

St. Louis Regional Freightway
2023 Multimodal Priority List and Marketing Overview

Mission and Goals

To Optimize the region's freight transportation network through public and private partnerships.



To produce results that strengthen the **St. Louis region** by increasing job growth through manufacturing and logistics and improving the local economy.

Regional Freight Needs Analysis and Development Plan – maximizing funding opportunities through public-private partnerships and improving multimodal capabilities.

Develop and implement a Marketing Plan – St. Louis region is recognized as a national and global freight hub.



Marketing Update

Raising Awareness Q4 2021 thru Q2 2022



November 06, 2021 at 6:30 pm CDT



ag production increases. The Ag Coast of America will become increasingly important. At its core is a 15-intersection of the Mississippi River e. St. Louis region delivering the highest lever of grain barge handling anywhere along the Mississippi River, providing the northernmost xic-frest bare according to the Mississippi River bare and from the Glaff of Mississi.

T. LOUIS — The interconnectivity of different transportation modes and need for reliability in both ransportation and broadband infrastructure emerged as key ingredients for continued competitiveness of the U.S. agriculture industry during a virtual webinar hosted by the St. Louis



Freight Network Needed to Improve Supply Chain Reliability

DECEMBER 16, 2021 - ASSOCIATIONS / NEWS

s vehicle travel returns to pre-pandemic levels and federal transportation funding from the frastructure investment and Jobs Act (IIJA) begins to reach states, it will be critical that ates make additional investments to improve the efficiency and condition of the nation's rejidn network to minimize supply chain disruptions, according to a new report released day by TRUE. Weeklington, December 2015.



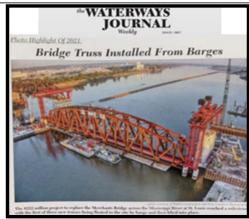




Infrastructure bill will enhance St. Louis area freight network

Mary Lamie

The new federal infrastructure bill recently signed into law paves the way for historic investment in our nation's core infrastructure priorities – including roads and bridges, rail, transit, ports, airports, as well as the electric grid, water systems and broadband.







Progressive

A proposed container-on-vessel (COV) service to the St. Louis region is advancing,

now that Hawtex Development Corp. has signed on as lead developer for a new COV

Hawtex to develop container-onvessel service to St. Louis

facility in Jefferson County, Missouri





Raising Awareness Q4 2021 thru Q2 2022



Supply chain woes may leave Midwest shippers with edge, freight authorities say

By Editor | January 13, 2022 | 0 .



State highway board OKs starting work for I-55 improvements



Recovery, Resilience and Demand Shifts to Drive Inland Waterway Cargo Flows



ST. LOUIS POST-DISPATCH

BUSINESS

2021 ADVANCEMENTS IN THE ST. LOUIS REGION'S FREIGHT NETWORK





COLUMBIA

Underutilized' Missouri River barge services poised for federal investment

mething different arrived at AGRIServices of Brunswick's terminal on the lissouri River a few weeks ago: a barge load of tapioca from Thailand.

he product from overseas was something crew members had never seen ut the challenge excited Lucy Fletcher, ASB's business development

AJOT AMERICAN JOURNAL OF **TRANSPORTATION**



North America's middle ground: New cargo routes to and from the Midwest

The pundemic-fueled supply-chain mess has spurred innovations greater use of air cargo, Gulf and Great Lakes ports

six Asian ports, New Orleans, and Mobile.



St. Louis Region Positioned to Help Address Ongoing Supply **Chain Crisis**







rays played a major role in the economy of the etro Fast and St. Louis

ribined with modern logistics, it has become najor factor in job creation in the region

ses in that industry sector — ranging from astructure to worker training - are becoming Madison County Employment and Training partment (MCET) and the St. Clair County rgovernmental Grants Department.

program was the second of seven planned











Monday, May 23 Innovation Day: Autonomous Railcars Moving Closer to Reality and Container-On-Vessel Service Coming to the St. Louis Region

Tuesday, May 24 The St. Louis Region's Role in One of the World's Most Comprehensive Port Networks

Tuesday, May 24 Ag Coast of America Riverboat Cruise

Wednesday, May 25 Infrastructure Investments Continue to Strengthen Midwest Ports, Boosting Capacity and Increasing Profitability for the Barge Industry

Thursday, May 26 Release of the 2023 Priority Projects List

Thursday, May 26 Partnership Between the St. Louis Region and Kansas City Highlights the importance of Reconstruction and Adding capacity to Missouri's Statewide I-70 corridor

Friday, May 27 Release of the St. Louis Region's Spring 2022 Industrial Real Estate Market Report

Friday, May 27 Three Things to Know about Illinois Route 3 in Southwestern Illinois



Media Coverage Highlights FreightWeekSTL 2022









Report Reveals Industrial Construction at Historic

High in St. Louis Region



Global Trade

he collaborative effort to launch the first of its kind patented Container-or



Media Coverage Highlights FreightWeekSTL 2022



LOUIS-BASED TECH START-UP AIMS TO HELP MAKE RAILROADS COMPETITIVE FOR THE NEXT 200 YEARS THROUGH AUTONOMOUS RAILCARS



FreightWeekSTL 2022 kicks-off with session highlighting Intramotev's selfpropelled railcar

reightWeekSTL 2022 kicked off May 23 with Innovation Day, featuring merging technologies that have the potential to dramatically change the future novement of freight. The opening session highlighted the advancements being ade by St. Louis start-up Intramotev Autonomous Rail.

RIVERBENDER.COM

St. Louis-Based Tech Start-Up Aims To Help Make Railroads Competitive For Next 200 Years With **Autonomous Railcars**



featuring emerging technologies that have the potential to dramatically



St. Louis Regional Freightway's 2023 priority projects list totals \$3.8 billion



he St. Louis Regional Freightway's 2023 Priority Projects List includes 25 projects represe a total investment of more than \$3.8 billion, up from \$2.75 billion last year



CropLife

Union Pacific Railroad Continues to Adapt and Invest to Keep Freight Moving



By CropLife Staff | May 26, 2022



G 🔾 🙃 🖯

An unprecedented disruption in the global supply chain due to the COVID-19 pandemic i still having a major impact on many U.S. industries. Freight rail has had to adapt daily over he last two years to keep goods moving, and Union Pacific Railroad is taking its lessons arned, investing in adding more capacity and committing to moving more intermodal reight. That commitment includes investing \$600 million of capital in 2022 alone as the mpany works to add more than one million lifts to the intermodal franchise and ramps hiring so resources match demand. The various ways that Union Pacific continues to adap and invest to keep freight moving were the focus of one of the panel discussions during

Republic-Times

Dupo railyard an example of optionality





Illinois 3 Corridor Generates \$160, Supports 220,000 Job

Illinois 3 Corridor Generates \$16B, Supports 220,000 Jobs





Feature on St. Louis Region in Site Selection Magazine

- Daily releases sent during FreightWeekSTL
- Sparked broad-based interview with Mary Lamie
- Story touched on several key themes from FWSTL
- Reinforced region's role as a global freight and logistics hub





Earned Media Coverage

October 2021 through June 2022

Total Placements: 322

Total Reach: 14 Million+

Total Publicity Value: \$1.7M

FreightWeekSTL 2022 Alone

Total Placements: 120

Total Reach: 4 Million

Total Publicity Value: \$600,000

The Freigthway.com

Continue to add to website content to reinforce our region's *One Location. Global Access.*





The Freigthway.com

- Updates to the featured Real Estate sites map
- More interactive features
- Gathering information on rail-served sites to be added this fall



Featured Real Estate Sites Map







2023 Priority Project List

2023 Multimodal Project List Process

Feb 7, 2022

Freight Development Committee meeting provides opportunity for public and private sector input from across the region. Projects are vetted with public and private stakeholders from across the region.

March 22, 2022

Freight Development Committee reconvenes and finalizes the project list.

Early May 2022

Request Freightway Council approval

May 26, 2022

Release draft project list

Fall 2022

Request E-W Gateway Council of Governments Board approval

2023 Priority Project Criteria Updates for 2023 Priority Project List

- Economic Impact To improve the region's overall competitiveness (i.e. new business development, job creation, 1st-order economic benefits)
- Multimodal Impact To improve the flexibility, reliability, and connectivity of the region's freight network (i.e. speed of freight, lowering cost, improved reliability)
- Efficiency Impact To increase the efficient use of the region's assets
- Safety in Travel To advance safety of the region's transportation assets
- Project Readiness





USDOT Noteworthy Practices

Key Accomplishments

- Improved cross-sector partnerships that increased regional competitiveness for funding to benefit freight mobility and economic development
- Created a list of priority freight projects to help inform regional and state decision makers in their development of transportation improvement programs
- Fostered relationships and consensus building across sectors and jurisdictions leading to improved freight decision-making, project development and funding success.



2023 Freightway Priority Project List

Project-specific and regional freight advocacy efforts

- 2023 Priority Project List includes 25 projects with representing a total investment of \$3.8 billion.
- More than \$2 billion are already funded and under construction or expected to start construction or design within the next few years.
- The list represents the infrastructure needs of the manufacturing and logistics industries and indicates tremendous progress on a range of projects that will strengthen critical roads, bridges, rail infrastructure and port and airport facilities across the bi-state St. Louis region.



- Merchants Bridge (TRRA) Replacement over the Mississippi River (MO-II) \$222M√

 1-255/Davis Street Ferry Road Interchange (II) \$420 M

 1-100 Facility Replacement of Modern Street Ferry Road Interchange (III) \$400 M

 Union Pacific Railitood Lenox Tower Replacement and Track Realignment (II) \$19M

 Earth City Access Improvements (MO) \$4M√

 Illinois Route 3 Connector between II. Rie 3 and II. Rie 203 (III) \$81.5M Funded

- = I-64 Improvements from Green Mount Road to Illinois Route 158 (Air Mobility Drive) (II) \$35M North Park Access Improvements (MO) \$31M Illinois Route 158 (Air Mobility Drive) Relocation from Route 161 to Route 177 (II) \$20M





Partially Programmed for Construction

- North Rivertront Commerce Corridor Improvements (MO) 534M Partially Funded Illinois Route 3 Access Improvements (II) \$300M Partially Funded America's Central Port Intermodal Improvements (II) \$371.2M Partially Funded
- Kaskaskia Regional Port District Improvements (IL) \$41M Partially Funded I-270 Improvements from I-70 (MO) to Illinois Route 157 (MO-IL) \$1.2E
- -zro improvements until 1-70 (Myl) of Imitions Route 157 (MO-113 31.26)
 1-270 from James S. McDonnell Boulevard to Belletontaine Rd (MO) \$278M Funded
 1-270 from Route 387 (Lewis and Clark Boulevard) to Route H (Riverview D) (MO) Not Funded
 1-270 Mississippi River Chain of Rocks Bridge Replacement and 6 lanes from the Mississippi River
 Bridge to the Chain of Rocks Canal on the Illinois side(MO/IL) \$332M Funded
 1-2706-lane Preliminary Engineering (IL) \$3M Funded
- I-270 from Illinois Route 3 to East of St. Thomas Road, includes land acquisition & utility relocations (IL)
- Illinois Route 111 at Chain of Rocks Rd, includes construction engineering, land acquisition & utility
- I-70 Improvements from Wentzville to Stan Musial Veterans Memorial Bridge (MO) \$500M
- 70 influvements from wentzwite to stair mustar Veretains wentroit as hope two 5 solar mustar veretains wentroit as hope two 5 solar mustar veretains wentroit as hope two 5 solar mustar veretain sentroit as 182M Funded 1-70 influence and 5 solar must veretain solar from 18 Hughes Boulevard to Bryan Road 5 sNM Partially Funded 1-70 Bottleneck Improvements from Wentzville Parkway to Route Z \$ 58M Funded

- 1-70 bottleneck improvements from wentzwise Parkway to Notile 2-5898 Funded
 1-70 improvements from Route 141 to 1-170 \$179M (Tier 1 and 27) Not Funded
 1-70 improvements between Convention Center Boulevard and Missouri Route 370 Not Funded
 1-70 f-64 Interchange improvements (Concept Development Phase) Not Funded
 1-70 St. Louis City Limit to Bention Street Interchange reconfiguration and safety enhancements
 \$158M (Tier 27) Not Funded
 1-70 Wentzwille Parkway to Warren County capacity to be added \$77.9M (Tier 37) Not Funded
 1-70 Wentzwille Parkway to Warren County capacity to be added \$77.9M (Tier 37) Not Funded
 1-70 Wentzwille Parkway to Warren County capacity to be added \$77.9M (Tier 37) Not Funded
 1-70 between Kansas City and the St. Louis region highlights the importance of reconstructing
 and adding capacity to Missouri's statewide 1-70 corridor (Mo Salewide Unitunded Needs')
 St. Louis Lambert International Airport North Cargo Improvements (MO) \$15.2 V.

- oncept Development or Planning 1-255/Fish Lake (Ramsey Road) Interchange (II) \$27M Mississippi River Port Development Projects (MO) \$96.1M 1-55 Improvements from Route Z to U.S. Route 67 (MO) \$212M
- Terminal Railroad Association of St. Louis (TRRA) Tunnel-Arch Riverfront Dewatering (MO) \$8.8M Terminal Rail Road Association 5 1. Louis Multi-Modal Freight Yard Expansion at Madison Yard (IL) \$52M 1-55/70 lane additions from 1-255 to 1-270 (IL) \$456M
- MidAmerica St. Louis Airport Distribution Improvements (IL) \$451
- St. Louis Lambert International Airport Access Improvements (MO) \$30.3M New Terminal for St. Louis Lambert International Airport Estim
- St. Louis Regional Freightway's highest priority projects
- * Tier level of MoDOT's high priority unfunded tra









18

2023 Freightway Priority Project List

Merchants Rail Bridge Riverboat Cruise Features Final Truss Installation
Highest Priority Project

The St. Louis Regional Freightway hosted a Riverboat Cruise with more than 125 industry leaders and two local schools. Crews worked on final preparations for the installation of the last new truss. The installation of the third and final truss marked one of the last significant milestones in the \$222 million project.

Photo Credit Walsh Construction Trey Cambern Photography







2023 UPDATES Freightway Priority Project List Merchants Rail Bridge



Grand Reopening Merchants Bridge - Sept. 15, 2022

- \$222 million project to replace and modernize 133-year-old bridge
- Double track bridge provides reliable, resilient and expanded freight and passenger traffic across the Mississippi River
- Freight Development Committee's #1 Priority
- Public-Private Partnership (90% Private and 10% Federal Funds)

Terminal Railroad Association of St. Louis

Project completed September 2022
Photo Credit Walsh Construction Trey Cambern Photography





Merchants Bridge Riverboat Cruise August 2022







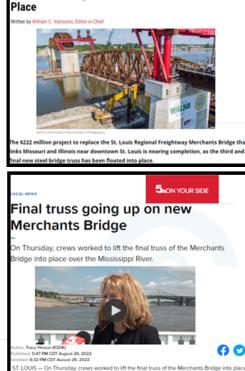






e \$222 million project to replace the Merchants Bridge that links Missouri and Illinois new

town St. Louis is nearing completion, and the St. Louis Regional Freightway gave invit



the Mississippi River. It's one of the last pieces of the years-long construction puzzl

RAILWAY AGE

Merchants Bridge Reconstruction Final Truss In



I-270 over Mississippi River Bridge Replacement



\$274 million project

- Construction begins late 2022. Mainline approaches and new bridge will accommodate six lanes w/ 10' shoulder.
- New bridge will consist of dual structures. First bridge built immediately south of existing bridge.
- IDOT is committed to doing its best to keep two lanes of traffic each direction on I-270.



Riverview Drive & I-270 Interchange Modification (MO)



- Expect ramp closures at the Riverview interchange during construction, signed detours will be provided.
- Given the close proximity of Riverview to the Chain of Rocks Bridge, access to and from I-270 will be restricted throughout the approximately 4-year long construction program.



I-70 from Wentzville to Stan Musial Veterans Memorial Bridge



MoDOT Unfunded Multimodal Needs: I-70 from 141 to I-170 – Total \$178.6 mil

Reconfigure STL Airport access and reconfigure interchanges

Improved interstate and MetroLink access to the airport.

Support the new conceptual single terminal at St. Louis Lambert International Airport.



"St. Louis Lambert International Airport, MoDOT and MetroLink working together on ease of accessibility to a new conceptual single terminal is incredibly important and as region we should support. This project is a tremendous benefit as an economic development driver allowing us to attract and retain all industries."

- Asim Raza, Chief Legal Officer and Director of Corporate Affairs, Terminal Railroad Association of St. Louis, February 7, 2022





Additions based on MoDOT Unfunded Multimodal Needs

MoDOT Unfunded Multimodal Needs:

• I-55 from Rte Z to 67 (Long Range Plan 2030-2039)

Tier 1 - \$54.2 mil STIP \$92 mil

I-64 at I-70 Reconfigure interchange

Tier 1 – \$22.6 mil

Tier 2 - \$18 mil

I-270 Rte 367 to Rte H (Riverview Dr)

Tier 1 - \$33.9 mil STIP







I-70 from Wentzville to Stan Musial Veterans Memorial Bridge (MO)

MoDOT Unfunded Multimodal Needs:

ADD to I-70 High Priority Project List

I-70 St. Louis City Limit to Benton St

Tier 2 - \$168 mil

Reconfigure interchanges and safety enhancements

ADD to I-70 Fact Sheet

I-70 Wentzville Parkway to Warren Co

Tier 3 - \$27.94 mil

Add Capacity



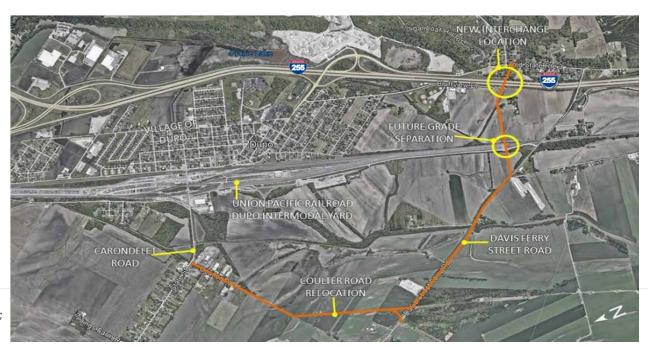




2023 UPDATES Freightway Priority Project List I-255/Davis St Ferry Interchange

I-255/Davis St Ferry Rd Interchange - Construction is anticipated early summer 2023.

Interchange project will benefit the Dupo Intermodal Yard in order to expand operation and remain competitive, as well as support development near the proposed interchange.





I-70 from Wentzville to Stan Musial Veterans Memorial Bridge (MO)

MoDOT Unfunded Multimodal Needs:

ADD to I-70 Fact Sheet.

Partnership Between Kansas City and the St. Louis Region Highlights the Importance to Reconstruction and Adding capacity to Missouri's Statewide I-70 corridor







KC



2023 UPDATES Freightway Priority Project List Jefferson County Port Development Project (MO)

Mississippi River Port Development Projects

Partially programmed for construction

Jefferson County Port Development Project

UPDATE: Herculaneum Container Consolidation Port Facilities at Riverview Commerce Park. Jefferson County received \$25 million for the port development from the state of Missouri.

North Riverfront Commerce Corridor Improvements (MO)

North Riverfront Commerce Corridor Improvements (MO)

Partially Programmed for Construction

Adelaide Ave to Riverview Dr.

- Proposed Scope: Flood mitigation with road reductions
- MoDOT, MSD, City of St. Louis and Freightway working together

Community stakeholder engagement









Photos: Courtesy of MoDOT

Kaskaskia Regional Port District Improvements (IL)

Kaskaskia Regional Port District Improvements (IL)

Partially Programmed for Construction

The following are updates:

\$10 mil Funded New rail loop at KRPD#1

New by-products from Prairie State Campus

to the Kaskaskia River generating additional

1.5 mil tonnage.

\$2.7 mil Funded Conveyer upgrade and expansion of

fertilizer plant at KRPD#2



Pictured, from left, are Kaskaskia Regional Port District secretary Anna Guebert, Gov. JB Pritzker, KRPD board chairman George Obernagel and KRPD board members Rodney Linker and Mark Chatham during last Wednesday's event in East SI Louis

Republic-Times



2023 UPDATES Freightway Priority Project List I-55/70 Add lanes from I-255 to I-270 (IL)

New Project – Concept Development I-55/70 Add lanes from I-255 to I-270 \$456 mil

Proposed project would extend six lanes starting at I-255

High-capacity regional crossroad that includes the convergence of I-55 and I-70 that provides connectivity to the region's outer belt I-270/I-255.





2023 UPDATES Freightway Priority Project List IL Rte 3 Connector (IL)

New Project – Advanced to Construction

IL Rte 3 Connector – New alignment between IL Rte 3 and IL Rte 203
Improves mobility and connectivity FUNDED \$81.5 mil

TRRA operates the Madison Yard intermodal facility northeast of this project. The CSX East St. Louis Intermodal Terminal in Fairmont City and Washington Park is also in close proximity. The project will benefit both rail yards by helping to increase freight reliability and efficiency benefitting IL Rte 3 and IL Rte 203









America's Central Port Intermodal Improvements (IL)

America's Central Port project updates:

- A. Granite City Harbor Lead Track Revitalization Completed
- B. Red Dock Rail Expansion Cost updates
- C. New Port Entrance at IL Rte 3 Funded and under construction!
- D. Rail Center (Phase 1) New project!

ILLINOIS

Pritzker announces multi-million dollar investments for local transits, ports

 America's Central Port District in Granite City: \$21 million total investment with \$13 million for sediment reduction project in Madison Harbor, increasing operational efficiency and reducing long-term expenses.

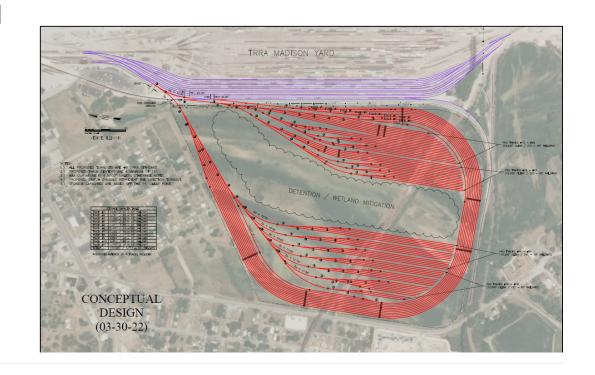




St. Louis Multimodal Freight Yard Expansion at Madison Yard (IL)

St. Louis Multimodal Freight Yard Expansion at Madison Yard

Will expand railcar capacity by approximately 1,500 cards at TRRA's Madison Yard in Venice, IL. Railcar capacity will increase to hold a total of 4,000 cars. Improvements will relieve congested mainlines and efficiently process the increased demand of railcars on the network.





2023 Freightway Priority Project List Moving Forward



- Continue to maximize funding opportunities and improve multimodal capabilities with USDOT, IDOT, MoDOT, elected leaders and private sector partners.
- Marketing Continue to advance container on barge/vessel development, build partnerships with gulf and coastal ports and attract shippers and carriers.
- Evaluating rail accessible sites, then addressing challenges to elevate developer ready status.

2023 Freightway Priority Project List

Request for approval

