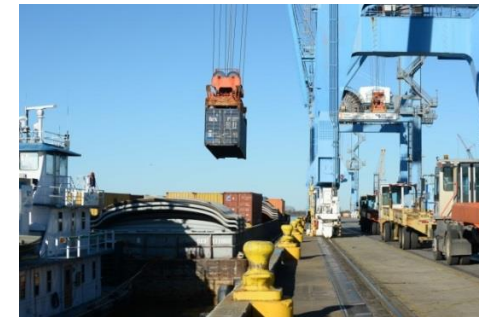


14,500 miles of inland
waterway connectivity via
the Mississippi River

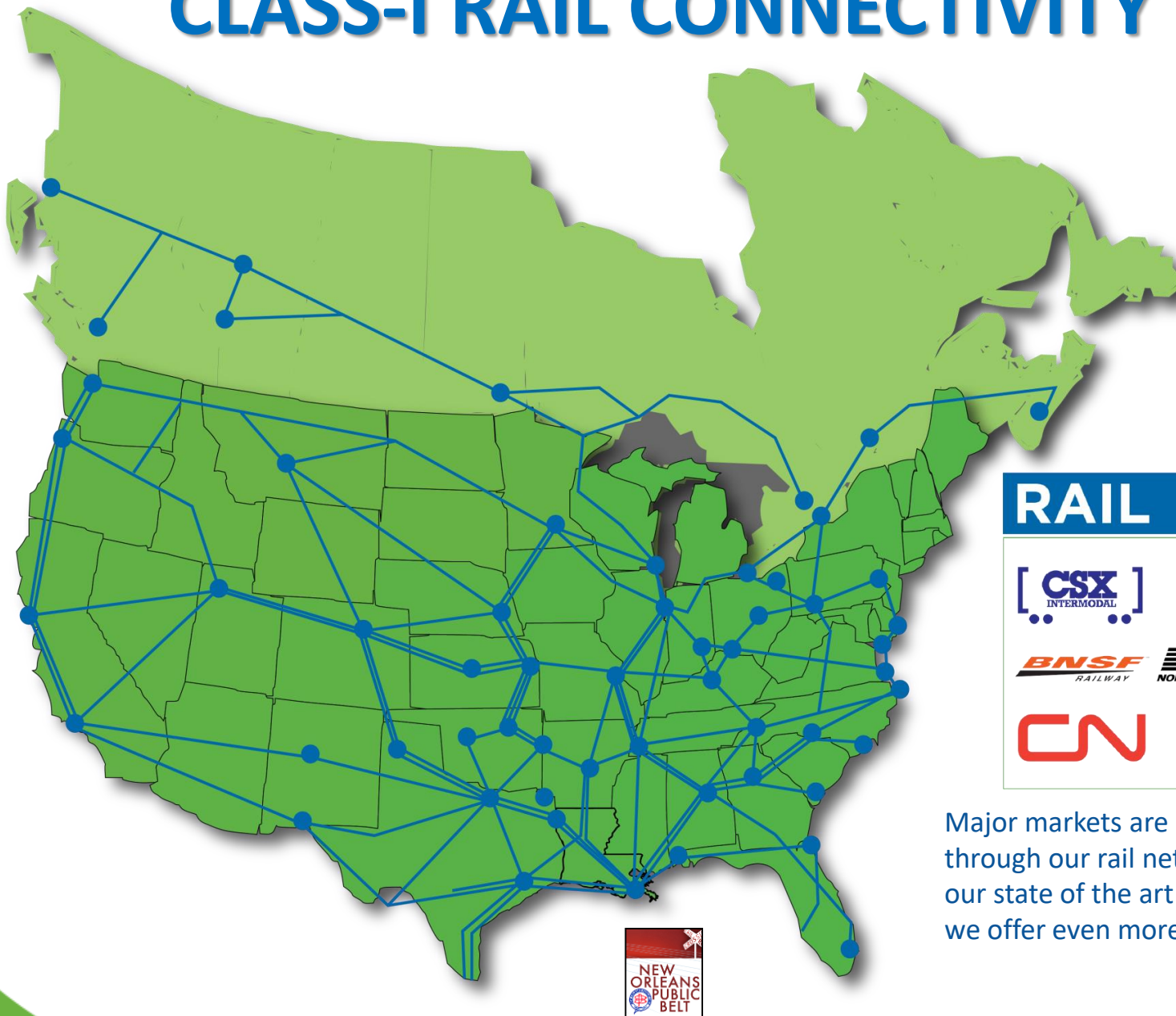
DIRECT DISCHARGE TO BARGE



CONTAINER ON BARGE



CLASS-I RAIL CONNECTIVITY



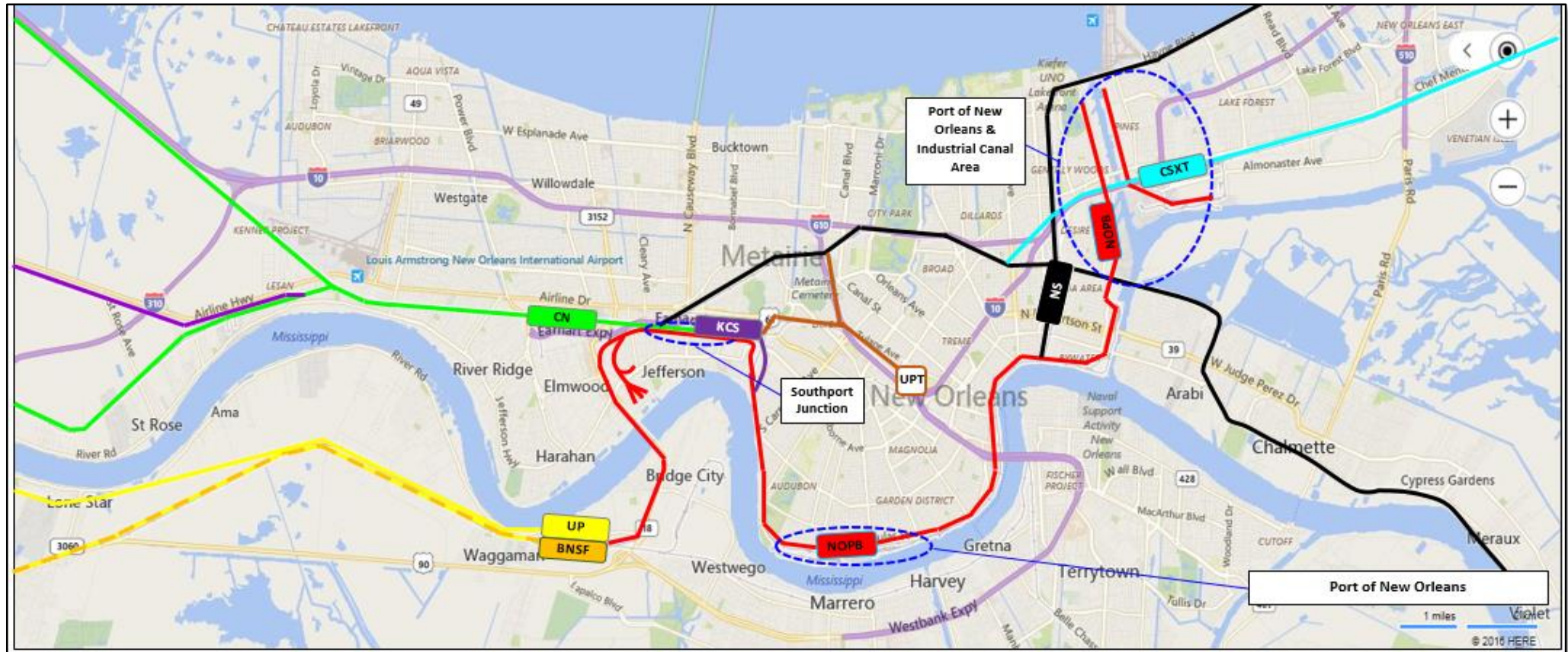
RAIL



Major markets are directly accessible through our rail network, and with our state of the art intermodal yard, we offer even more efficiency.



NEW ORLEANS PUBLIC BELT RAIL MAP



PROJECT OBJECTIVES

- Relocate and modernize 12 acre rail yard
- Optimize terminal flow
- Improve efficiency and economize terminal space
- Catalyze sustainable infrastructure developments
- Minimize long-term maintenance costs

BEFORE



AFTER



Planning

March, 2013 to
July, 2013

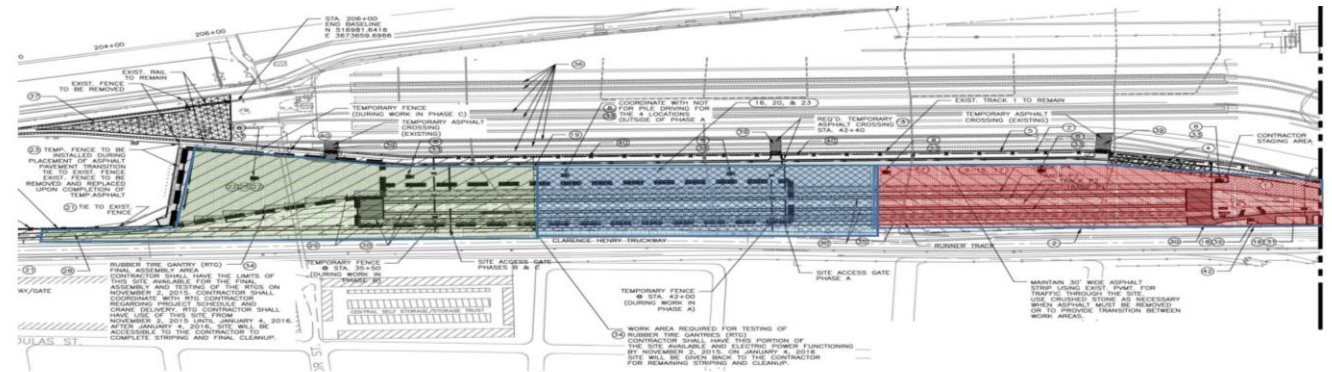
Design

July, 2013 to
June, 2014

Construction

September, 2014 to
March, 2016

- Terminal Capacity
 - Present and Future
 - Yard and Rail Service
- Efficiency
 - Lift Equipment
 - Rail Movement
- Construction Cost
- Manage Uncontrollable Risks
 - River Stage
 - Cargo volume fluctuation impacts on phase plan
 - Power-based integration
- Strategic Compatibility
 - Terminal Master Plan
 - Operator
 - Short Line and Class 1 railroads
 - Labor
 - Port users
 - Automation



LAYOUT COMPARISON

BEFORE



AFTER



LIFT EQUIPMENT OPTIONS



Top Pick



Rubber Tire Gantry



Reach Stacker



Rail Mounted Gantry

ELECTRIC RTG

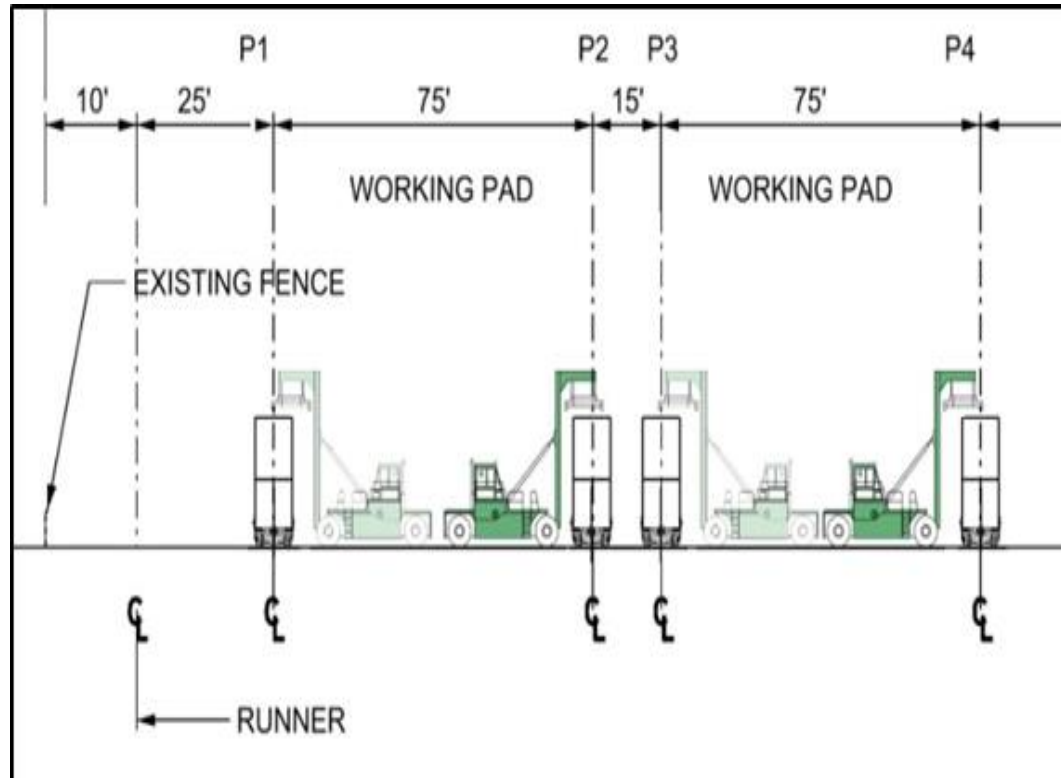
- Economical
 - Reduced Fuel Consumption
- Environmentally Friendly
 - Zero Emissions
- Efficient
 - Reduced Downtime and Maintenance



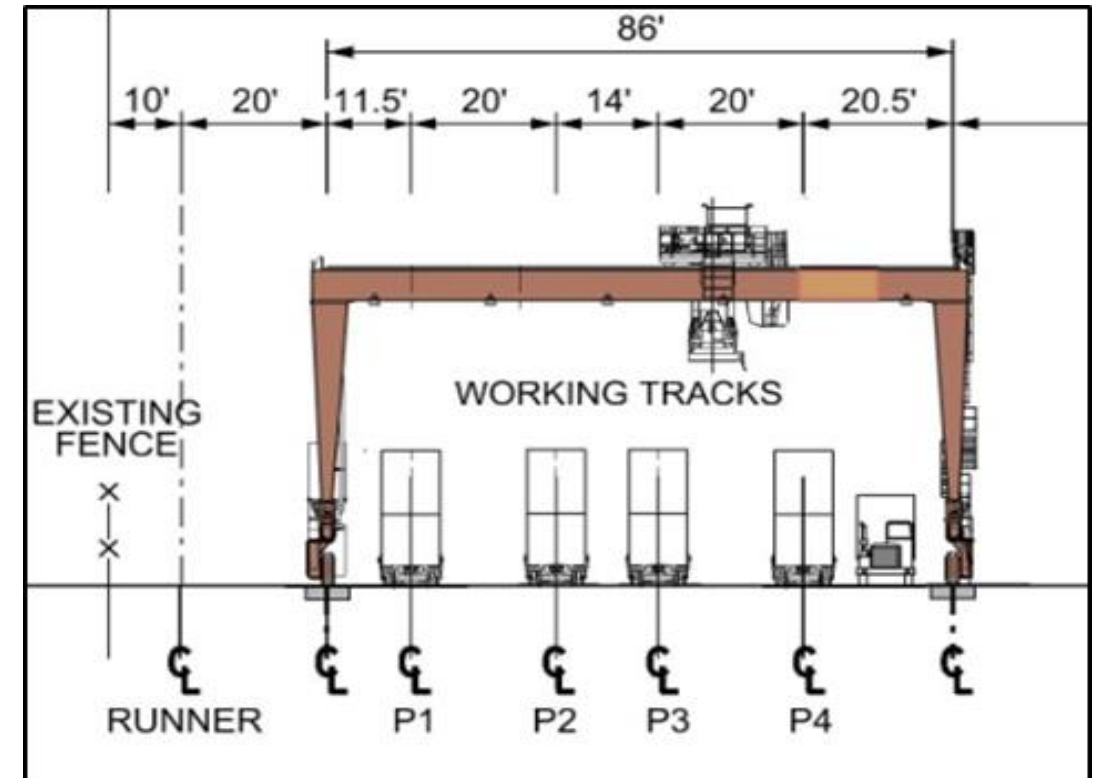
- 86 foot span
- 60 long ton Twin Pick Capacity
- Cable Reel Fed
- GPS Auto Steering

CROSS-SECTION COMPARISON

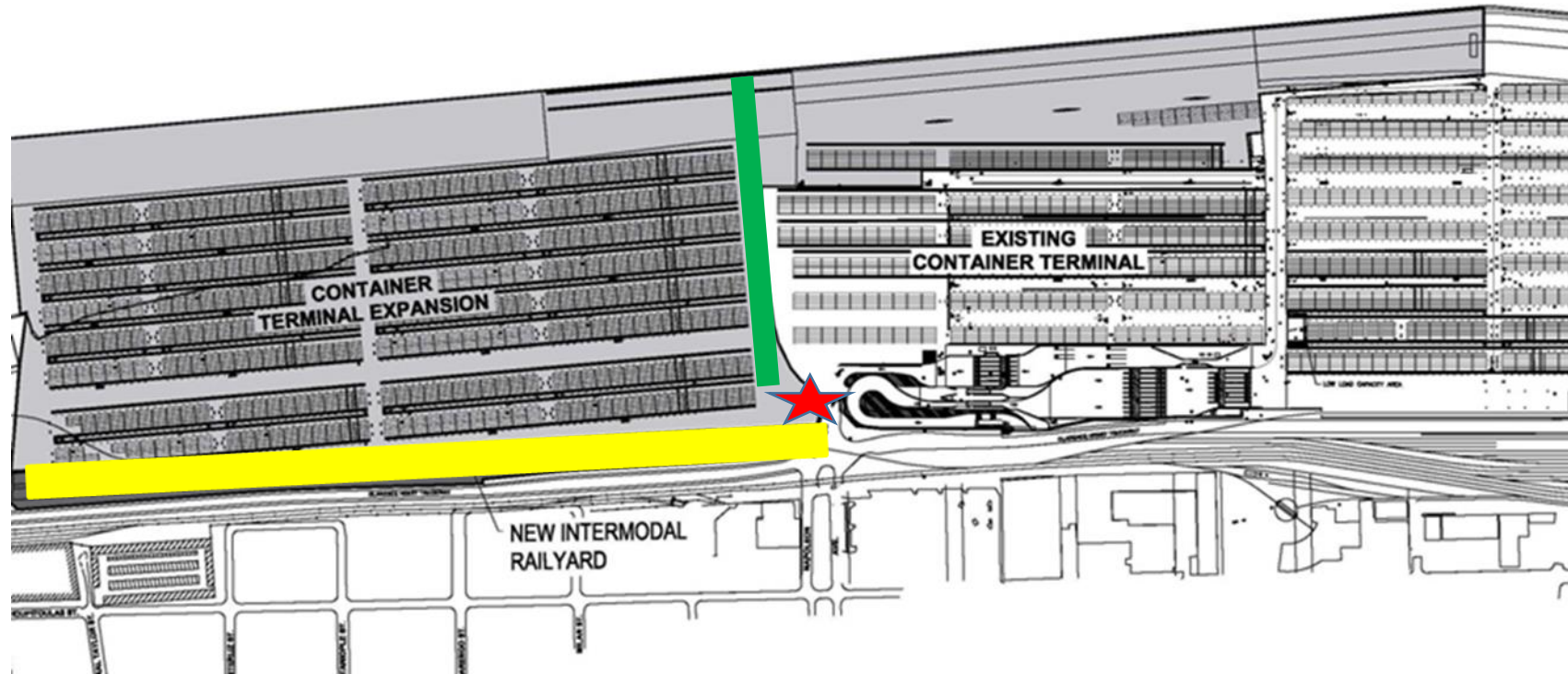
BEFORE



AFTER



CATALYST FOR FUTURE IMPROVMENTS



PORT OF NEW ORLEANS

OUR CONNECTIONS RUN DEEP

- We're connected to **global markets** as a vital link in the supply chain.
- We're connected to the **economy** as a job creator and revenue generator.
- We're connected to the **community** as a neighbor and resource for more than 120 years.



THANK YOU!

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