

Total Transportation Policy Committee meeting

May 20, 2025



Welcome and 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.
- Turn on your cameras when speaking to the group.
- Type questions in the chat box.



VOTE: April 15, 2025, Meeting Summary



VOTE: 2025 Missouri Unfunded Needs

Presenter: Martin Rivarola, MARC

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
 - ► Update prior year's work: www.modot.org/unfundedneeds
 - ► Update project estimated cost, scope and project limits
 - ▶ Remove if project already funded or no longer priority
 - ► Add new projects to be considered for 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

► 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	
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Note: +/- 10% of project cost target allowed by MoDOT within each tier and in overall list of projects

► Committee review process:

MARC Committee	Dates of Review
Aviation Committee	March 13
Goods Movement	April 1
Transit Technical Team	April 11
MO STP Priorities Committee	Feb 11, March 11, April 8 & May 13
ATPC	February 12, May 14

Committee names and dates highlighted in BOLD reflect recommendations made by committee to the TTPC

Kansas City Region - DRAFT Missouri Road/Highway Unfunded Needs List (2025)

Tier 1

Project Name	2024 Cost	2025 Cost	Note #1:	Former Tier (2024)	MTP Score	MTP Priority
I-70 (435-470) - Corridor Improvements (partial)	\$100,000,000	\$100,000,000	Stay in current Tier from 2024	1	101	High

Tier 1 Target	Total Tier	% Over / Under Target
\$95,000,000	\$100,000,000	5%

Kansas City Region - DRAFT Missouri Road/Highway Unfunded Needs List (2025)

Tier 2

Project Name	2024 Cost	2025 Cost	Note #1	Former Tier (2024)	MTP Score	MTP Priority
US71 - Safety Improvements Across Bruce R. Watkins (Partial 1 of 2)	\$30,250,000	\$76,000,000	Split between Tier 2 and Tier 3 pending conclusion of PEL study. Up to \$31m from 30.25m & moved 50% of US71 Tier 3 costs to Tier 2	2	120	High
I-29 and I-35 Corridor from MO 210 to MO45 Along I-29 and MO 210 to I-435 along I-35	\$238,000,000	\$208,000,000	I-29/I-35 Corridor improvements - PEL priority segment 1	2	104	High
I-70 (435-470) - Corridor Improvements (partial)	\$90,000,000	\$90,000,000	Stay in current Tier from 2023	2	101	High
MO 291 (I-435 to NE 104th St) Corridor Improvements	\$50,340,000	\$40,00,000	Stay in current Tier from 2023	2	77	High
		Tier 2 Target: \$380m				

Tier 2 Target	Total Tier	% Over / Under Target
\$380,000,000	\$414,000,000	9%

Kansas City Region - DRAFT Missouri Road/Highway Unfunded Needs List (2025) Tier 3

Project Name	2024 Cost	2025 Cost	Note	Former Tier (2024)	MTP Score	MTP Priority
US-71-Safety Improvements Across Bruce R. Watkins (Partial 2 of 2)	\$90,750,000	\$45,000,000	Split between Tier 2 & Tier 3 pending conclusion of PEL study. 90,750,000 in 2024 and adjusted to \$90m. Moved 50% of this project costs to Tier 2	3	120	High
I-35 corridor improvements from NE of downtown loop (Independence Ave) to MO 210	\$96,600,000	\$96,600,000	I-29/I-35 Corridor improvements - PEL priority segment 2. Moved from Other Regional Priorities	N/A	104	High
I-70 and I-470 Interchange Improvement	\$80,000,000	\$90,000,000	Stay in current Tier from 2023	3	100	Rehabilitation
I-35 (I-435 to US 69) Corridor Improvements	\$60,500,000	\$61,000,000	Stay in current Tier from 2023	3	87	HIgh
MO 92 Hwy Improvements - Phase 2	\$25,000,000	\$25,000,000	Recategorized as Tier 3 project (formerly Tier 2) in 2024	3	20	Low
I-49 - Pavement Reconstruction from Blue Ridge Blvd to Mo 150	\$60,000,000	\$56,000,000	Recategorized as Tier 3 project (formerly Tier 2) in 2024	3	N/A	Rehabilitation
US 50 - Pavement Reconstruction from I-470 to Rte. RA	\$29,000,000	\$30,000,000	Stay in current Tier from 2023	3	N/A	Rehabilitation
Mo Rt FF - Slope repairs/stabilization from Mo Rt 9 to State maintenance ends	\$15,000,000	\$16,000,000	Stay in current Tier from 2023	3	N/A	Rehabilitation
Route AA/Waukomis Drive Complete Streets Reconstruction	\$8,800,000	\$ 8,800,000	Funded and removed from list. \$8m in 2024	3	149	Rehabilitation
Interstate 49/ Route 58 Interchange Enhancement Project	\$22,000,000	\$22,000,000	Funded and removed from list. \$22m in 2024	3	93	High

Tier 3 Target	Total Tier	% Over / Under Target
\$380,000,000	\$419,600,000	10%
All Tiers Target	Total Tier	% Over / Under Target
\$855,000,000	\$933,600,000	9.2%

Kansas City Region - DRAFT Missouri Road/Highway Unfunded Needs List (2025) Other Regional Priorities identified in 2024

Project Name	2024 Cost	Former Tier (2023)	Note	Former Tier (2023)	MTP Score	MTP Priority
I-435 at Parvin Rd	\$22,143,000	3	Formerly in Tier 3 list - moved to "other regional priorities"		N/A	N/A
US 169 corridor improvements form I- 29 to 68th Street	\$36,000,000	NEW	I-29/I-35 Corridor improvements - PEL priority segment 3		104	High
1-70 / Lefholz Interchange	37,500,000	NEW	Jackson County		84	Medium
I-470 Expansion Project (I-70 to US50)	\$140,000,000	NEW	Jackson County		75	Medium
Mo Rt 150 (Rt 291 to Smart Rd) Corridor improvements through Greenwood	\$25,000,000	NEW	Jackson County		73	Medium
Route D (Route 150 to Route 58)	\$50,000,000	NEW	Cass County		N/A	N/A
Mo Rt A - (Ray County - Mo Rt 10 north to County limit)	22	NEW	Ray County. Project funded and removed.		N/A	Rehabilitation
Interchange/ramp/signal improvements at commercial street in Harrisonville	\$ 1,500,000	NEW	Cass County. Project funded and removed.			

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

Multimodal project category	Combined project list	Committee review
Bike & pedestrian projects	\$62,171,600	BPAC and ATPC
Transit projects	71,850,000	Transit Technical Team
Freight and aviation projects	69,850,000	Goods Movement & Aviation Committees
Total Multimodal Unfunded Needs	203,871,600	
% over \$190M target	7.3%	

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/39 th St Enhanced Transit (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				
Total	\$71,850,000				

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
Greenwood Connector (Jackson County)	\$16,000,000
Missouri River North Trail (KC and NKC sections. Note: Riverside portion already funded)	\$13,000,000
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
Route 45 & I-435 - bike/ped accommodations	\$3,000,000
Grand Blvd - Riverfront pedestrian and bike bridge (KCMO)	\$8,000,000
Bridge Replacement Old 210 (Clay County, Missouri)	\$2,300,000
Total	\$62,171,600
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 Construct Air Traffic Control Tower (Lee's Summit airport) (\$7m in 2024)	11,000,000	\$12,000,000
Harrisonville Airport Improvements CONCTRUCT PARALLEL TAXIWAY Harrisonville Airport (\$3m) (\$3m in 2024)		\$4,000,000
Total		\$ 69,850,000

Next Steps

► Approval by TTPC and MARC Board of Directors (May)



VOTE: 2025 Special Amendment #1 to the 2024-28 Transportation Improvement Program

Presenter: Marc Hansen, MARC



REPORT: KC SmartPort Report

Presenter: Ron Achelpohl, MARC; Chris Gutierrez, KC SmartPort







18 COUNTIES | 50 CITIES | TWO STATES



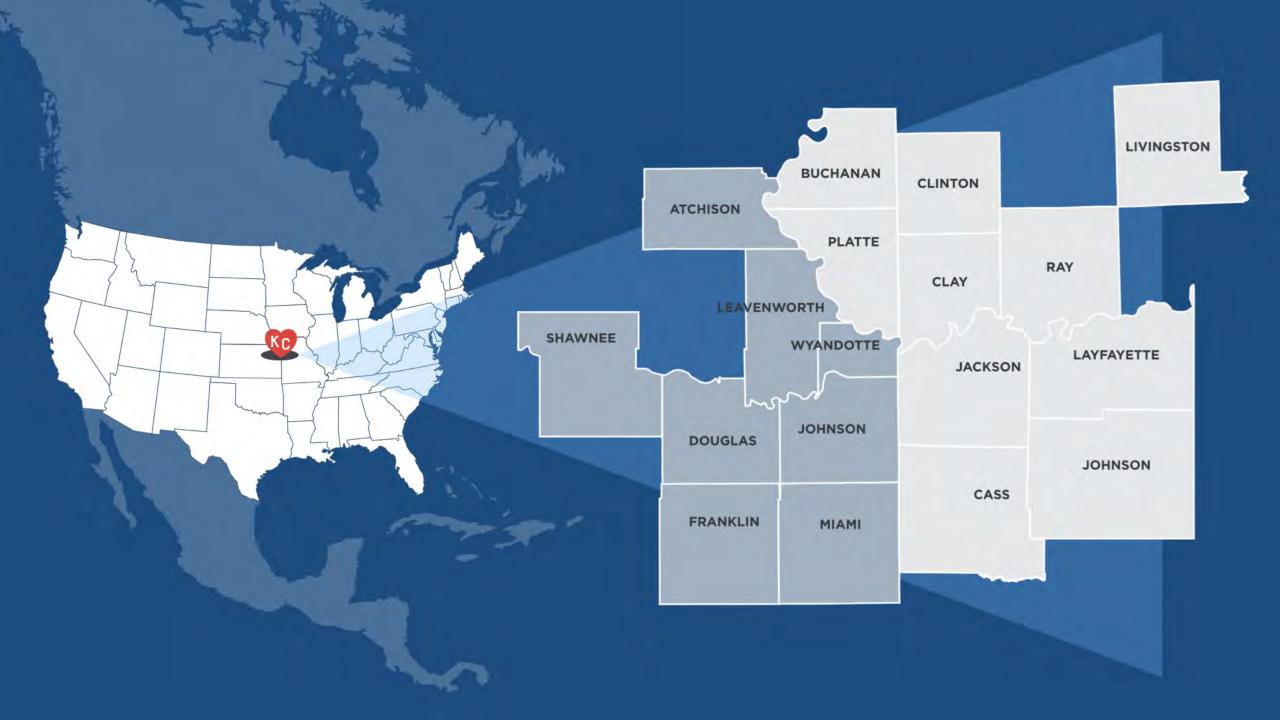






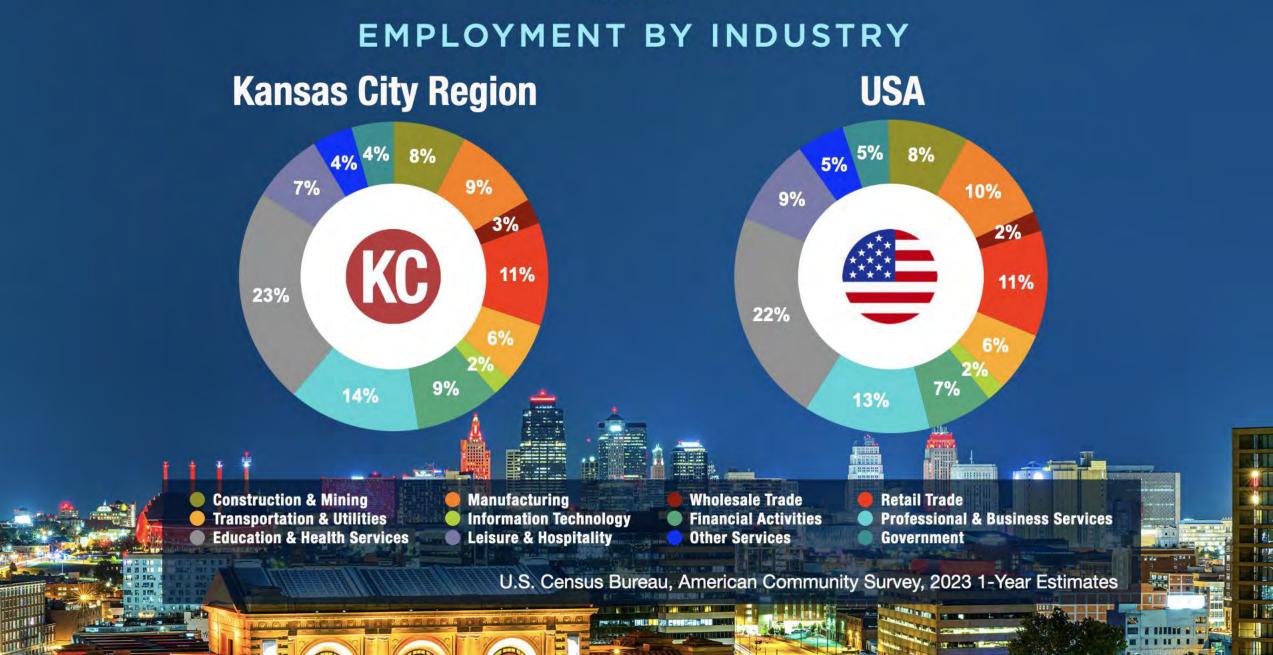














POPULATION

2,253,579

U.S. Census Bureau, Kansas City, MO-KS MSA Population Estimates, 2024

LABOR FORCE

1,199,561

4.3%





The KC Metro population increased by 58,291 between 2020 and 2024 growing faster than Boston, Chicago, Cincinnati, Minneapolis and Philadelphia.

U.S. Census Bureau, Population Estimates, 2020-2024





KC AREA POPULATION GROWTH | 2024-2040

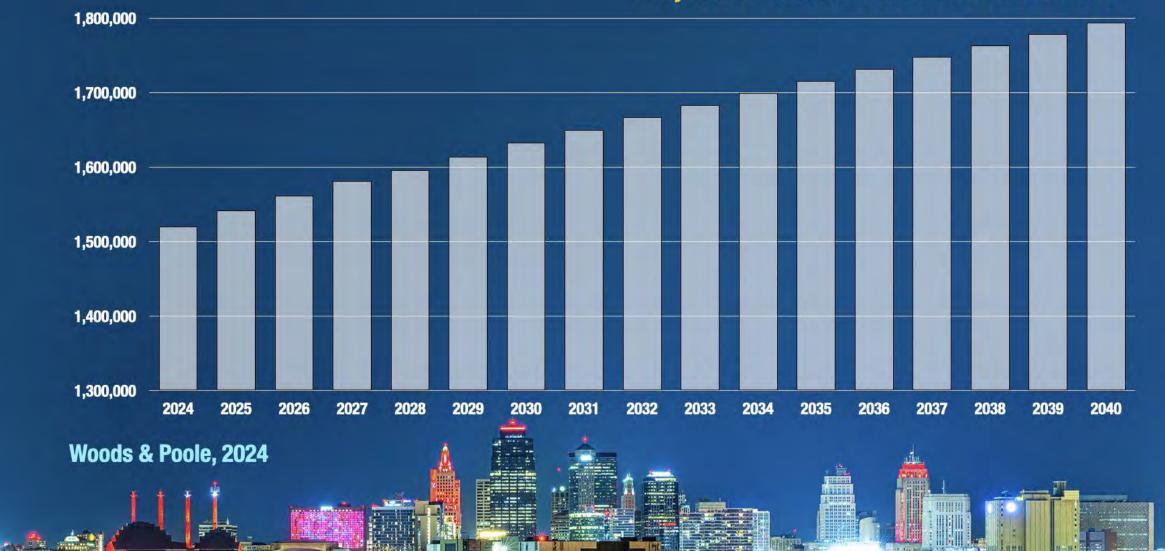
Projected 9.5% Growth from 2024-2040 All Ages





KC AREA EMPLOYMENT GROWTH | 2024-2040





























GARMIN.





























PLANNING





























CURRENT

CPKC



ORACLE



Bayer HealthCare



Quest























翻IRS



lek h-k



American Century

Investments



Hallmark













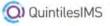














FDA U.S. FOOD & DRUG















One

Manufacturing + Logistics

Healthcare

Technology

Agriculture + Animal Health

A/E/C + Design







REGIONAL ECONOMIC DEVELOPMENT STRATEGIES











Industrial

Animal Health Architecture Engineering Construction Talent Attraction Culture (B2C)



90% of U.S. Population

can be reached in 1-2 business days **One**

MARKET ASSETS

FOUR Class 1 Rail Lines

LOW Operating Costs



Reliable
UTILITY
Capacity

Located on Largest Navigable

Highly educated & Skilled Workforce

Business-friendly
Foreign Trade Zone
Program

One

LABOR FORCE



1,210,153 WORKERS



28 UNIVERSITIES



36,552ANNUAL GRADUATES



#2 Auto Hub in the U.S.



World's Largest Concentration of Animal Health Companies



1 out of 10 Employed in Tech Sector



Largest
Labor Market
within 500
kilometer radius

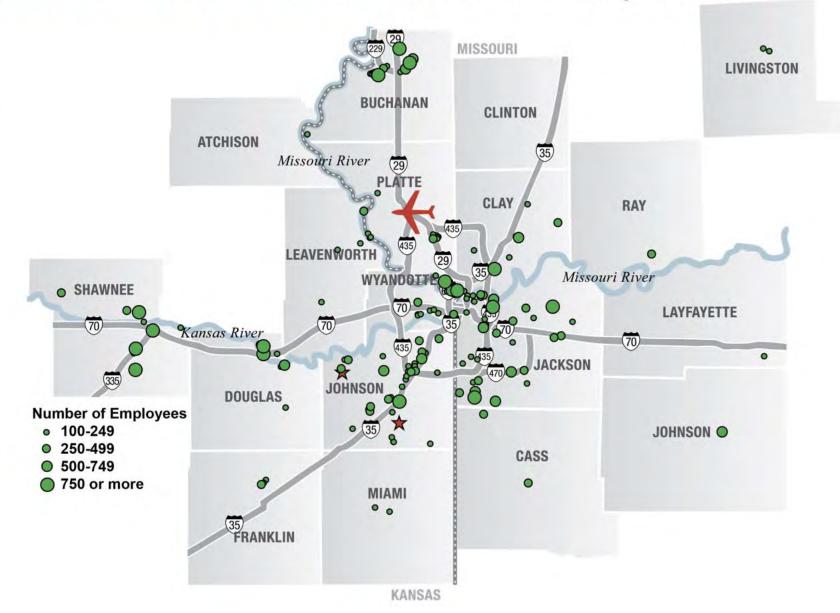


Manufacturing workers in KC are 21.3% more productive than U.S. average



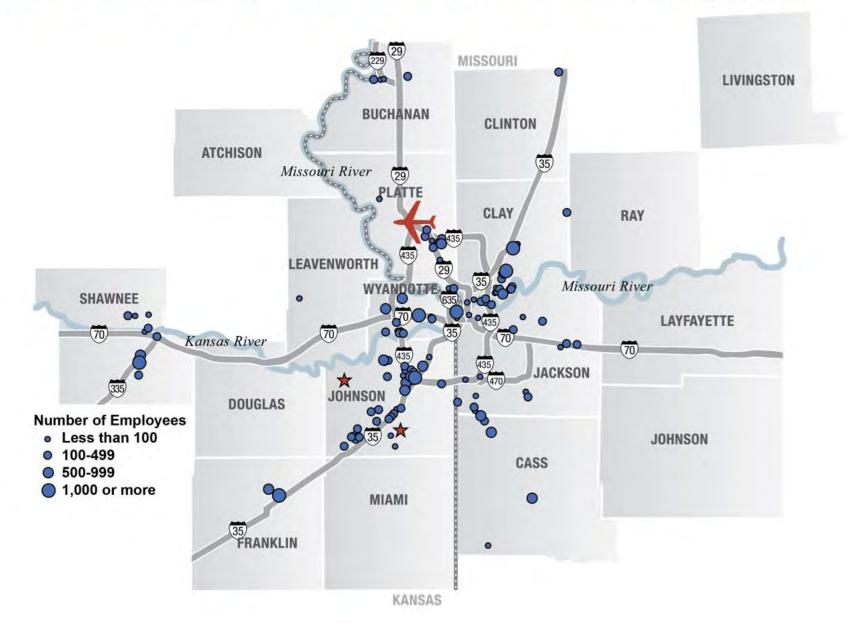


MANUFACTURING - Select Companies





One DISTRIBUTION/LOGISTICS - Select Companies







NATIONAL RESEARCH



RECOGNIZED AS KANSAS CITY

SURVEY OF 1,500 AVERAGE AMERICANS 65% HAVE NEVER VISITED KC

Southpaw Insights



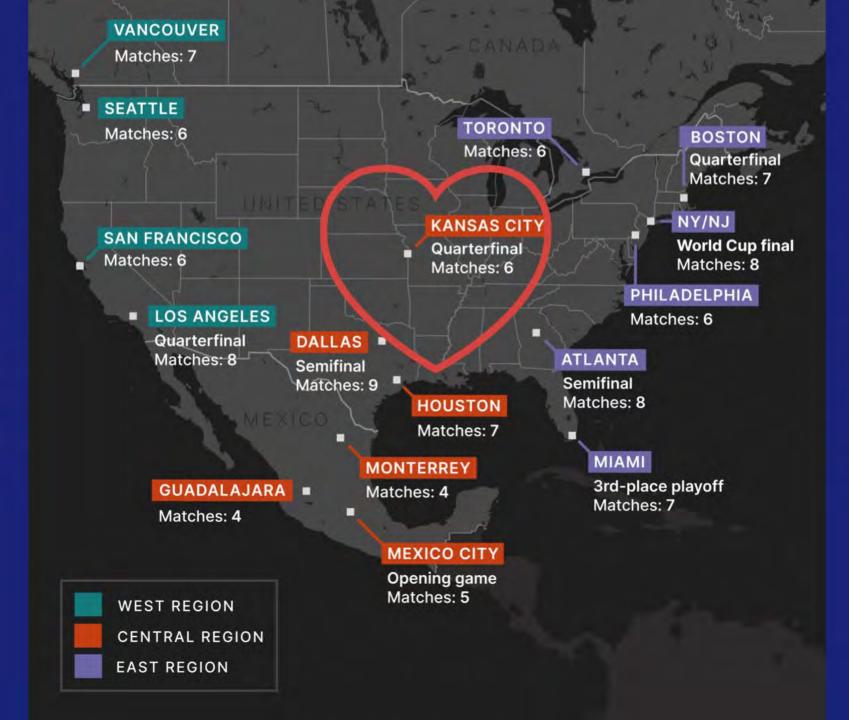
1st purpose-built stadium for women's professional sports





#KANSASCITY26











CHRIS GUTIERREZ

PRESIDENT KC SMARTPORT gutierrez@KCsmartport.com







Item #6

REPORT: Regional Freight Study update (Connected Freight KC 2050)

Presenter: Cy Splichal, MARC

Connected Freight KC Plan 2050 A Plan in Action

Total Transportation Policy Committee

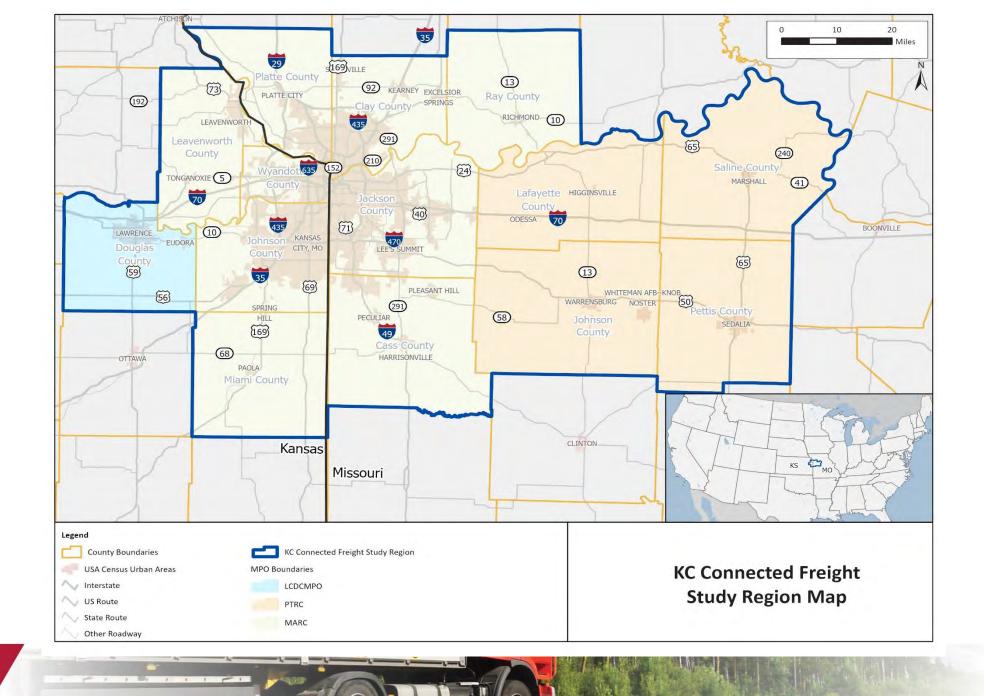
May 20, 2025 | Project Overview



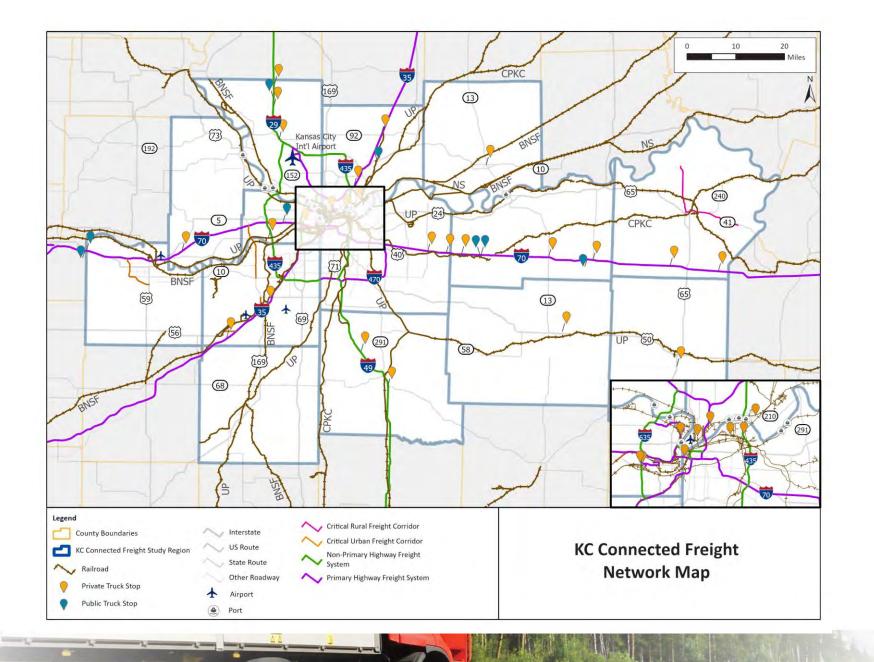




Study Region

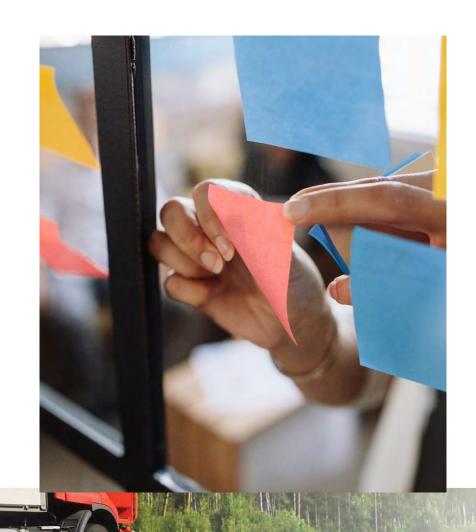


Network Map



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

- Iterative process that seeks opportunities to integrate freight planning into the overall transportation planning process.
- Anticipates future needs and challenges, ensuring that freight movement remains efficient and sustainable.
- Actively engage stakeholders, including private sector partners and the community in collaboration and innovation.



Plan Goals



Safety, Security and Resiliency

Maintenance and Service

Mobility and Reliability

Environment and Energy Conservation

Innovation

Phases of Work

The Situation Today

- Regional Freight Picture
- Infrastructure Assessment
- Farm to Market
- First/Last Mile

Proactive Planning

- Economic Impact
- Land-Use
- Complete Streets
- Scenario Planning

Future Trends

- System Resilience
- Industry Impacts
- Tariff Impacts
- Technology Trends
- Truck Parking

Recommendations for Regional Action

The freight study will provide recommendations to improve the freight system, including regional actions that address:

Responsibility assignments during disruption events

Workforce development strategies

Increasing truck parking in safe and efficient locations

Integration of freight system planning and land-use policies

Scenarios Workshops

Held in KC Metro Area, Sedalia, and Lawrence

Understand the effectiveness of tools in distinct freight situations

Baseline Wild Wild West Shifting Patterns Show Me

Other Stakeholder Engagement

MARC 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

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

Freight Study Public Meeting

May 28th, 2025 7:30am – 8:30am MARC Offices

Join us for a final public meeting, in collaboration with KC SmartPort. Coffee and light breakfast provided.

Thank you! bit.ly/ConnectedFreight-2050

Cy Splichal, MARC Transportation Planner 816-701-4240 or Csplichal@marc.org

Davonna C. Moore-Edeh, CDM Smith Project Manager 816-412-3131 or mooredc@cdmsmith.com





Item #7

REPORT: FY23 SS4A Comprehensive Safety Action Plan & SafeAcross

Presenter: Alicia Hunter, MARC; Mandy Buettgen-Quinn, SafeAcross



SAFE////SSACROSS

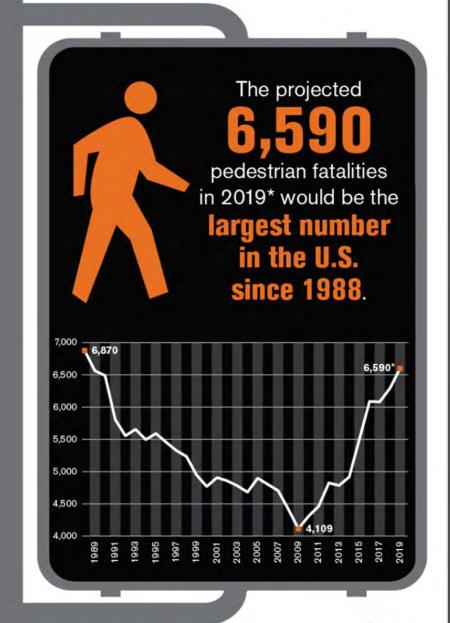
A Ready To Go
Pedestrian Safety
Initiative



Mandy Buettgen-Quinn
City of Springfield, MO
mbuettgen@springfieldmo.gov

NATIONALLY,

pedestrian fatalities have been increasing since 2009.





Crosswalk Compliance Study:

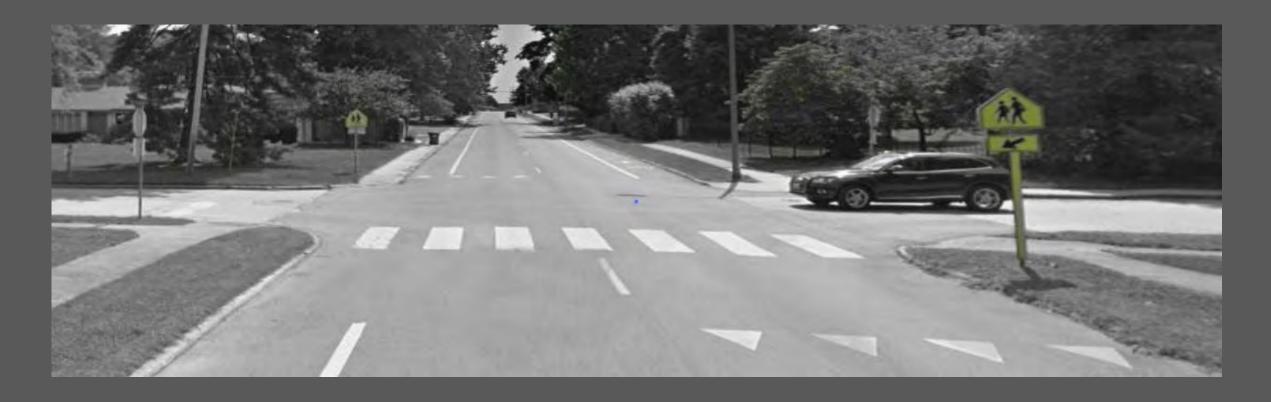
Our studies show that only about

1 in 4 drivers

Yielded to a pedestrian in a crosswalk.

HOW are pedestrian crashes happening?

About 50% involved a ped crossing midblock at random About 50% involved a driver failing to yield to pedestrian





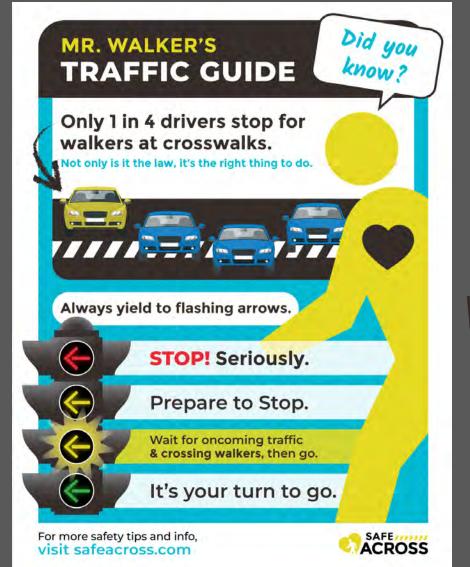
Mr. Walker

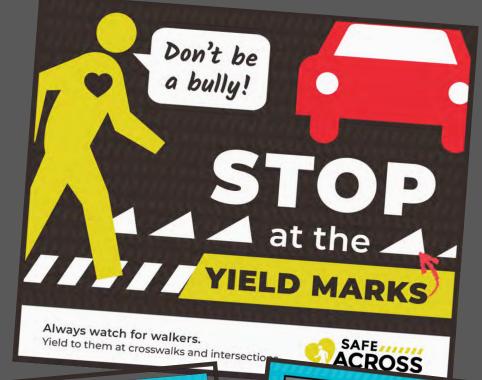


Heart Signs



Public Education









SAFE

ACROSS

Public Education - PSAs







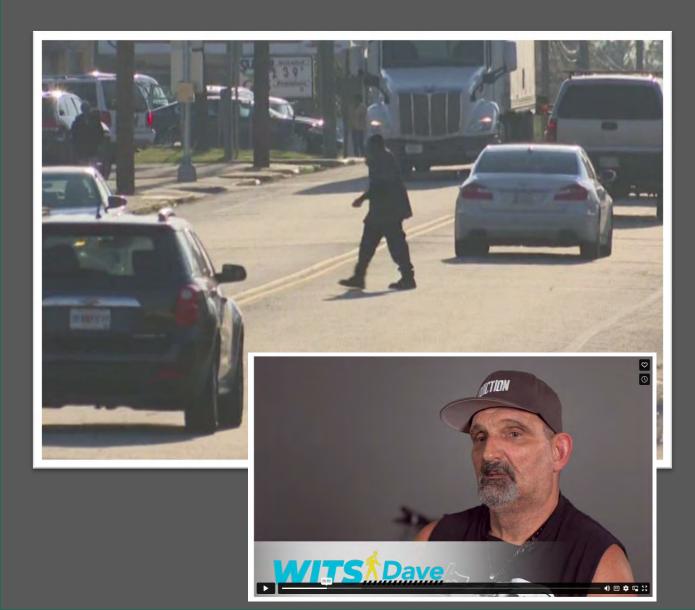
Public Education - Schools







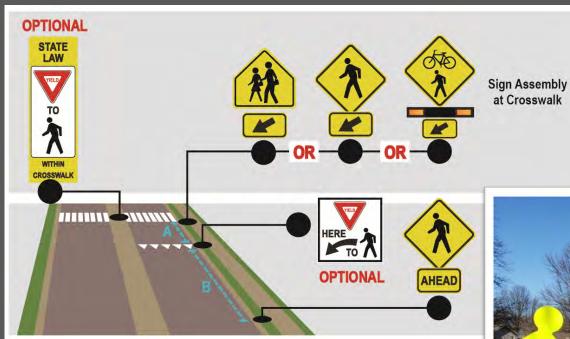
Equity: Use your WITS:







Engineering:





Striping & Signing
Crosswalk enhancements

RRFBs

HAWK



PRESS the BUTTON

to cross.

SGF N YIELDS PUSH BUTTON TO TURN ON WARNING LIGHTS





Evaluation:

X-Walk Compliance Studies

- => Site Evaluation
- => Potential Projects



FAR

Conducting the study – As tallying data collector

The **tally sheet** is broken up in "near side" and "far side" lanes. Depending on which side of the road the test pedestrian is standing, that changes. Since the Missouri crosswalk law only requires drivers to yield on the half of the street that the pedestrian is on, a two-lane road would be tallied slightly different than a 4-lane road with a median. This is explained in detail in the **Conducting a Crosswalk Compliance Study HOW** reference on-site. Both guides give examples of how to code different vehicle maneuvers. This includes and how to not aggravate drivers but make them feel appreciated if they yield.

Example TALLY SHEET



IMPLEMENTATION GUIDE | SAFEACROSS

Evaluation:

X-Walk Compliance Studies

=> Social Norming





OO%
of the time
drivers stopped
for walkers.

safeacross.com

<- Edit me!

Enforcement:





You have been given a warning!

- You failed to yield to a pedestrian crossing in the crosswalk.
- You crossed mid-block or failed to yield to traffic that had the right-of-way. Safety is a two-way street!

Area residents desire a community that is safe and pedestrian-friendly. Everyone needs to do their part!

As part of our community's SafeAcross pedestrian safety campaign, our local law enforcement is conducting "Yield Checks" to help remind drivers and pedestrians to watch out for each other and obey the rules. After a warning period, citations may be given out.

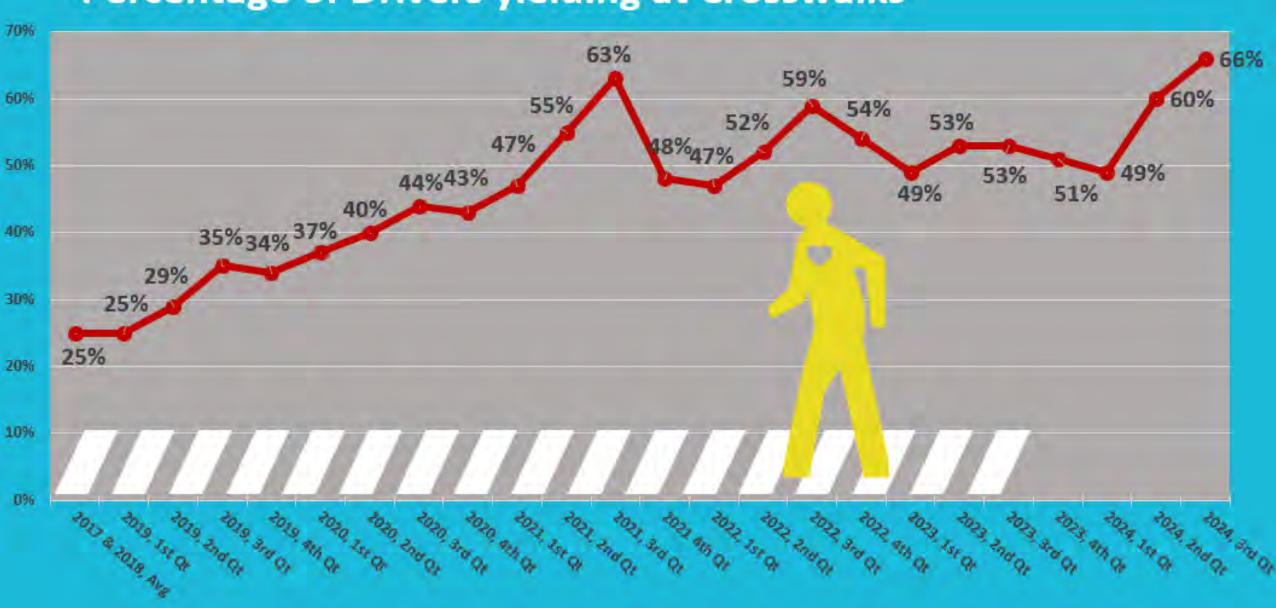
Please do your part and adjust your habits. Watch out for walkers and yield to them!

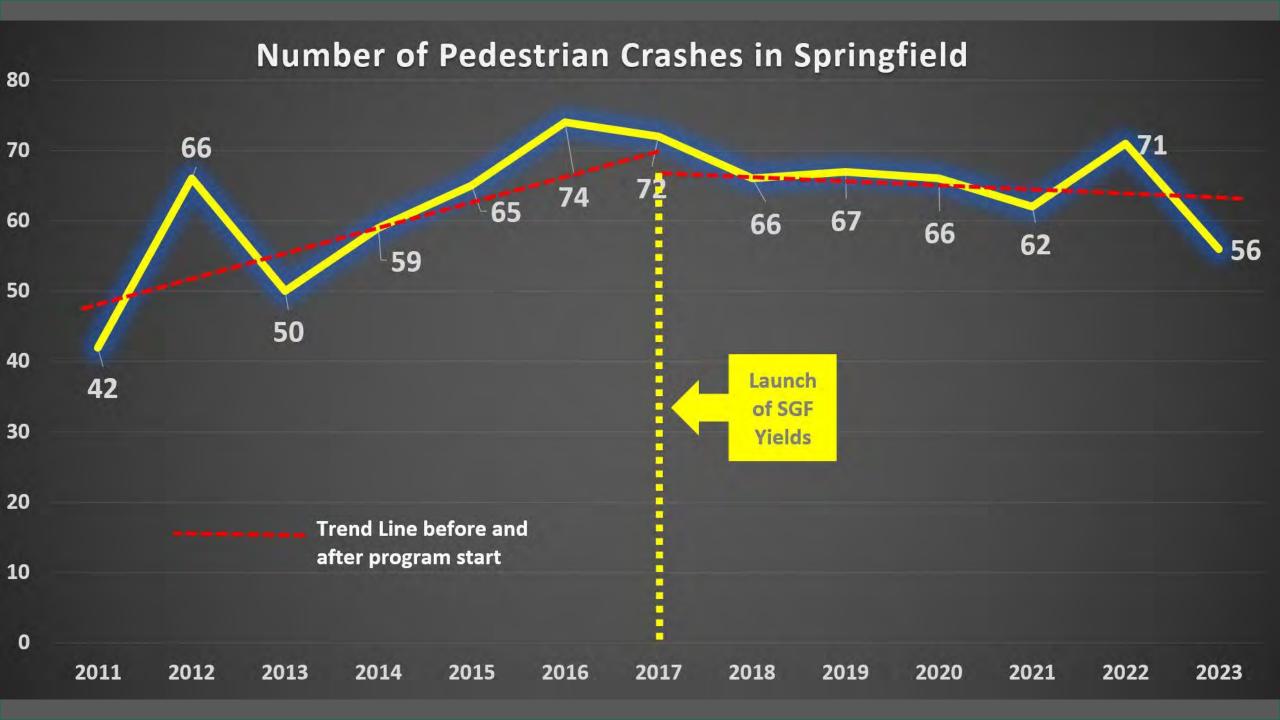
Learn more about code requirements on the back of this flyer.



For safety tips visit safeacross.com or follow us on facebook.

Percentage of Drivers yielding at Crosswalks







COSTS & STAFF TIME:

Print & digital resources listed above are available to Host Communities for free!

costs: A moderately-sized (150K) city should expect to invest around \$17,000 in program startup costs (10 statues, signage, printing, giveaways, etc.) in the first year.

About **\$4,000** should be anticipated for program maintenance each year thereafter.

* Grant opportunities may be available to support your community's participation!

STAFF TIME: After the initial kick-off phase, program staff should plan to dedicate around 5 hours per week to program needs.

mbuettgen@springfieldmo.gov

www.safeacross.com

www.facebook.com/sgfyields

www.springfieldmo.gov/sgfyields









Item #8

REPORT: Connected KC 2050 Plan Update – Final Outreach and Engagement Efforts

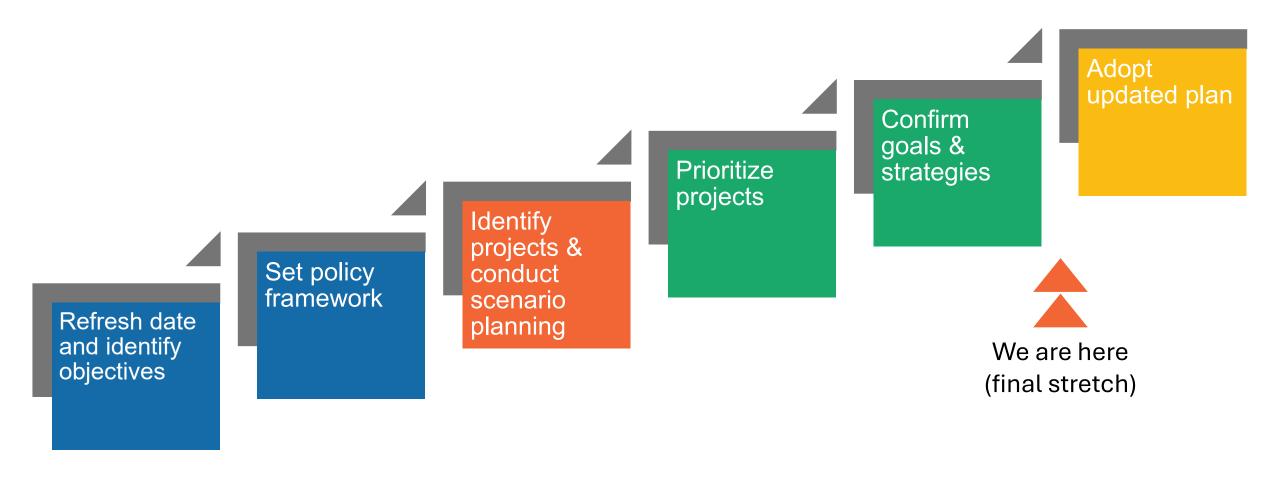
Presenter: Martin Rivarola, MARC



TTPC MAY 20, 2025

FINAL OUTREACH & ENGAGEMENT

UPDATE TIMELINE



Kick-off

Public Engagement & Outreach

PLAN WEBSITE



update.connectedkc.org

FINAL ROUND OF OUTREACH & ENGAGEMENT

- Public review and comment open April 16 through May 30
- Stakeholder engagement outreach to MARC & external stakeholder groups
- Website & social media advertise plan & comment form
- Two open houses/Office hours at MARC offices
 - Tuesday, May 20 11 a.m.–6 p.m.
 - Tuesday, May 27 11 a.m.–6 p.m.
- Outcomes will be summarized and reported to TTPC in June 2025

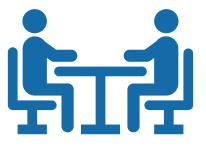
PUBLIC COMMENTS (RECEIVED)

- Draft plan includes "Community Impact Analysis" that assesses potential disparate impacts of plan investments and projects
- Analysis concludes that plan does not demonstrate disparate impacts
- Concerns expressed that this plan section may run afoul of current administration's policy interests
- MARC reviewing options to address this concern prior to potential plan approval in June 2025

WHAT'S NEXT?









Complete draft plan write up (1Q ~ 2Q 2025)



Release draft plan for public review and comment (April 2025)



Final round of public engagement (May 2025)



Approval by TTPC and MARC Board of Directors (June 2025)







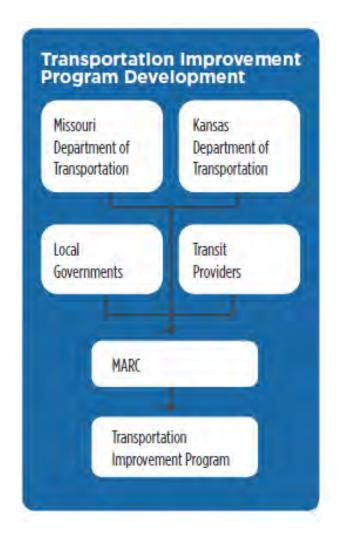
update.connectedkc.org



Item #9

REPORT: 2026-2030 Transportation Improvement Program

Presenter: Marc Hansen, MARC



TIP Fundamentals

- One of the core products of the MPO process
- Short-range capital planning document
 - ✓ Covers a five-year period
 - ✓ Similar to a local government CIP
- Developed cooperatively
 - ✓ Local Governments
 - ✓ States
 - ✓ Transit Operators
- Implements the policies & strategies of Connected KC 2050

TIP Contents

- Includes all surface transportation projects proposed to receive federal funding
- All regionally significant projects, regardless of funding source
- Project descriptive information
- Fiscally constrained financial plan
- Discussion of effect on performance targets



Connection to Connected KC 2050

- The 2026-2030 TIP will be consistent with CKC 2050
 - ✓ Project Selection Processes
 - ✓ Programmed Projects
- CKC 2050 will form the financial foundation of the 2026-2030 TIP
- Translate the vision of CKC 2050 into specific projects & investments

Next Steps

- Project sponsor updates of existing projects
- Submission of any new projects
- Project listing development and GIS creation
- Document development
- Financial Capacity analysis
- Performance Measure analysis

Approval Timeline

9/16/2025

10/21/2025

10/28/2025

TTPC release for public review and comment

TTPC review of comments and approval of TIP

MARC Board review of comments and approval of TIP

■ November 2025 Approval of TIP by Kansas, Missouri, and USDOT

Questions

Marc Hansen, AICP Principal Planner <u>mhansen@marc.org</u>



Item #10

Other Business

2025 Regional Assembly & Leadership Awards

Friday, June 13

11 a.m. to 1 p.m.

Sheraton Kansas City Hotel at Crown Center



REGISTER at MARC.org/RegionalAssembly



Item #11

Adjournment

Next meeting: Tuesday, June 17, 2025