

# **Aviation Advisory Committee March 2025**

March 13, 2025

## **Item #1 – Introductions**

Zoom attendees, please:

- Sign into the chat box to register your attendance.
  - Use your full name for your screen name.
  - Mute your microphones unless speaking to the group.
  - Type questions in the chat box.
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## **Item #2 – Missouri Unfunded Needs**

**Presenter: Cy Splichal**

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# 2025 Missouri unfunded needs

## ▶ Goal:

- ▶ provide a list of projects which represent where additional funding could be used
- ▶ Be able to react quickly with deliverable projects to any identified or secured funding

## ▶ Request: Update *unfunded transportation needs* list

- ▶ Complete work by June 6, 2025

## ▶ Key Factors considered in making recommendations:

- ▶ The relative priority of projects in the MTP and other plans
- ▶ Priorities of cities, counties and other agencies within their individual jurisdictions
- ▶ Distribution of projects within the region
- ▶ Progress made towards implementing projects on the previous list
- ▶ Project readiness w/ opportunity for annual updates.
- ▶ MoDOT staff priorities

# 2025 Missouri unfunded needs

## ► Unfunded needs list - structure

Unfunded needs lists	\$ Cost Target (2025)
Road/Bridge Tier I	\$95 M
Road/Bridge Tier II	\$380 M
Road/Bridge Tier III	\$380 M
Road/Bridge Total	\$855 M

Multimodal Projects	\$190 M	Pending
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**Note:** +/- 10% of project cost target allowed by MoDOT within each tier and in overall list of projects

## 2024 Missouri Unfunded Needs - Multimodal (Transit) – Recommended by Transit Technical Team

Project/service route or program	Project / Program Cost
Interjurisdictional Transit Service Operations	\$33,000,000
Interjurisdictional Transit Capital Projects	\$33,000,000
Independence Avenue Bus Rapid Transit (Fast and Frequent Service)	
Burlington/North Oak Enhanced Transit (Fast and Frequent Service)	
31st/Rock Island Corridor (to stadiums) (Fast and Frequent Service)	
Other routes and services	
Improve passenger rail station, replace platform staircases in KC	\$5,000,000
OATS - Local match for 41 vehicles past useful life	\$850,000
<b>Total</b>	<b>\$71,850,000</b>

Note: Assume state funds cover 20% of capital cost for projects. Remainder for "Interjurisdictional transit operations".

## 2024 Missouri Unfunded Needs - Multimodal (Bike/Ped) – Recommended by Active Transportation Programming Committee

Project	Cost
Blue River Parkway - Blue Ridge Connector (Jackson County Parks + Rec)	\$3,000,000
Blue River Parkway Trail: State Line Connector (Jackson County Parks + Rec)	\$4,000,000
Blue River Trail - Swope Park Central Valley Connector (KCMO, Missouri P&R Dept)	\$1,500,000
350 HWY Bike and Pedestrian Trail (City of Raytown)	\$1,500,000
3rd Street at US50 Interchange Improvements (MoDOT)	\$7,000,000
Grand Blvd - Riverfront pedestrian and bike bridge (KCMO)	\$8,000,000
Greenwood Connector (Jackson County)	\$16,000,000
<del>Bridge Replacement Old 210 (Clay County, Missouri)</del>	<del>\$2,300,000</del>
Missouri River North Trail (KC and NKC sections. Note: Riverside portion already funded)	<b>\$13,000,000</b>
Gillham Rd - Upgrade barrier (KCMO)	\$2,006,400
Trolley Trail Connector trail - MLK Jr Blvd (KCMO)	\$865,200
Columbus Park Neighborhood – sidewalks (KCMO)	\$10,300,000
Total	<b>\$67,171,600</b>
Note: Protected bicycle facilities preferred for bicycle network improvements.	

**2024 Missouri Unfunded Needs - Multimodal (Freight)\* - Recommended by Goods Movement Cmte**

Project	2024	2025 Cost
Independence Avenue Rail Bridge Construction (KCMO & Terminal RR)	\$20,000,000	\$20,000,000
Canadian Pacific RR grade-separated crossing (Birmingham Rd @ Holt Dr) (City of Liberty)	\$9,150,000	\$9,150,000
Missouri River Terminal/Woodswether port improvements (Port KC)	\$22,000,000	\$22,000,000
RSA Grading and Erosion Control (Clay County general aviation airport)	\$2,400,000	\$2,400,000
Runway Lighting Rehabilitation (Excelsior Springs)	\$300,000	\$300,000
Lee's Summit Airport Improvements	11,000,000	\$25,000,000
<del>Northeast Side Development (Lee's Summit airport) (\$3m)</del>		
<del>South Apron Expansion (Lee's Summit airport) (\$1m)</del>		
<del>Construct Air Traffic Control Tower (Lee's Summit airport) (\$7m in 2024; \$12m in 2025) 1<sup>st</sup> priority</del>		
<del>Taxiway Charlie Extension (\$9m) 2<sup>nd</sup> priority</del>		
<del>SE Hangar Development (\$4m) 3<sup>rd</sup> priority</del>		
Harrisonville Airport Improvements		\$4,000,000
<del>Construct Hangars (Harrisonville general aviation airport) (\$1m)</del>		
CONSTRUCT PARALLEL TAXIWAY Harrisonville Airport (\$3m) (\$3m in 2024; \$4m in 2025)		
<b>Total</b>		<b>\$ 82,850,000</b>



## Kansas City Region - DRAFT Missouri Multimodal Unfunded Needs List (2024)

Multimodal project category	Combined project list	Committee review
Bike & pedestrian projects	\$67,171,600	BPAC and ATPC
Transit projects	71,850,000	Transit Technical Team
Freight and aviation projects	82,850,000	Goods Movement & Aviation Committees
Total Multimodal Unfunded Needs	221,871,600	
% over \$190M target	<b>16.8%</b>	

**2024 Missouri Unfunded Needs - Multimodal (Freight)\* - Recommended by Goods Movement Cmte**

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CONSTRUCT PARALLEL TAXIWAY Harrisonville Airport (\$3m) (\$3m in 2024; \$4m in 2025)		
Total		\$ 69,850,000

# Next Steps

- ▶ Review & committee discussions (March & April)
- ▶ Recommend approval by TTPC and MARC Board of Directors (May)

## **Item #3 – World Cup Transportation Updates**

Roundtable discussion related to any updates or information regarding 2026 World Cup planning efforts.

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## **Item #4 – Freight Study Update**

**Presenter: Cy Splichal**

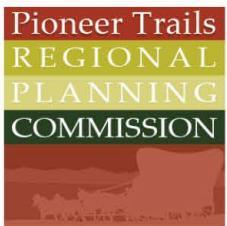
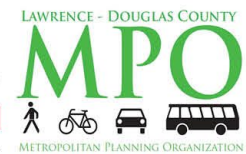
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# *A Plan in Action*

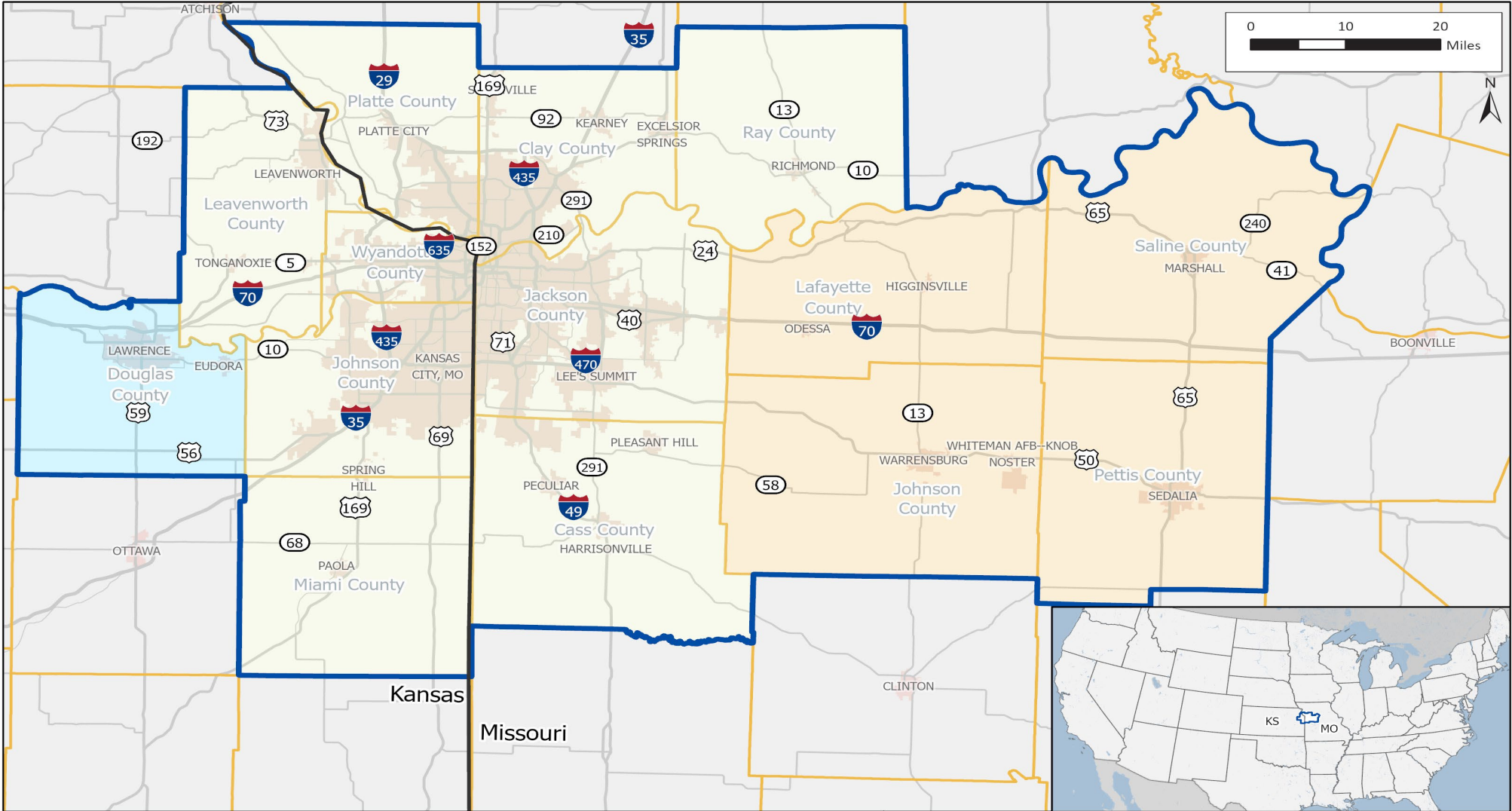
MARC Aviation Committee Meeting

March 13, 2025 | 1:30 p.m.

Location: Hybrid (MARC and Zoom)



# Study Region



**Legend**

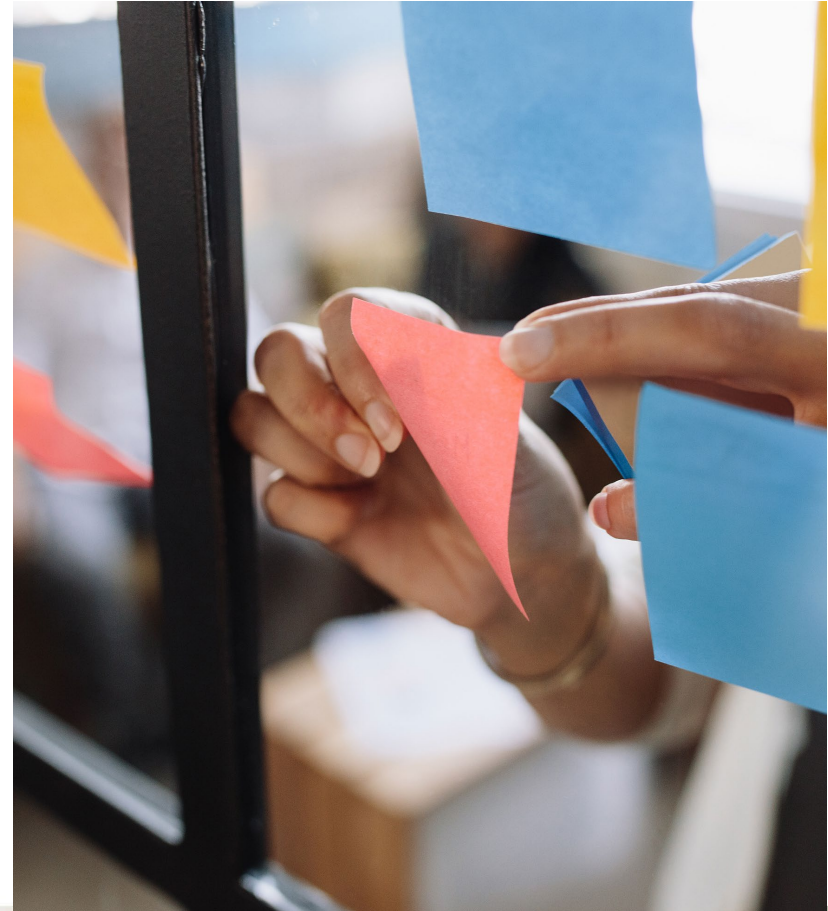
- County Boundaries
- USA Census Urban Areas
- KC Connected Freight Study Region
- MPO Boundaries
- Interstate
- US Route
- State Route
- Other Roadway
- LCDCMPO
- PTRC
- MARC

**KC Connected Freight Study Region Map**



# Connected Freight KC 2050 – A Plan in Action

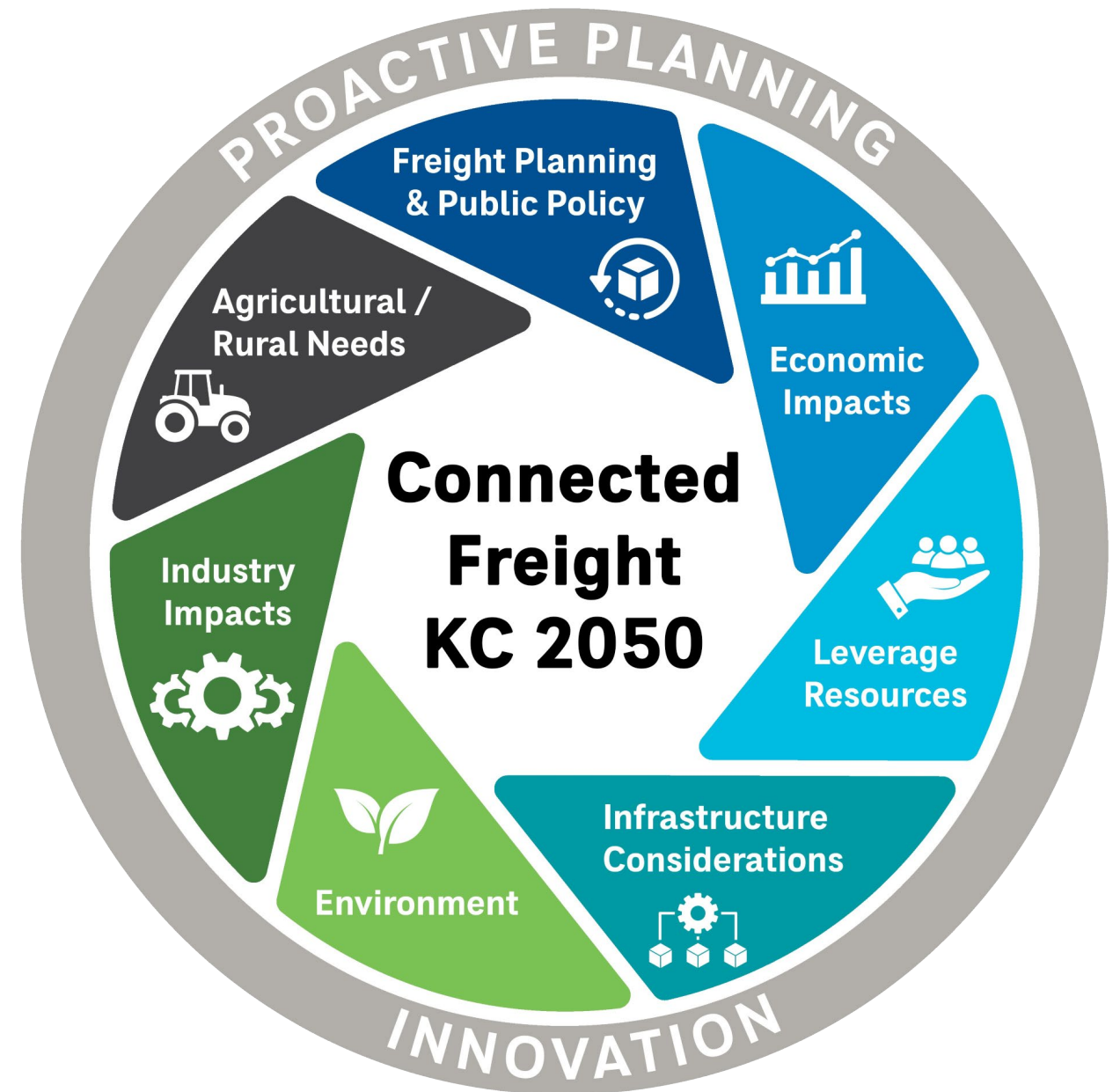
- The final plan will:
  - **Define** roles and responsibilities for planning agencies in regional, state, and national freight planning
  - **Integrate** proactive freight planning into the regional transportation planning process
  - **Support** regional, state, and federal freight goals and objectives





# Proactive Planning

- On-going and iterative
- Freight planning and public policy
- Economic impacts
- Agricultural and rural needs
- Leveraging resources
- Infrastructure considerations
- Environment
- Industry impacts





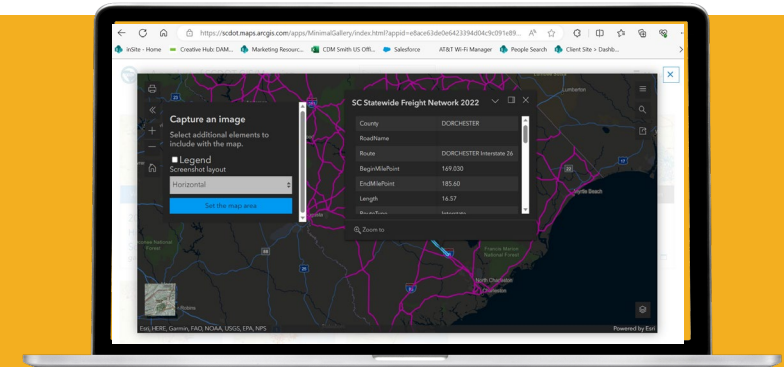
# Project Content

# PHASE 1: THE SITUATION TODAY

Integrating land use,  
economic & freight  
decisions

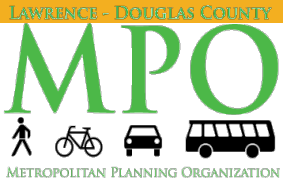
Engaging Private  
Sectors

Local Routing & First-  
Last Mile Strategies



# PHASE 2: PROACTIVE PLANNING

Leverage MARC-  
LDCMPO- PTRPC  
Partnership



Establish a  
Proactive Freight  
Planning Process



Preservation and  
improvement of  
the MMFN



Convey freight  
industry growth to  
economic success

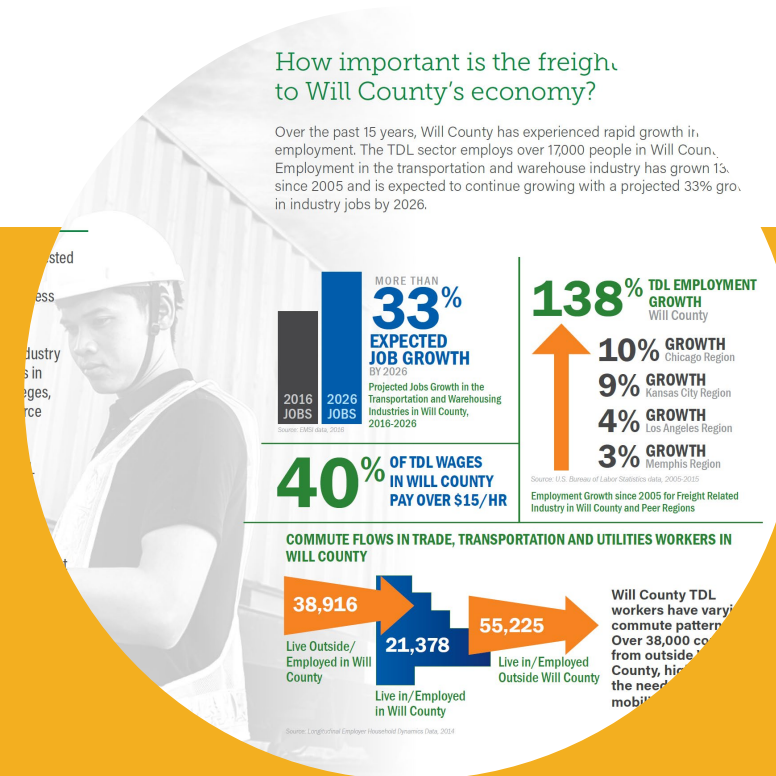
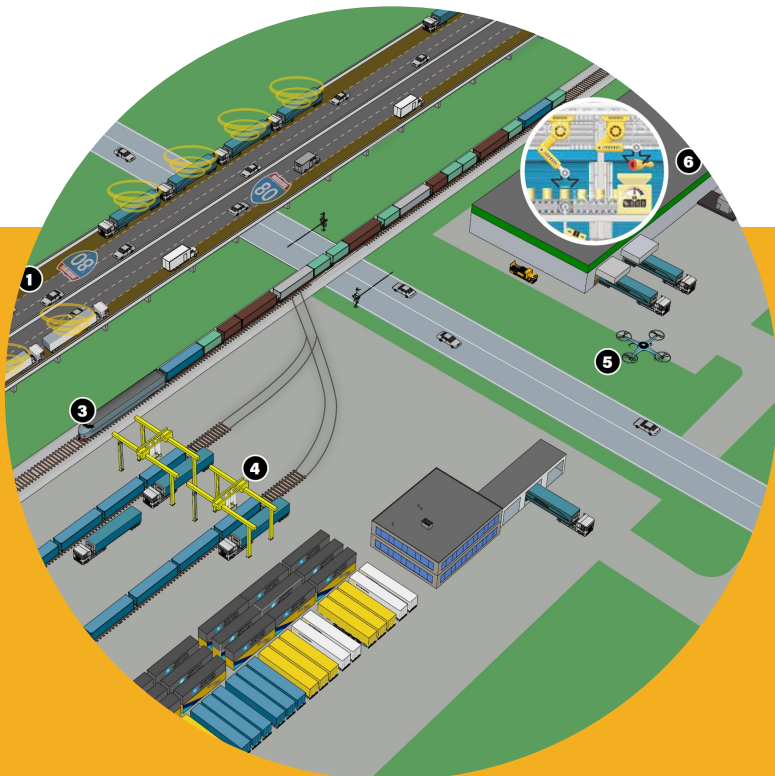


# PHASE 3: FUTURE FREIGHT INDUSTRY TRENDS

## Technology impacts to freight planning

## Freight Planning Management Strategies

## Workforce Analysis & Truck Parking





# What we have done

# Stakeholder Engagement

- MAC Goods Movements and Total Transportation Policy Committees
- Smartport KC
- PortKC
- Pioneer Trails Regional Planning Area, e.g. trucking and economic development
- Kansas City Industrial Council
- Lawrence-Douglas County Food Policy Council
- Kansas City International Airport
- Canadian-Pacific Kansas City Southern Railroad
- MARC Sustainable Places Policy Committee
- Owner-Operated Independent Drivers Association
- Economic development groups, e.g. EDCKC, HEDC, and Sedalia-Pettis County
- Lawrence Douglas County business and industry representatives



# Freight Industrial Regional Economic Impacts

- The freight industry itself supports more than 100,000 regional jobs. Transportation and warehousing in 2019 accounted for approximately 65,000 jobs and attributed to \$6 billion in regional gross domestic product (GDP). Tonnage is increasing.

## 2020 and 2045 Tonnage and Value of All KC Region Freight

### All Modes & Commodities (1)

Origin from region	Tons		Value	
	2020	2045	2020	2045
Kansas	45,012,000	72,901,000	\$75,659,000,000	\$106,881,000,000
Missouri	50,495,000	60,975,000	\$68,647,000,000	\$96,059,000,000
<b>TOTAL</b>	<b>95,507,000</b>	<b>133,876,000</b>	<b>\$144,306,000,000</b>	<b>\$202,940,000,000</b>

Destined to the region	Tons		Value	
	2020	2045	2020	2045
Kansas	53,047,000	75,792,000	\$65,353,000,000	\$103,654,000,000
Missouri	55,274,000	77,991,000	\$82,875,000,000	\$132,958,000,000
<b>TOTAL</b>	<b>108,321,000</b>	<b>153,783,000</b>	<b>\$148,228,000,000</b>	<b>\$236,612,000,000</b>





# Scenarios to Explore with the Toolbox

- **Baseline:** Similar to “business as usual”.
- **Wild Wild West:** What happens when economic development, technology and logistics growth are unchecked by regulations, land use, economics, minimal decarbonization policies---everything is possible.
- **Shifting Patterns:** Consumer expectations are high, decarbonization policies, logistic patterns change, redefining modal collaborations and partnerships, scale matters (size and area coverage), last mile partnerships, “just in time” is it a thing of the past or part of the future.
  - Fair description of status quo
  - Should include the "Amazon Effect“
- **Show Me:** Another pandemic, recession returns, shortages in manpower, cost increase, markets decrease, stringent decarbonization policies, supply chain bottlenecks.



**Winter to  
Fall 2024**

**Phase 01:  
The Situation  
Today**

- Detailed analyses of existing conditions
- Stakeholder meetings
- Opinion survey
- GMC and TTPC meetings

**Fall 2024  
to Winter  
2025**

**Phase 02:  
Proactive Planning  
Scenarios**

- Scenarios development and workshop
- Stakeholder meetings (as needed)
- GMC and TTPC meetings

**Winter to  
Spring 2025**

**Phase 03:  
Future Freight  
Trends**

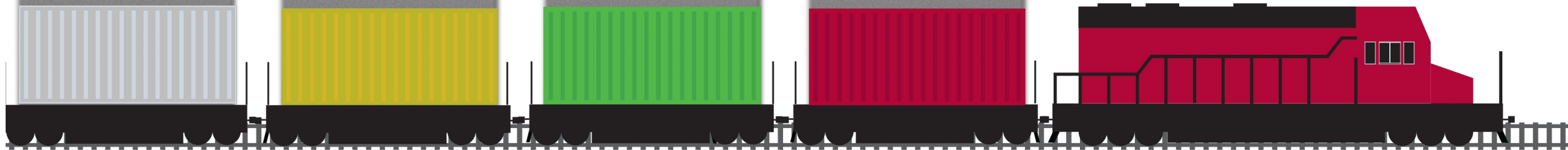
- Topic-based guidance, best practices, and outcomes
- Stakeholder meetings (as needed)
- GMC and TTPC meetings

**Spring  
2025**

**Phase 04:  
Recommendations**

- Draft and final plans
- Stakeholder meetings (as needed)
- Public meeting
- GMC and TTPC meetings

# Process & Schedule



# Discussion

# Discussion

- Beyond consumer demand, what drives air cargo?
- As the demand for air cargo increases, what airfield improvements and transportation connections to them are needed?
- We have heard that there should be more diversification in the movement of freight:
  - Are there opportunities for connecting air cargo to trucks or rail?
  - If so, what/where?
- What industrial developments are on the horizon that will impact the future of air cargo?
- How has air cargo impacted passenger carriers?
- Stakeholders have said resiliency is important for goods movement:
  - On a scale of 1 (very low) to 10 (very high), how resilient is the movement of air cargo in the region? Why?
- If you could improve one thing about air cargo, what would it be?
- What should be the role(s) of MARC's Aviation Committee concerning air cargo?



Thank you!  
[bit.ly/ConnectedFreight-2050](https://bit.ly/ConnectedFreight-2050)

**Cy Splichal**, MARC Transportation Planner  
816-701-8231 or [Csplichal@marc.org](mailto:Csplichal@marc.org)

**Davonna C. Moore-Edeh**, CDM Smith Project Manager 816-412-3131 or [mooredc@cdmsmith.com](mailto:mooredc@cdmsmith.com)

## **Item #5 – 2025 Workplan & Committee Structure**

**Presenter: Cy Splichal**

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## **MARC Committee Structure**

MARC is currently assessing the structure of its policy, programming, and planning committees to identify the following items:

- Is simplification of committee structure desired?
- Combine duplicative efforts into fewer committees?
- Interest in more predictable, substantive, full body of work for various committees?

MARC will work with transportation committees and regional leadership to develop recommendations on potential structure changes.

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## **Aviation Advisory Bylaws**

Developed and approved in 2017, the AAC Bylaws establish:

- Purpose
  - Membership
  - Subcommittees
  - Adoption and Amendments
-



## **Aviation Advisory Bylaws**

### *Membership*

TTPC Members - **6**

State DOTs - **2**

FAA (Non-Voting) - **1**

City/County Technical Staff - **10**

Others - **3**

**TOTAL - 22**

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## **Aviation Advisory Bylaws**

### *Committee Structure*

Should all regional airports be allowed one (1) member?

Are bi-monthly meetings too frequent? Quarterly?

Should a quorum be greater than five (5)?

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## **Aviation Advisory Bylaws**

### *Committee Structure*

MARC staff will work with co-chairs to develop the AAC's role.

Propose amendments as part of broader committee restructuring in Summer 2025.

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## **2025 Workplan**

What items do you want to work on/discuss in 2025?

- World Cup planning coordination
  - DOT and FAA Updates
  - Reports on regional multi-modal projects
  - Updates to Regional Airports System Plan
-

## **Cy Splichal**

Transportation Planner

[csplichal@marc.org](mailto:csplichal@marc.org)

816.701.8231

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## **Item #6 – Airport Roundtable & DOT Updates**

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## **Item #7 – Adjournment**

### **Next Meeting:**

**Thursday, May 8<sup>th</sup>, 2025**

**1:30 PM – 3:00 PM**

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