



Big Wins for the St. Louis Region Bi-State Public-Private Partnerships

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Partnership and Collaboration

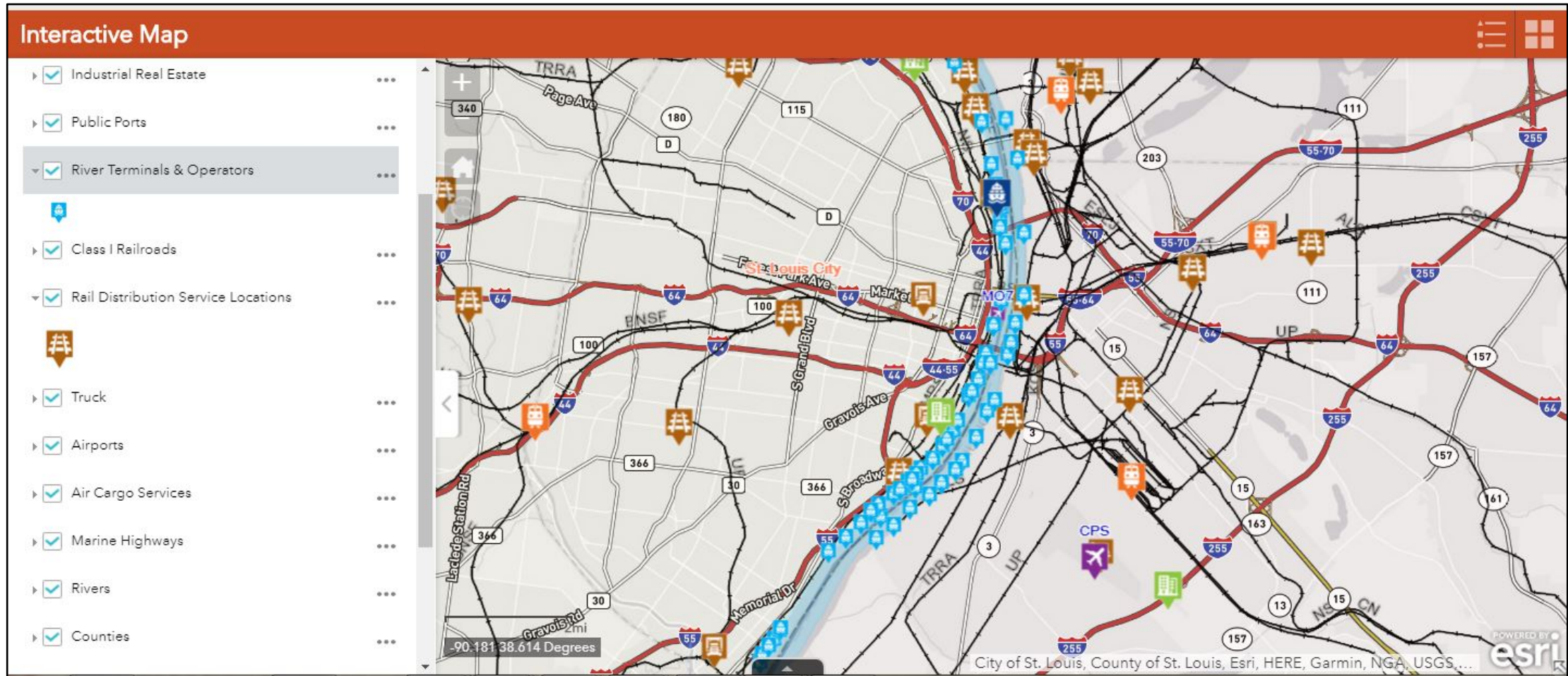
Public Sector & Private Sector

- East-West Gateway Council of Governments, Missouri and Illinois Departments of Transportation
- Industry leaders in manufacturing, logistics, real estate, all modes of transportation and more



Ag Coast of America

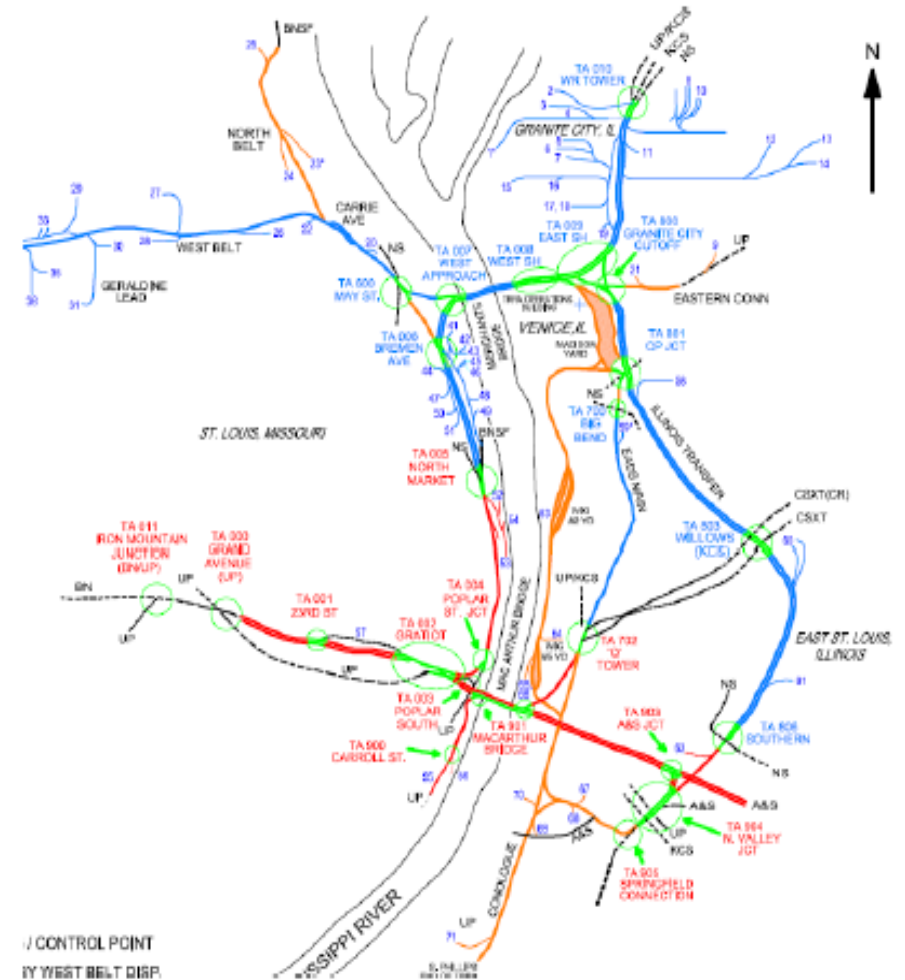
TheFreightway.com



Terminal Railroad Association of St. Louis

TRRA History

- Mississippi Ferry predecessor is established in 1797.
- TRRA acquires the Wiggins Ferry Company.
- Owners include five Class I Railroads to ensure efficient and economical method of passenger and freight traffic over the Mississippi River.
- Today, TRRA owns and operates the Merchants Rail Bridge, the MacArthur Bridge, a rail switching facility in Madison, IL and several key railroad routes in St. Louis, MO and Madison and St. Clair Counties in IL.



Prioritizing Projects

First Steps:

- Build partnerships with private industry leaders.
- Projects throughout the region were submitted by local agencies and committee members.
- Establishing project criteria
 - *Economic Impact*
 - *Multimodal Impact*
 - *Efficiency Impact*
 - *Safety and Security in Travel*



2019 Multimodal Project List Update

Project List Update by Status



Programmed for Construction

Partially Programmed for Construction

Actively Pursuing Funding Opportunities

Concept Development or Planning

2019 PRIORITY FREIGHT PROJECT
ST LOUIS REGIONAL FREIGHTWAY

Merchants Bridge (TRRA) Replacement over the Mississippi River (MO-IL)
Actively Pursuing Funding Opportunities

Project Location

Project Aerial

Project Status

- Construction
- Design
- Planning Study
- Concept Development

Anticipated Project Funding

If INFRA funding is secured, construction could start late 2018 and be completed as early as 2021.

| Source | Million | Percent |
|-------------|---------|---------|
| TRRA | \$40 | 20% |
| INFRA Grant | \$75 | 37.5% |
| RRIF Loan | \$85 | 42.5% |

Location: Mississippi River, Mile Marker 183
Estimated Cost: \$200 million
Owner: Terminal Railroad Association of St. Louis (TRRA)
Contact: Mike McCarthy, TRRA President, (314) 539-4704

The Merchants Bridge over the Mississippi River in America's heartland impacts national freight movement, the future of freight, and the future of farmers, manufacturers, and distributors who depend on it.

The Merchants Bridge serving the St. Louis region:

- Links America's eastern and western freight rail networks
- Carries more than 40 million gross tons annually
- Serves six Class 1 Railroads and Amtrak

The St. Louis region is the:

- 2nd largest freight rail interchange location in the nation
- 3rd largest freight rail interchange location by tonnage

Without funding, the Merchants Rail Bridge could be taken out of service within ten years. Meanwhile, in its current condition with the restricted speed, single-track capacity, and rising maintenance costs, the bridge will continue to cause delays in the national multimodal freight rail and passenger service networks.

The nearly 130-year-old Merchants Rail Bridge spans the Mississippi River between St. Louis, Missouri and Venice, Illinois and is owned by the Terminal Railroad Association of St. Louis (TRRA). The Merchants Rail Bridge has rail connections to Amtrak's St. Louis Station and to six National Class 1 railroads servicing BNSF Railway, CSX Transportation, Canadian National, Kansas City Southern, Norfolk Southern, and Union Pacific. The Class 1 railroads serve the St. Louis region's manufacturing and logistics companies that are part of an interdependent supply chain requiring access to markets on both sides of the Mississippi River, across the United States, and internationally, including: U.S. Steel, Conoco Phillips, Cargill, Archer Daniels Midland (ADM) Company, World Wide Technologies, General Motors, Hershey's, Unilever, Metro East Industries, Bunge, American Milling, Schneider Trucking, SCF Lewis & Clark Martine, FedEx, Boeing, and Kinder Morgan.

This project is the #1 priority for the St. Louis Regional Freightway.

May 2018

Freight Development Committee

Multimodal Infrastructure List

- Updated annually with support from public and private sector leaders and experts from the manufacturing and logistics industries.
- IDOT, MoDOT, East-West Gateway Council of Governments, Class I railroads, trucking, barge, airports, industrial real estate brokers and site selectors and regional chambers of commerce/economic development organizations.



A Bi-State Response to Maximizing the Region's Freight Network

- Unanimous approval of this list each year signifies regionalism and the importance of infrastructure investment.
- Model allows private sector representatives to help public sector leaders understand how freight travels through the region's infrastructure and how efficient and reliable transportation impacts on-time delivery and costs.



A Bi-State Response to Maximizing the Region's Freight Network

- Identify funding opportunities – alert committee members of grant funding opportunities from IDOT, MoDOT, FHWA, FRA, etc.
- Committee members help promote our region's freight assets – participate in editorial review boards, letters to the editor and trade magazine interviews; submit letters of support for grant applications.



A Bi-State Response to Maximizing the Region's Freight Network

- The Freightway is a grant sponsor for privately owned projects.
- Moving forward, committee members want project list to include more high-impact, low-cost projects and first mile – last mile projects.



Public-Private Partnership – Achievements!

\$200 Mil – Summer 2018

Region's Highest Priority Project

- Public-private partnership – received a USDOT TIGER grant for the west approach
- TRRA financing for construction announced for the main span and the IL approach in summer 2018 - \$200 mil
- Double track structure will provide additional capacity for increased freight and passenger rail
- TRRA recognized for outstanding leadership in infrastructure investment and regionalism



Public-Private Partnership – Achievements!

\$18.7 Mil – Summer 2018

IDOT - IL Competitive Freight Program - June 2018

Two counties received funding for six projects

Both MO and IL industry leaders sent letters of support to IDOT

Total: \$18.7 mil (\$235 mil statewide)

- Interchange reconstruction for region's fast growing industrial real estate sites
- Two rail improvement projects at America's Central Port
- TRRA rail realignment that reduces truck bottlenecks – First mile-Last mile
- Roadway diversion loop that reduces truck bottlenecks – First mile-Last mile
- Roadway reconstruction that reduces truck bottlenecks (87% truck traffic) – First mile-Last mile

Public-Private Partnership – Achievements!

\$4 Mil – Summer 2018 and \$6 mil Feb 2019

Union Pacific Railroad Lenox Tower Replacement

- High-impact, low-cost project - \$10 mil
- Public-Private Partnership with Union Pacific, IDOT, Amtrak, BNSF and KCS
- Built in 1924 in Mitchell, Illinois
- Average of 66 trains pass through daily
- Decrease wait time by 43 hours a week for combined freight

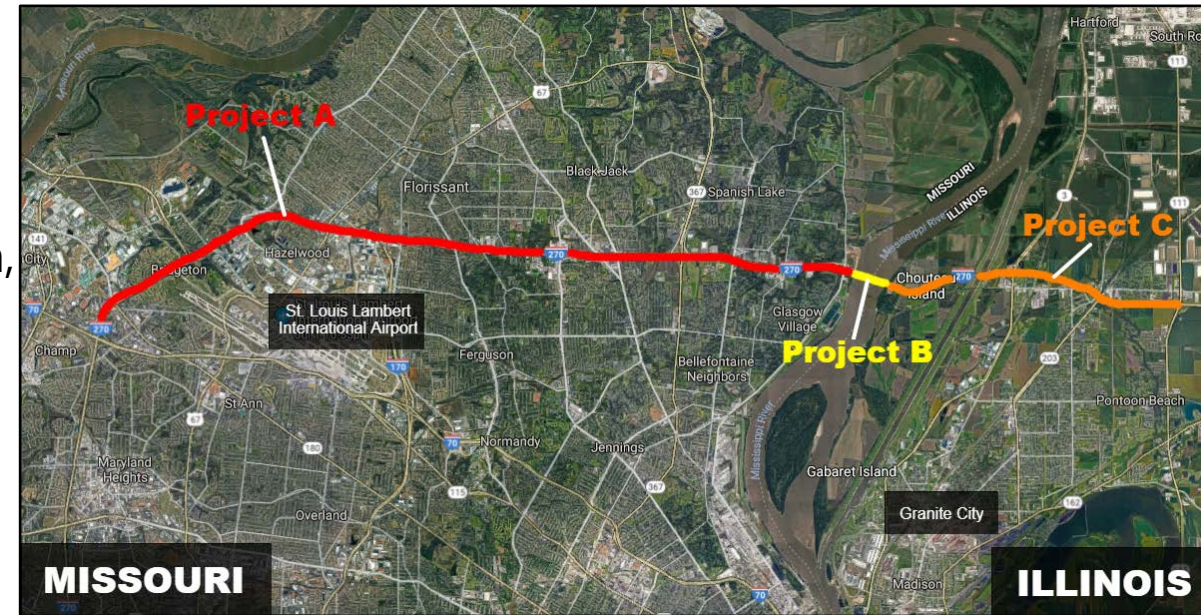


Public-Private Partnership – Achievements!

\$440 Mil – Calendar Year 2018

I-270 Improvements – 30 mile corridor along MO-IL manufacturing and logistics corridor

- \$440 mil is partial funding and is in addition to the DOT's annual fiscal year programs.
- Bi-state corridor that serves manufacturing and distribution companies who operate on both sides of the Mississippi River – Boeing, AB-InBev, WorldWide Technologies, Amazon, Procter & Gamble.
- Boeing and General Motors have suppliers on both sides of the river and their regional supply chain is dependent on efficient and reliable freight movements.
- Serves the region's fastest growing industrial real estate parks on both sides of the river.
- Letters to the editor, letters of support, panel discussions and guest articles by industry leaders supporting this project.



Freight Network Planning

Example: Truck Corridor

North St. Louis Truck Traffic

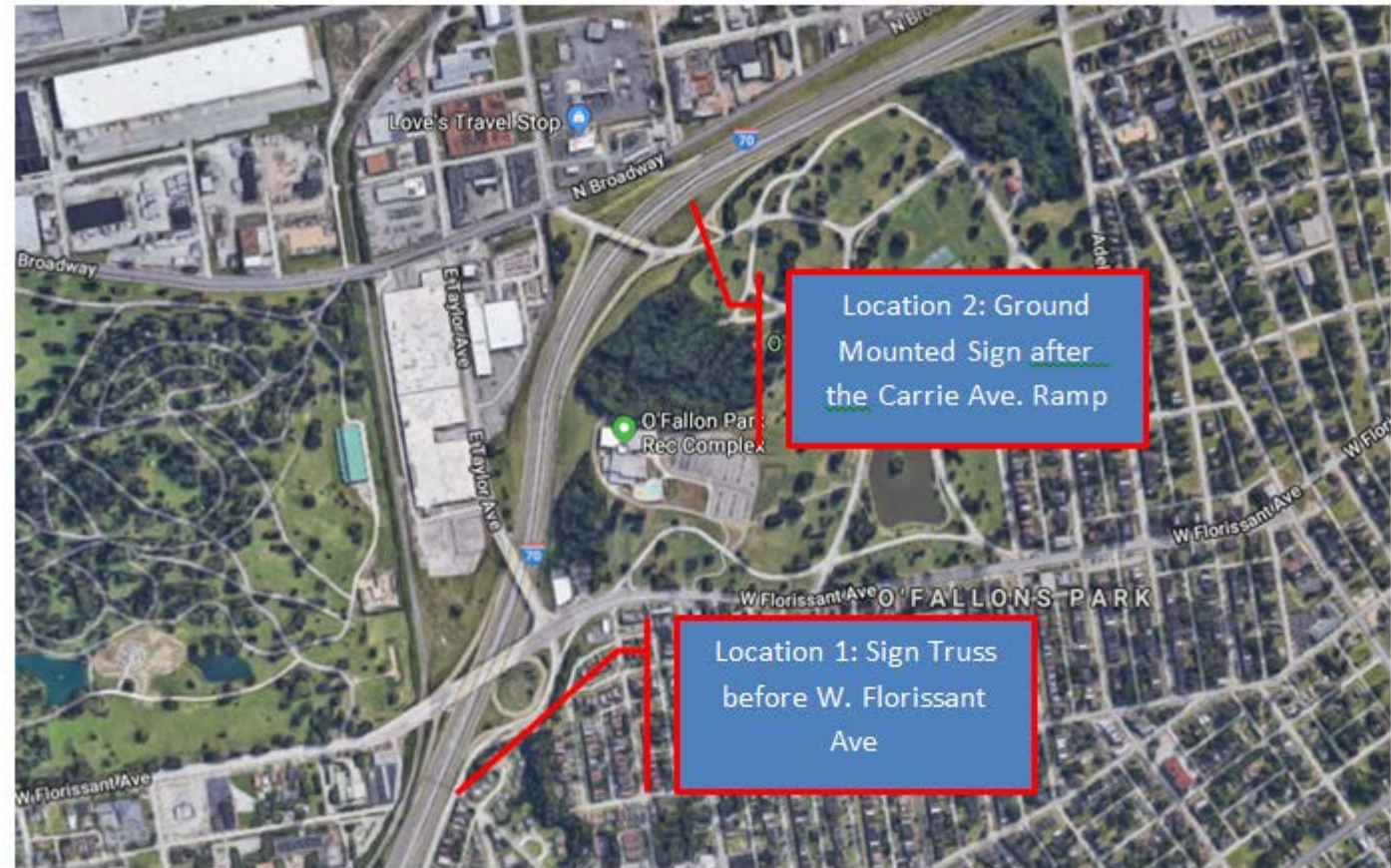
- Engagement
 - MoDOT
 - Area Engineer Michelle Forneris
 - Railroad Administrator Eric Curtit
 - Waterways and Freight Administrator Cheryl Ball
 - City of St. Louis
 - Deputy Executive Director Rob Orr

■ Outcomes to Date

Short Term: Identify locations for signage installation

Mid Term: MoDOT to analyze railroad crossings

Long Term: Investigate technology for advanced messaging for impending train disruptions



Freight Network Planning

Freight Industry Workforce Commute Initiative

General Motors - Wentzville

4000 employees

2100 employees supporting
automotive manufacturing

Mid-day shift – 1000 employees

Production line is impacted 1-2 times
a month

Short term: Improvements to Route A
Incident awareness – I-70 WB

Long term: Improve I-70 WB reliability
I-70 curve at NFS RR and underpass



General Motors Website

2019 First Mile-Last Mile

- Working with East-West Gateway Council of Governments
- Identifying freight corridors beyond the interstates – truck crash, truck ADT, truck congestion and engaging freight industry





Thank You