

# **Total Transportation Policy Committee meeting**

May 16, 2023

Item #1

## **Welcome and introductions**

**Zoom attendees, please:**

- **Sign into the chat box to register your attendance.**
- **Mute your microphones unless speaking to the group.**
- **Turn on your cameras when speaking to the group.**
- **Type questions in the chat box.**

Item #2

## **VOTE: April 18, 2023, Meeting Summary**

Item #3

## **VOTE: Missouri Unfunded Needs**

Presenter: Martin Rivarola, MARC

# 2023 Missouri unfunded needs

- ▶ Request: Update *unfunded transportation needs* list
  - ▶ Complete work by June 30, 2023
- ▶ 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

# 2023 Missouri unfunded needs

- ▶ Validate and update 2022 project priorities
- ▶ Tier I road and bridge priority list
  - \$90M target
- ▶ Tier II road and bridge priority list
  - \$360M target
- ▶ Tier III road and bridge priority list
  - \$360M target
- ▶ Multimodal project priority list
  - \$180M target

# CONSIDERATIONS

Connected KC 2050 policy goals, overarching strategies and performance measures

Outcomes of prior prioritization process (2022)

MODOT district priorities

Connected KC 2050 current project lists

- Constrained list
- Illustrative list (high, medium and low priority projects)

# COMMITTEE REVIEW PROCESS

Timeline shifted and shortened from prior year's process

Planning committee review (March-May 2023)

Mo STP Priorities

Active Transportation Programming

Highway

Transit Coordinating Council Technical Team

Goods Movement

Bicycle Pedestrian Advisory

Aviation

Some but not all project costs were updated

Committee support to further prioritize certain road/bridge projects

Recent projects recently funded through Missouri legislative process

Has resulted in road/bridge priority lists which are out of balance



### Missouri Unfunded Needs Tier 1 Highway Priorities

Project Name	Cost	Score	Prioritization	MoDOT Priority	Note
I-70 (435-470) - Corridor Improvements (partial)	\$100,000,000	101	High	1	Stay in current Tier from 2022. Revised cost from \$139M
Tier 1 Total	\$100,000,000				

### Missouri Unfunded Needs Tier 2 Highway Priorities

Project Name	Cost	Score	Prioritization	MoDOT Priority	Note
Safety Improvements Across Bruce R. Watkins	\$110,000,000	120	High	2	Stay in current Tier from 2022
I-29 and I-35 Corridor Improvements	\$174,240,000	104	High	1	Stay in current Tier from 2022. Revise costs from \$158.4M
MO 291 (I-435 to Ash) Corridor Improvements	\$40,000,000	77	High	4	HW Cmte recommends moving project from prior Tier 3 to Tier 2 listing.
MO 92 Hwy Improvements - Phase 2	\$20,000,000	20	Low		Mo STP recommends moving this project from prior Tier 3 to Tier 2 listing.
Rte. D - Pavement Reconstruction from Ambassador Dr. to east of I-435	\$8,800,000	N/A	Rehabilitation	3	Stay in current Tier from 2022
I-49 - Pavement Reconstruction from Blue Ridge Blvd to 163rd St.	\$83,050,000	N/A	Rehabilitation	4	Stay in current Tier from 2022
Tier 2 Total	\$436,090,000				

## Missouri Unfunded Needs Tier 3 Highway Priorities

Project Name	Cost	MTP Score	MTP Prioritization	MoDOT Priority	Note
I-70 and I-470 Interchange Improvement	\$73,810,000	100	Rehabilitation	1	Stay in current Tier from 2022
Route AA/Waukomis Drive Complete Streets Reconstruction	\$8,000,000	149	Rehabilitation		Stay in current Tier from 2022
I-435 at Parvin Rd	\$20,130,000	N/A	N/A	7	Stay in current Tier from 2022
Interstate 49/ Route 58 Interchange Enhancement Project	\$20,000,000	93	High	5	Stay in current Tier from 2022
US 50 - Pavement Reconstruction from I-470 to Rte. RA	\$46,200,000	N/A	Rehabilitation	6	Stay in current Tier from 2022
<del>I-70 Capacity Project (MO 7 to Rt. F)*</del>	<del>\$100,000,000</del>	<del>77</del>	High	3	<b>Remove. Recently funded by Missouri legislature</b>
I-35 (I-435 to US 69) Corridor Improvements	\$67,100,000	87	High	2	Stay in current Tier from 2022
Tier 3 Total	\$235,240,000				



## Missouri Unfunded Needs - Multimodal (Freight)\*

Project	Cost
Independence Avenue Rail Bridge Construction (KCMO & Terminal RR)	\$20,000,000
Canadian Pacific RR grade-separated crossing (Birmingham Rd @ Holt Dr) (City of Liberty)	\$8,000,000
Missouri River Terminal/Woodswether port improvements (Port KC)	\$22,000,000
<del>Mexico City Ave Extension**</del>	<del>\$10,000,000**</del>
Total	\$50,000,000

\* Goods Movement Committee revised this list from prior 2022 list. Programmatic priorities have been replaced by these specific project priorities.

\*\*Goods Movement Committee recommends this project as a priority freight supportive project. However, MoDOT indicates that Roadway Projects are not eligible for multi-modal list. Given this project is not on Missouri system, it is also not eligible for Tier I/III road/bridge list'

Missouri Unfunded Needs - Multimodal (Transit)

Project/service route or program	Project / Program Cost
Interjurisdictional Transit Service Operations	\$36,000,000
Interjurisdictional Transit Capital Projects	\$36,000,000
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	
Total	\$72,000,000

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

Missouri Unfunded Needs - Multimodal (Bike/Ped)

Project	Cost
Strategic pedestrian safety improvements <i>(Includes but not limited to sections of Rt 78 in Independence from I-435 to MO-291, MO-7 in Blue Springs from Pink Hill Road to Mason School Road and US-69 in Kansas City from I-29 to I-35)</i>	\$25,000,000
Regional Bicycle Network - Cass County	\$5,775,000
Regional Bicycle Network - Jackson County	\$16,275,000
Regional Bicycle Network - Clay County	\$7,525,000
Regional Bicycle Network - Platte County	\$5,425,000
Total	\$60,000,000

Note: Protected bicycle facilities preferred for bicycle network improvements.



### Missouri Unfunded Needs - Multimodal (Aviation)\*\*\*

Project	Cost
RSA Grading and Erosion Control (Clay County general aviation airport)	\$2,400,000
Runway Lighting Rehabilitation (Excelsior Springs)	\$300,000
Northeast Side Development (Lee's Summit airport)	\$3,900,000
South Apron Expansion (Lee's Summit airport)	\$1,700,000
Construct Air Traffic Control Tower (Lee's Summit airport)	\$7,200,000
Construct Hangars (Harrisonville general aviation airport)	\$1,000,000
Total	\$16,500,000

# Next Steps



- ▶ Missouri STP Committee review and rebalance balance Tier 2 and Tier 3 highway priority projects
- ▶ TTPC and MARC Board review & consider approval of unfunded needs list in June 2023

Item #4

# **VOTE: Public Transportation Performance Measures**

Presenter: Selina Zapata Bur, MARC

- Transit Asset Management (TAM)
  - FTA measures performance within each asset category (Rolling Stock, Equipment, Facilities, and Infrastructure) at the asset class level. These measures represent the percentage of assets not in a state of good repair.
  - Measures include:
    - Percent of revenue vehicles exceeding Useful Life Benchmark (ULB)
    - Percent of non-revenue service vehicles exceeding ULB
    - Percent of facilities rated under 3.0 on the TERM scale
    - Percent of rail assets and other assets operating beyond ULB
- Public Transportation Agency Safety Plan (PTASP)
  - Measures apply separately to each mode (the modes in our region include bus, bus rapid transit, streetcar, paratransit, vanpool, microtransit, and other).
  - Measures include:
    - Number of Fatalities
    - Fatalities per 100,000 Vehicle Revenue Miles (VRM)
    - Number of Injuries
    - Injuries per 100,000 VRM
    - Safety Events
    - Safety Events per 100,000 VRM
    - System Reliability (VRM Between Failures)



- TAM and PTASP targets are reviewed annually.
- Transit agencies and state DOTs set their targets first.
- MPOs have 180 days after being provided with state DOT and transit agency targets to either adopt transit agency and state DOT targets or establish their own.
- MARC adopts their own targets for the Kansas City region to harmonize the different targets between the different transit providers in the region.
- For modes where only one transit agency operates in the region (such as streetcar), MARC staff recommends adopting the agency's targets.
- For modes that more than one transit agency operates in the region, staff have developed regional targets that accommodate all agencies' targets.

# Transit Asset Management Targets

Category	Class	Code	Target Description	KS Group Plan		MO Group Plan		KCATA/ RideKC		KC Streetcar		Metropolitan Planning Area	
				ULB	Target	ULB	Target	ULB	Target	ULB	Target	ULB	Target
Rolling Stock (revenue vehicles by mode)	Over-the-road buses	BR	% met or exceeded FTA Useful Life Benchmark (ULB)	14	25%	-	-	-	-	-	-	14	25%
	BRT/40-foot buses	BU		14	25%	14	45%	14	25%	-	-	14	25%
	30-foot buses	BU		-	-	-	-	12	25%	-	-	9	25%
	Cutaways	CU		10	25%	10	45%	10	25%	-	-	5	25%
	Vans	VN		8	25%	8	45%	5	25%	-	-	5	25%
	Minivans	MV		8	25%	8	45%	-	-	-	-	8	25%
	Automobiles	AO		8	-	8	45%	5	25%	-	-	5	25%
	Railcars	LR		-	-	-	-	-	-	25	0%	25	0%
	Ferry Boats			-	-	42	30%	-	-	-	-	42	30%
Equipment (non- revenue vehicles)	Vans	VN	% met or exceeded FTA Useful Life Benchmark (ULB)	8	75%	-	-	5	25%	-	-	5	25%
	Minivans	MV		8	75%	-	-	5	25%	-	-	5	25%
	Sport Utility Vehicles	SV		8	75%	-	-	5	25%	-	-	5	25%
	Automobiles	AO		8	75%	-	-	5	25%	-	-	5	25%
	Cutaway Bus	CU		10	-	-	-	7	25%	-	-	7	25%
Equipment (other over \$50,000)	Construction/ Maintenance		% Assets Operating Beyond ULB	-	-	-	-	7	25%	12	0%	7	25%
Infrastructure (rail)	Fixed Guideway		% Assets Operating Beyond ULB	-	-	-	-	-	-	25-50	0%	25-50	0%
	Systems			-	-	-	-	-	25	0%	25	0%	
	Power			-	-	-	-	-	30	0%	30	0%	
Facilities	Administrative	F-ADMIN	% with condition rating below 3.0 on FTA TERM scale	40	25%	-	30%	25-50	25%	40	0%	25-50	25%
	Maintenance	F-MAINT		40	25%	-	25%	25-50	25%	40	0%	25-50	25%
	Parking	F-PARK		40	25%	-	30%	25-50	25%	-	-	25-50	25%
	Passenger	F-PASS		40	25%	-	30%	25-50	25%	25	0%	25-50	25%

# Public Transportation Agency Safety Plan Targets

<b>Fixed Route Bus</b>	<b>KCATA</b>	<b>UG Transit</b>	<b>Inde Bus</b>	<b>MARC (staff proposal)</b>
Fatalities	0	0	0	0
Fatalities per 100k VRM	0	0	0	0
Injuries	24	1	2	27
Injuries per 100k VRM	0.42	0.17	1	1
Safety Events	0	4	2	6
Safety Events per 100K VRM	0	1.05	1	1.05
System Reliability (VRM between failures)	11,347	13,787	13,960	11,600

<b>Bus Rapid Transit</b>	<b>KCATA</b>	<b>MARC (staff proposal)</b>
Fatalities	0	0
Fatalities per 100k VRM	0	0
Injuries	0	0
Injuries per 100k VRM	0	0
Safety Events	0	0
Safety Events per 100K VRM	0	0
System Reliability (VRM between failures)	4,482	4,482

<b>Streetcar</b>	<b>KC Streetcar</b>	<b>MARC (staff proposal)</b>
Fatalities	0	0
Fatalities per 100k VRM	0	0
Injuries	2	2
Injuries per 100k VRM	0.0155	0.0155
Safety Events	3	3
Safety Events per 100K VRM	0.016	0.016
System Reliability (VRM between failures)	4,900	4,900

# Public Transportation Agency Safety Plan Targets

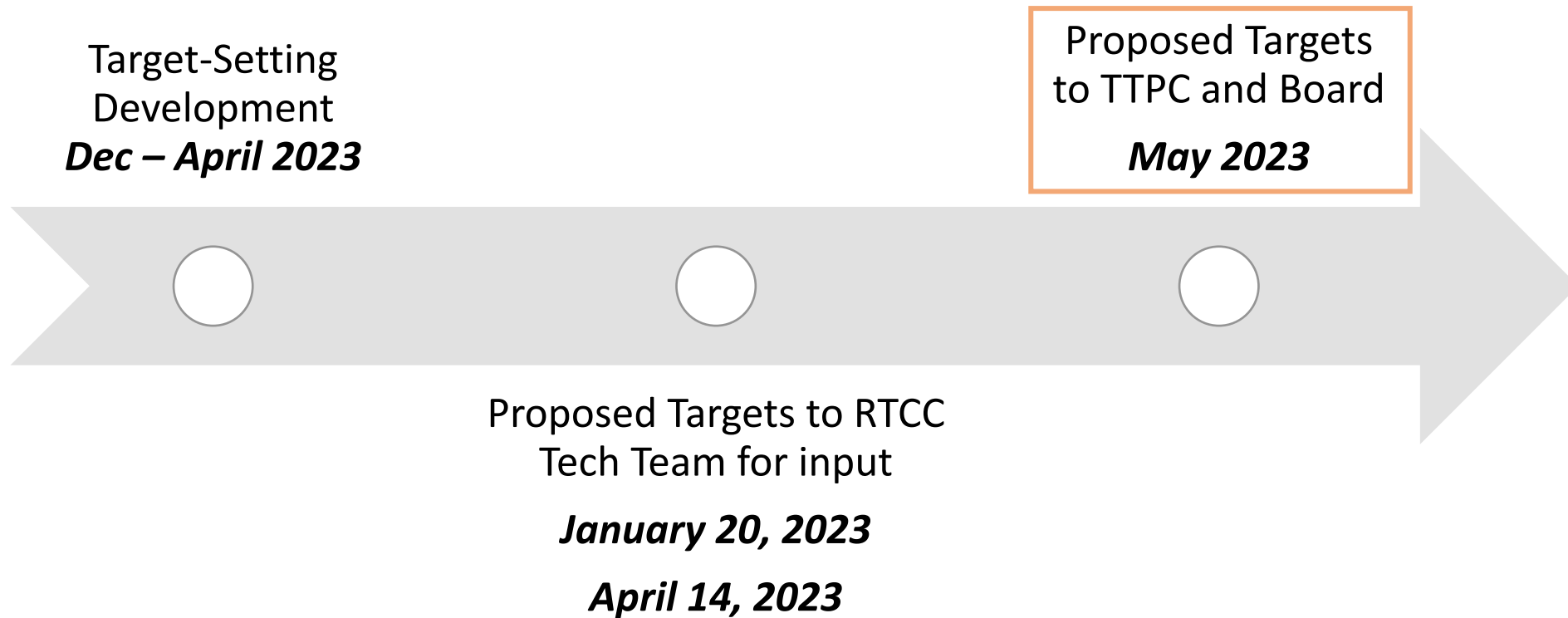
<b>Paratransit</b>	KCATA Direct	KCATA Purchased	UG Transit	MARC (staff proposal)
Fatalities	0	0	0	0
Fatalities per 100k VRM	0	0	0	0
Injuries	0	0	1	1
Injuries per 100k VRM	0	0	0.08	0.08
Safety Events	0	0	6	6
Safety Events per 100K VRM	0	0	1.99	1.99
System Reliability (VRM between failures)	8,685.75	42,484	12,358	31,300

<b>Microtransit</b>	UG Transit	KCATA Direct Response Taxi	MARC (staff proposal)
Fatalities	0	0	0
Fatalities per 100k VRM	0	0	0
Injuries	0	0	0
Injuries per 100k VRM	0	0	0
Safety Events	1	0	1
Safety Events per 100K VRM	0.57	0	0.57
System Reliability (VRM between failures)	18,513	7,840	8,300

<b>Vanpool</b>	KCATA	MARC (staff proposal)
Fatalities	0	0
Fatalities per 100k VRM	0	0
Injuries	0	0
Injuries per 100k VRM	0	0
Safety Events	0	0
Safety Events per 100K VRM	0	0
System Reliability (VRM between failures)	296,554	296,554

<b>Other</b>	UG Transit Meals on Wheels	MARC (staff proposal)
Fatalities	0	0
Fatalities per 100k VRM	0	0
Injuries	1	1
Injuries per 100k VRM	0.29	0.29
Safety Events	1	1
Safety Events per 100K VRM	0.57	0.57
System Reliability (VRM between failures)	17,682	17,682

# Target-Setting Process



***Questions?***

***Contact:***

***Selina Zapata Bur, [sbur@marc.org](mailto:sbur@marc.org)***

Item #5

## REPORT: I-29/I-35 Planning Environmental Linkages Study

*Slides not included due to file size. Please visit  
<https://www.modot.org/i-29i-35us-169-planning-and-environmental-linkages-pel-study>  
for more information.*

Presenter: Juan Yin, MoDOT

Item #6

# **REPORT: Regional Travel Modeling Program**

Presenter: Eileen Yang, MARC

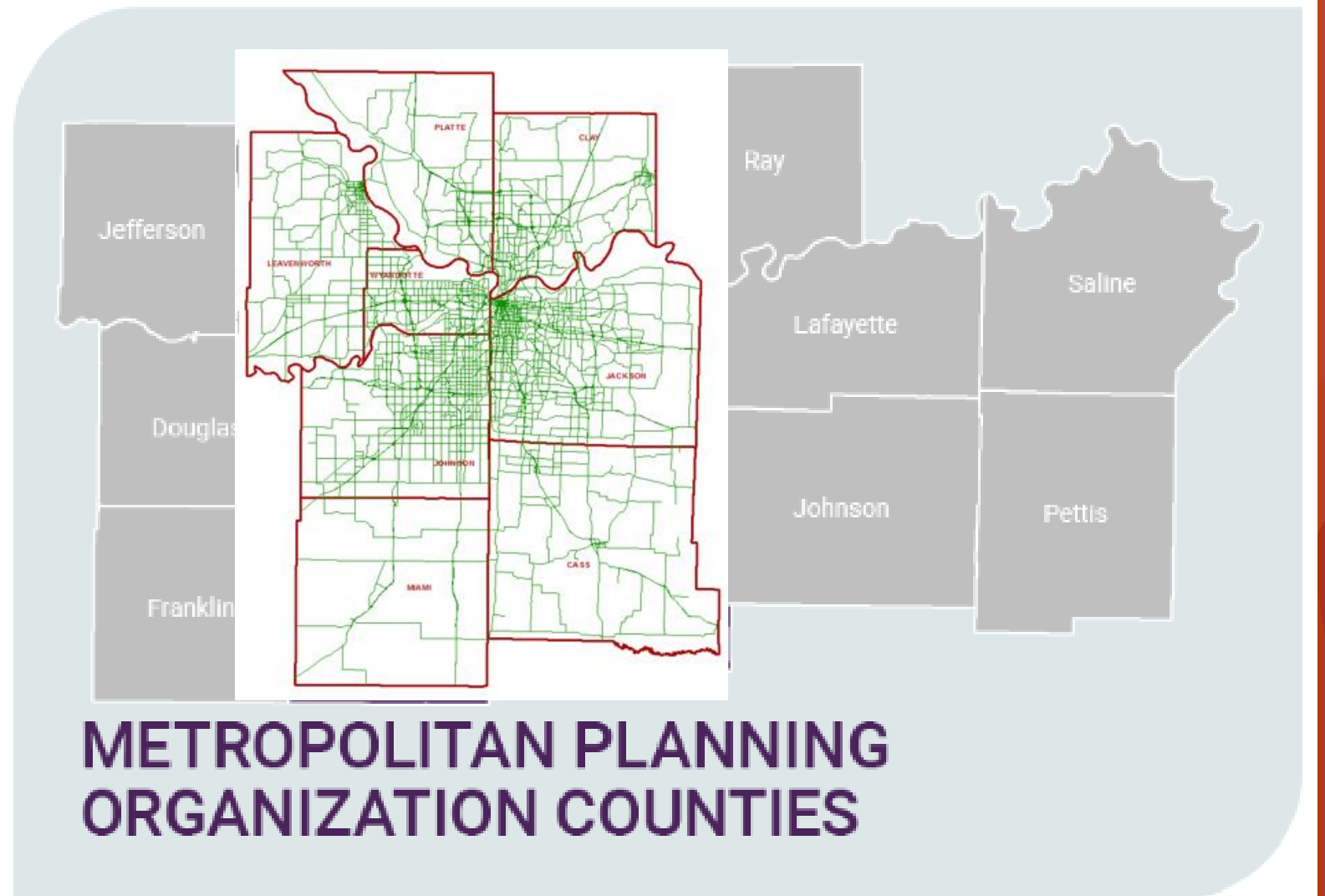


# Agenda

- ▶ Overview Of The MARC Travel Demand Forecast Model
- ▶ Model Updates
- ▶ Model Application
- ▶ MARC Model Data Request Program

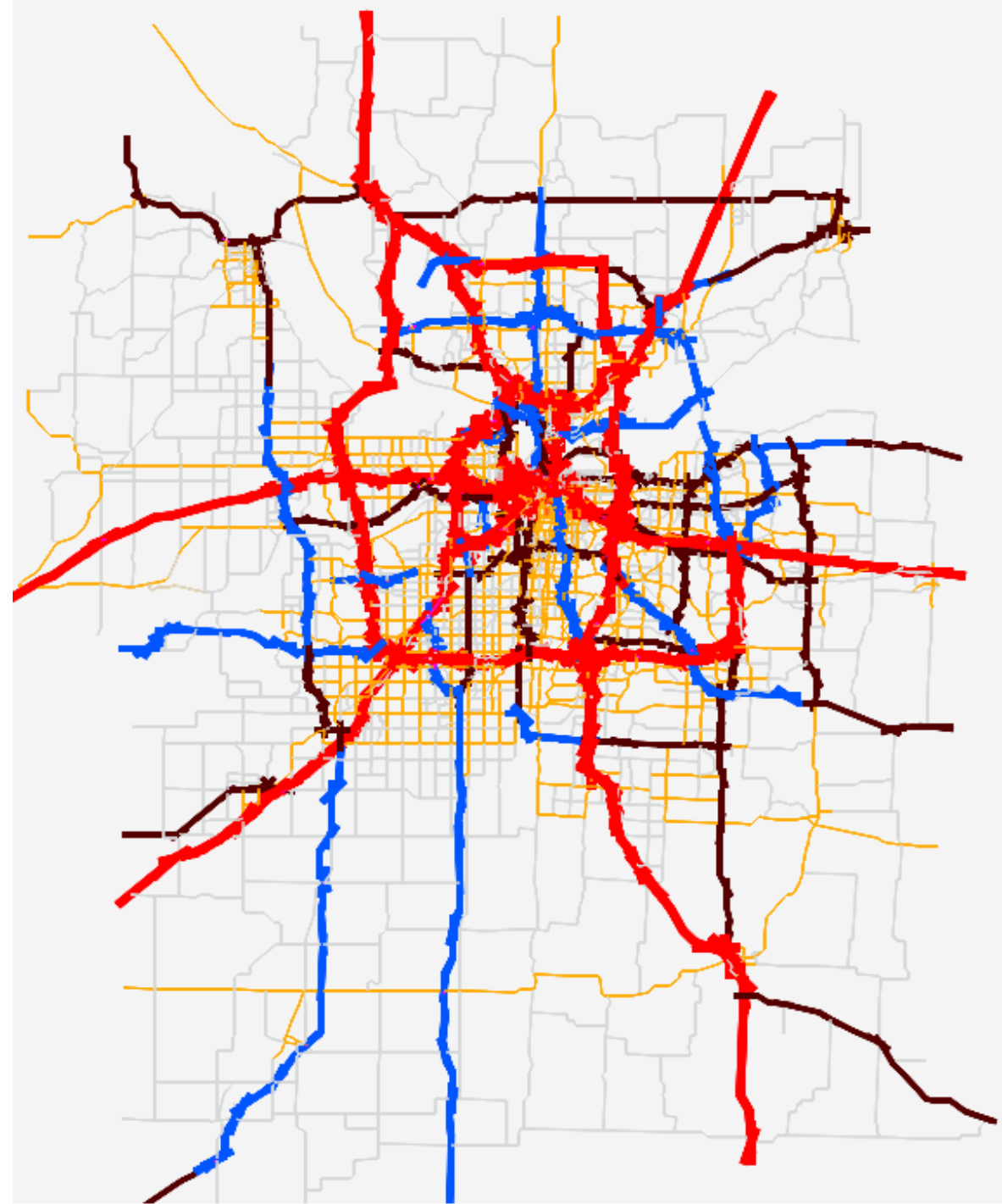
# Overview of the MARC travel demand model

- Bi-State, 8-County Metropolitan Area
- Four-step, Trip-based travel forecast model



## MARC Model - Roadway Networks

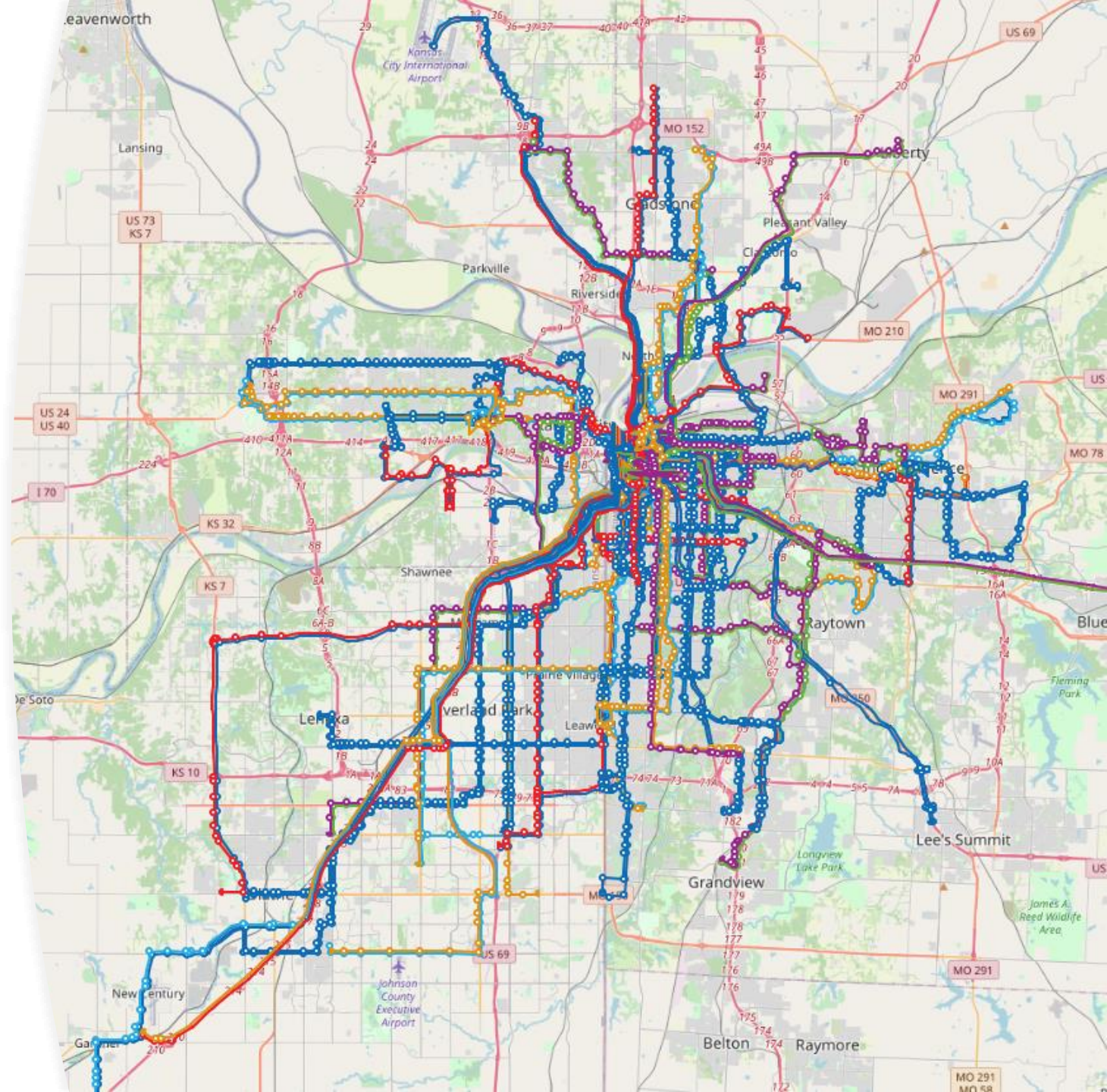
- ▶ Roadways classified as minor arterial and above
- ▶ Loaded network includes daily traffic volumes and the 24-hourly traffic as well
- ▶ Congestion measures such as VC ratio can also be provided





# MARC Model - Transit Networks

- ▶ Time Period: Peak and offpeak
- ▶ Access mode: Walk, KNR, and PNR
- ▶ Transit Mode: Local Bus  
Express Bus  
BRT  
Street Car
- ▶ **TNC Mode**



# Model Updates

- ▶ 2015 Basic 4-step Travel model
- ▶ 2019 Major improvements, Advanced trip-based travel model
  - Auto-availability model
  - Income and household size sub-models
  - Enhanced trip distribution procedures that include destination choice formulations
  - Time-of-day component that models 24 one-hour daily time slices
  - Inclusion of KCI Airport as a special generator
- ▶ 2023 MARC Model Version19
  - MARC Household Travel Survey
  - 2020 Census
  - Streetcar and TNC mode
- Continuing Improvements - Model on-call Service



# MARC Model Application

- ▶ Provide Traffic Forecast



- ▶ Metropolitan Long Rang Transportation Plan and Other Planning Process, TIP, PEL, EA, Corrido Study, etc.



A Model Future

... choices today can impact transportation tomorrow



# MARC Model Data Request Program

- ▶ MARC Model Data Request Program
- ▶ Who do we service?
  - KDOT,
  - MoDOT,
  - Cities,
  - Counties,
  - Consultants who work for them, and others
- ▶ Data request process

## Mid-America Regional Council Transportation Data Request Form

To request transportation data (i.e. traffic counts, multi-modal travel forecasts, air quality projections, functional classification maps, etc.) from the Mid-America Regional Council (MARC) please fill out the form below and submit it to [transdata@marc.org](mailto:transdata@marc.org) or fax it to 816-421-7758. The request must be submitted by the client agency.

Upon receiving the completed form, Eileen Yang or designee will reply with an email notice containing the approximate time frame of completion and the contact information of the staff member fulfilling your request. If you have any questions, please contact Eileen Yang at 816-701-8338.

### CITY/COUNTY/STATE CLIENT CONTACT INFORMATION

Name: [Click here and type project manager name]  
Title: [Click here and type title]  
Agency: [Click here and type agency name]  
Street Address: [Click here and type street address 1]  
[Click here and type street address 2]  
City/State/Zip: [Click here and type city, state, zip]  
E-mail: [Click here and type e-mail address]  
Telephone: [Click here and type telephone number]  
Fax: [Click here and type fax number]

### DATA REQUEST

Project: [Click here and type project name and brief description]  
Note: Please attach any relevant project description documentation  
Consultant Firm: [Click here and type consultant firm name, if being used]  
Consultant Contact: [Click here and type name of consultant project manager]  
Consultant Address: [Click here and type street address 1]  
[Click here and type street address 2]  
City/State/Zip: [Click here and type city, state, zip]  
Data Requested: [Click here and type a brief description of the requested data]  
Data Use for: [How you intend to use travel demand model data for this study]  
Study Duration: [Click Here and type the approximate duration of the study]  
Date: [Click here and type the projected date the data is needed]  
Reference Number: [For MARC staff Use]

# MARC Model Data Request Program

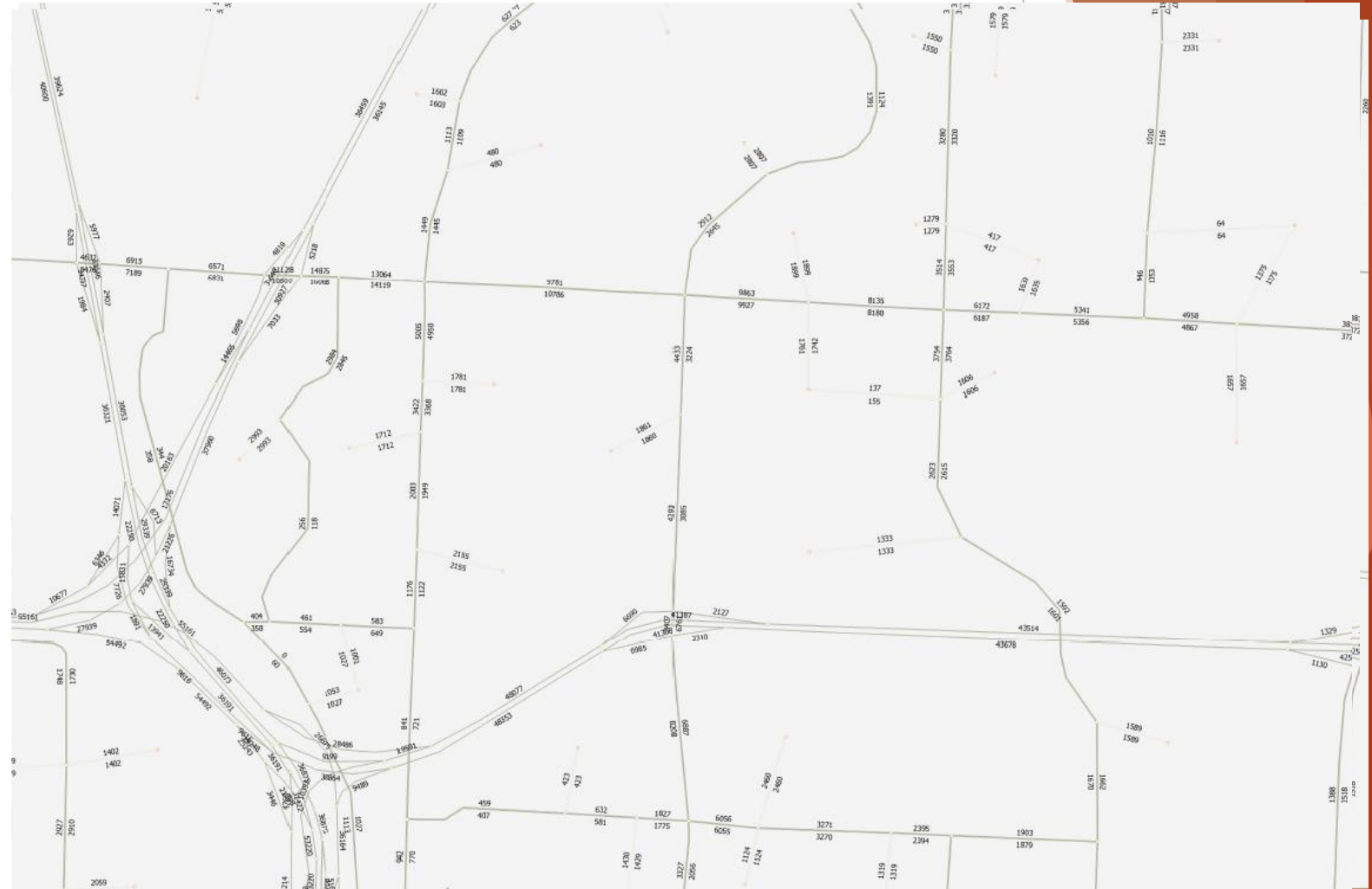
## ► KCMO - Bannister Rd. & Blue Ridge Blvd. Corridor Studies

### CITY/COUNTY/STATE CLIENT CONTACT INFORMATION

**Name:** Mario Vasquez, AICP  
**Title:** Project Manager  
**Agency:** KCMO Public Works (Neighborhoods)  
**Street Address:** 4721 Coal Mine Road  
Stanley Palmer Engineering Center  
**City/State/Zip:** Kansas City, MO 64130-2347  
**E-mail:** Mario.Vasquez@kcmo.org  
**Telephone:** 816.513.6984  
**Fax:** N/A

### DATA REQUEST

**Project:** KCMO - Bannister Rd. & Blue Ridge Blvd. Corridor Studies  
Note: Please attach any relevant project description documentation  
**Consultant Firm:** George Butler Associates, Inc. (GBA)  
**Consultant Contact:** David J. Mennenga, P.E., PTOE  
**Consultant Address:** 9801 Renner Boulevard  
One Renner Ridge, Suite 300  
**City/State/Zip:** Lenexa, KS 66219-9745  
**Data:** EMME/2 Model Projections (2016, 2020, 2030, 2040, 2050?)  
**Date:** 2/19/21  
**Study Duration:** October 2018 – December 2021(?)  
**Reference Number:** KCMO Contract No. 89060570 – DP – Bannister Rd Streetscape B





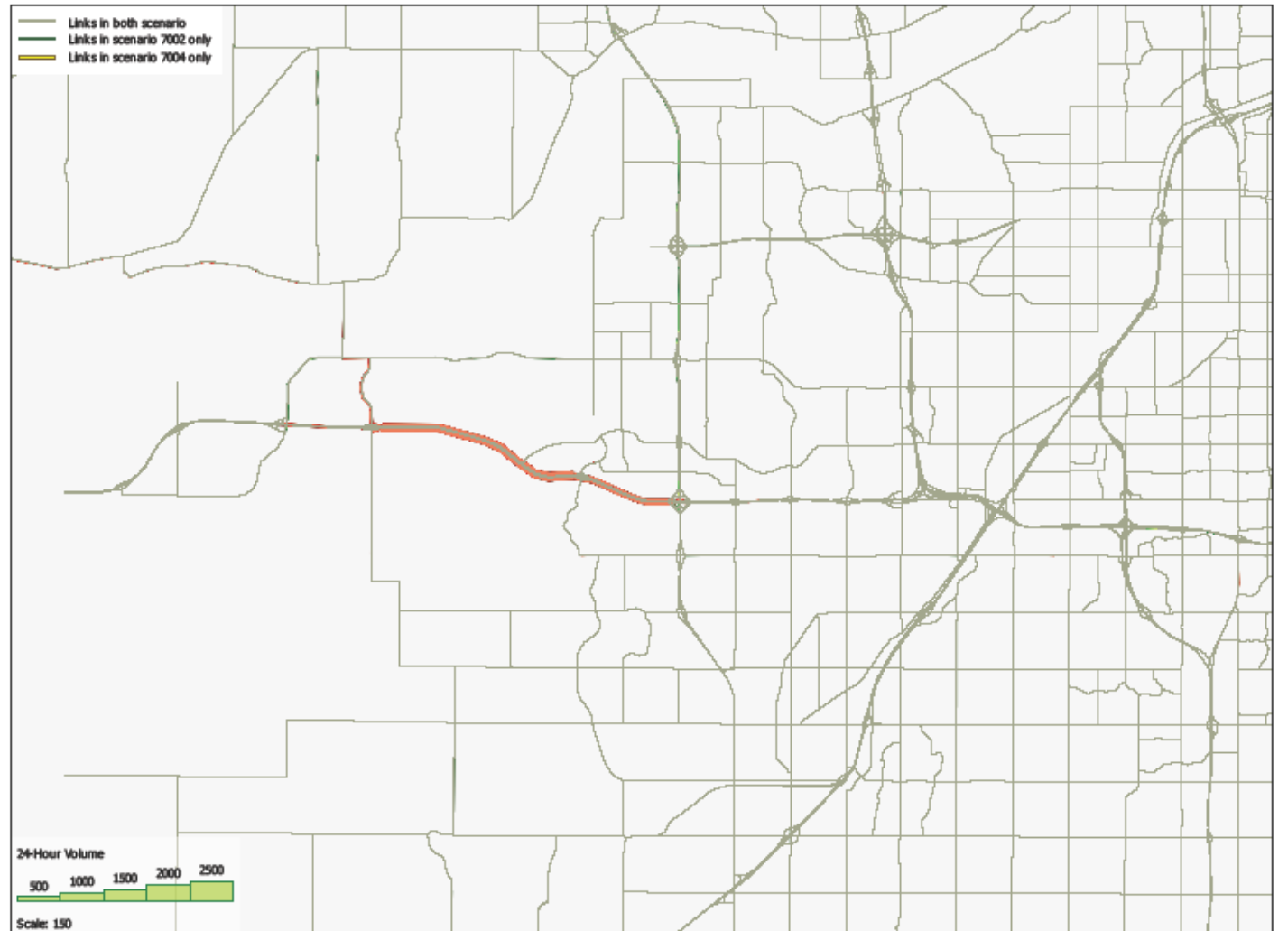
# MARC Model Data Request Program

## ► KDOT-HNTB

### K-10 Corridor Study

#### Tier 1

Model Number	Limits	Comments
1	Douglas/Johnson County Line (E 2300 Rd) to I-435 (Full corridor) 2050 No-Build	<ul style="list-style-type: none"> <li>2050 No-Build (existing 4-lane highway)</li> </ul>
2	Douglas/Johnson County Line (E 2300 Rd) to I-435 (Full corridor) <b>with the Lone Elm Interchange</b>	<ul style="list-style-type: none"> <li>2050 Build with 1 additional through lane in each direction west of I-435 to county line (6-lane highway)</li> <li>New standard diamond interchange at Lone Elm Road</li> </ul>
3	Douglas/Johnson County Line (E 2300 Rd) to I-435 (Full corridor) <b>without the Lone Elm Interchange</b>	<ul style="list-style-type: none"> <li>2050 Build with 1 additional through lane in each direction west of I-435 to county line 6-lane highway)</li> </ul>
4	Cedar Creek Parkway to I-435 (Partial corridor) <b>with the Lone Elm Interchange</b>	<ul style="list-style-type: none"> <li>2050 Build with 1 additional through lane in each direction west of I-435 to Cedar Creek Pkwy 6-lane highway)</li> <li>New standard diamond interchange at Lone Elm Road</li> </ul>
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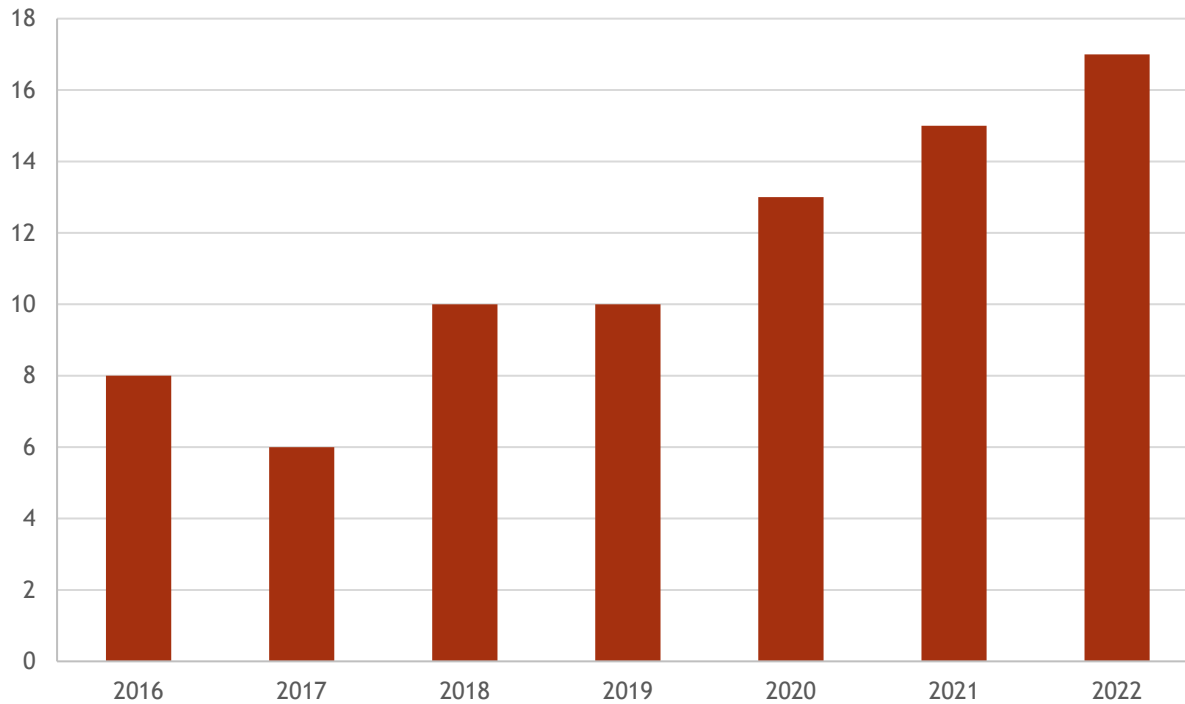
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Number of The Data Reqeasts



### CITY/COUNTY/STATE CLIENT CONTACT INFORMATION

**Name:** [Click here and type project manager name]  
**Title:** [Click here and type title]  
**Agency:** [Click here and type agency name]  
**Street Address:** [Click here and type street address 1]  
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**E-mail:** [Click here and type e-mail address]  
**Telephone:** [Click here and type telephone number]  
**Fax:** [Click here and type fax number]

### DATA REQUEST

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**Study Duration:** [Click Here and type the approximate duration of the study]  
**Date:** [Click here and type the projected date the data is needed]  
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Questions?

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Item #7

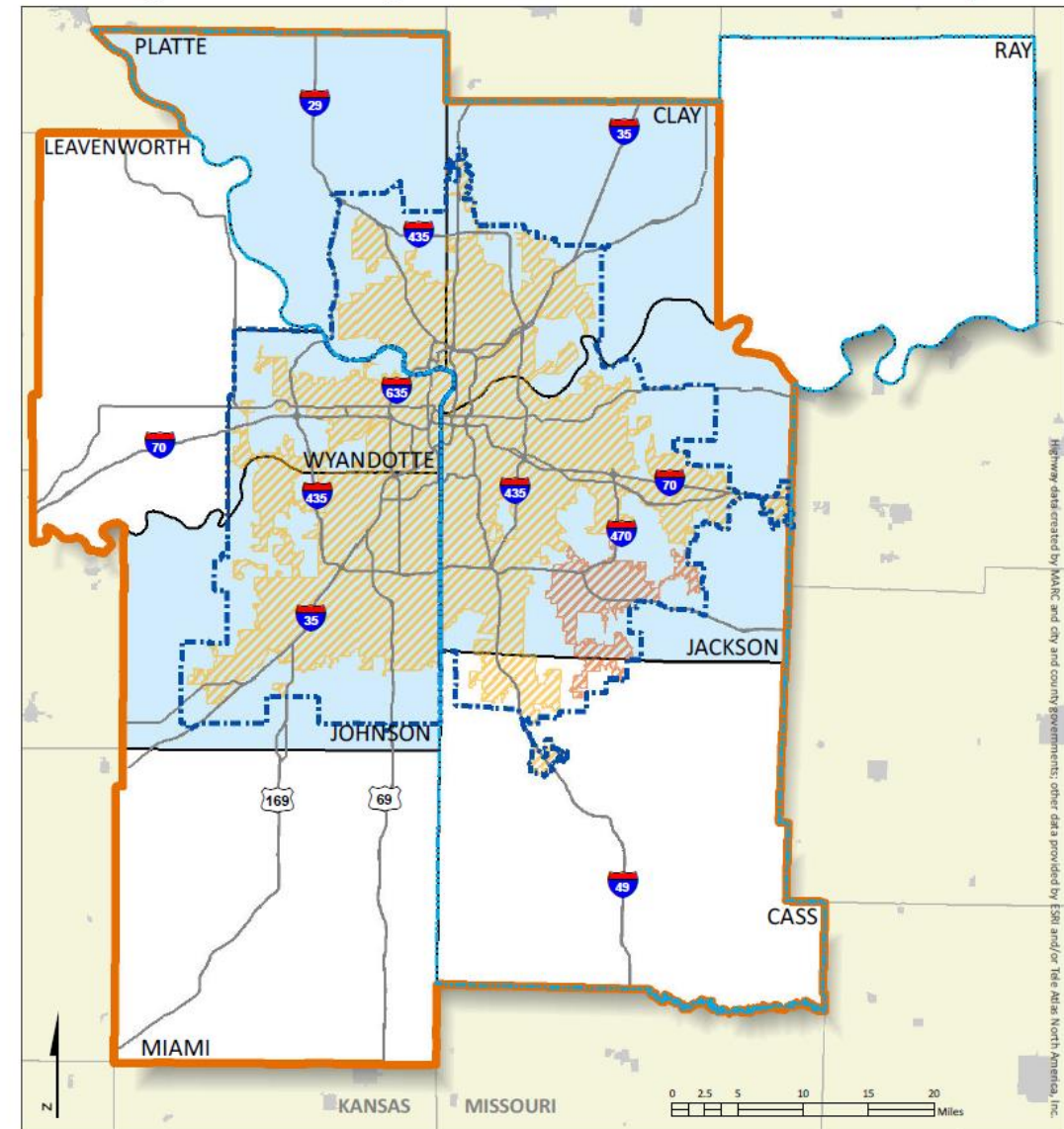
# **REPORT: Ray County Request to Join MARC MPO**

Presenter: Ron Achelpohl, MARC

# MPO Boundaries

- Established by and may be modified by agreement of MPO and Governor
- Must include Urbanized Area and areas expected to urbanize within 20 years
- May include other counties in Combined Statistical Area

Regional Planning Boundaries in Greater Kansas City



RPC (Regional Planning Commission) Boundary	Kansas City, MO--KS Urbanized Area	 JANUARY 2014 MARC MISSOURI REGIONAL COUNCIL REGULATORY SERVICES DIVISION 1111 E. 15th St., Suite 100 Kansas City, MO 64108 www.marc.org
FHWA Adjusted Urban Area Boundary (2012)	Lee's Summit, MO Urbanized Area	
MPO (Metropolitan Planning Organization) Boundary	Counties	
Air Quality Boundary		

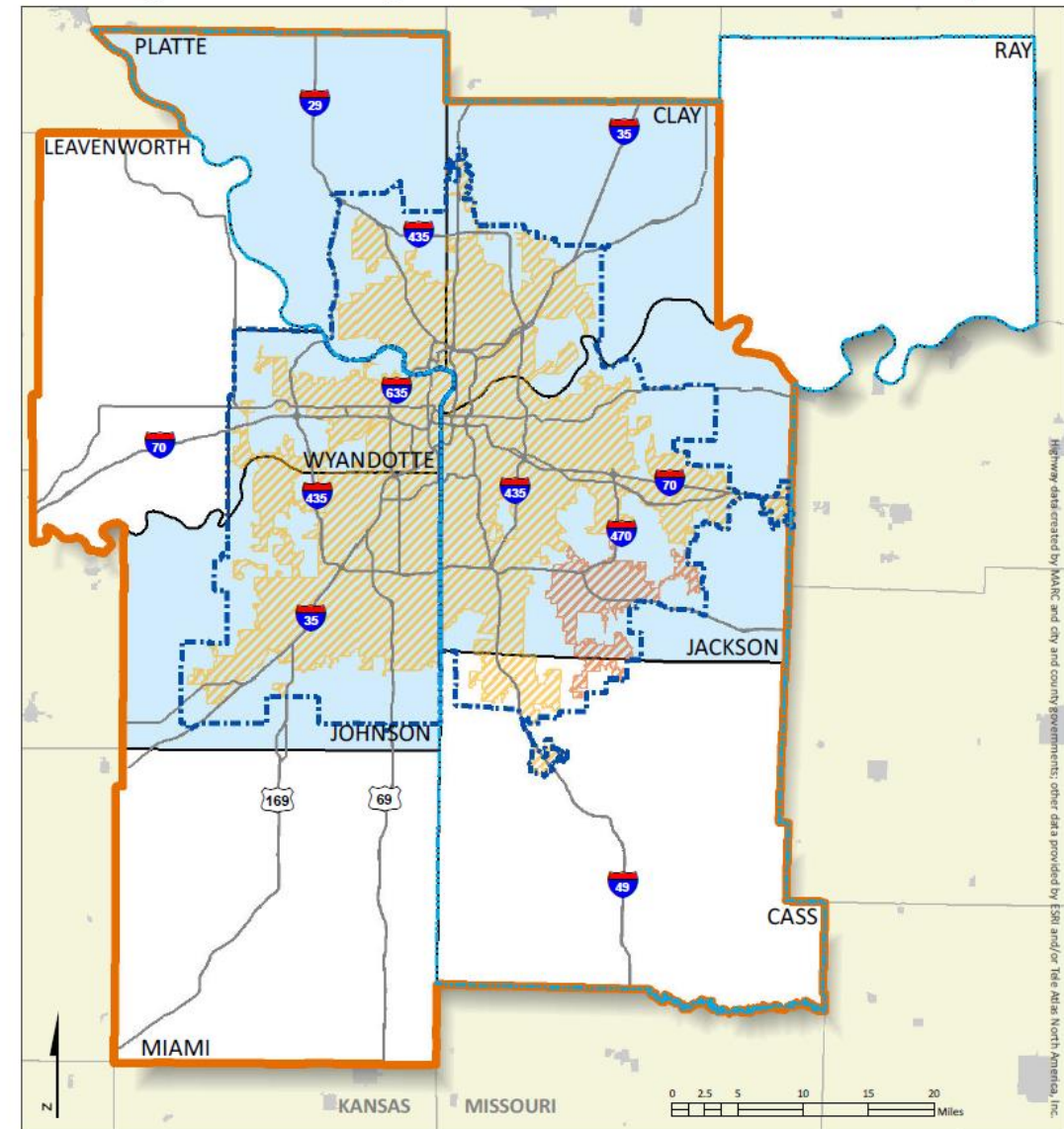
More information and land use policy available at [www.marc.org/gis](http://www.marc.org/gis)



# Past Changes

- 1991 – Original Boundary
- 2009 – Leavenworth, Platte, Clay and Cass
- 2010 – Portion of Lafayette (due to Census)
- 2015 – Miami County

Regional Planning Boundaries in Greater Kansas City



- RPC (Regional Planning Commission) Boundary
- FHWA Adjusted Urban Area Boundary (2012)
- MPO (Metropolitan Planning Organization) Boundary
- Air Quality Boundary

- Urbanized Areas (2010)
- Kansas City, MO--KS Urbanized Area
- Lee's Summit, MO Urbanized Area
- Counties

JANUARY 2014

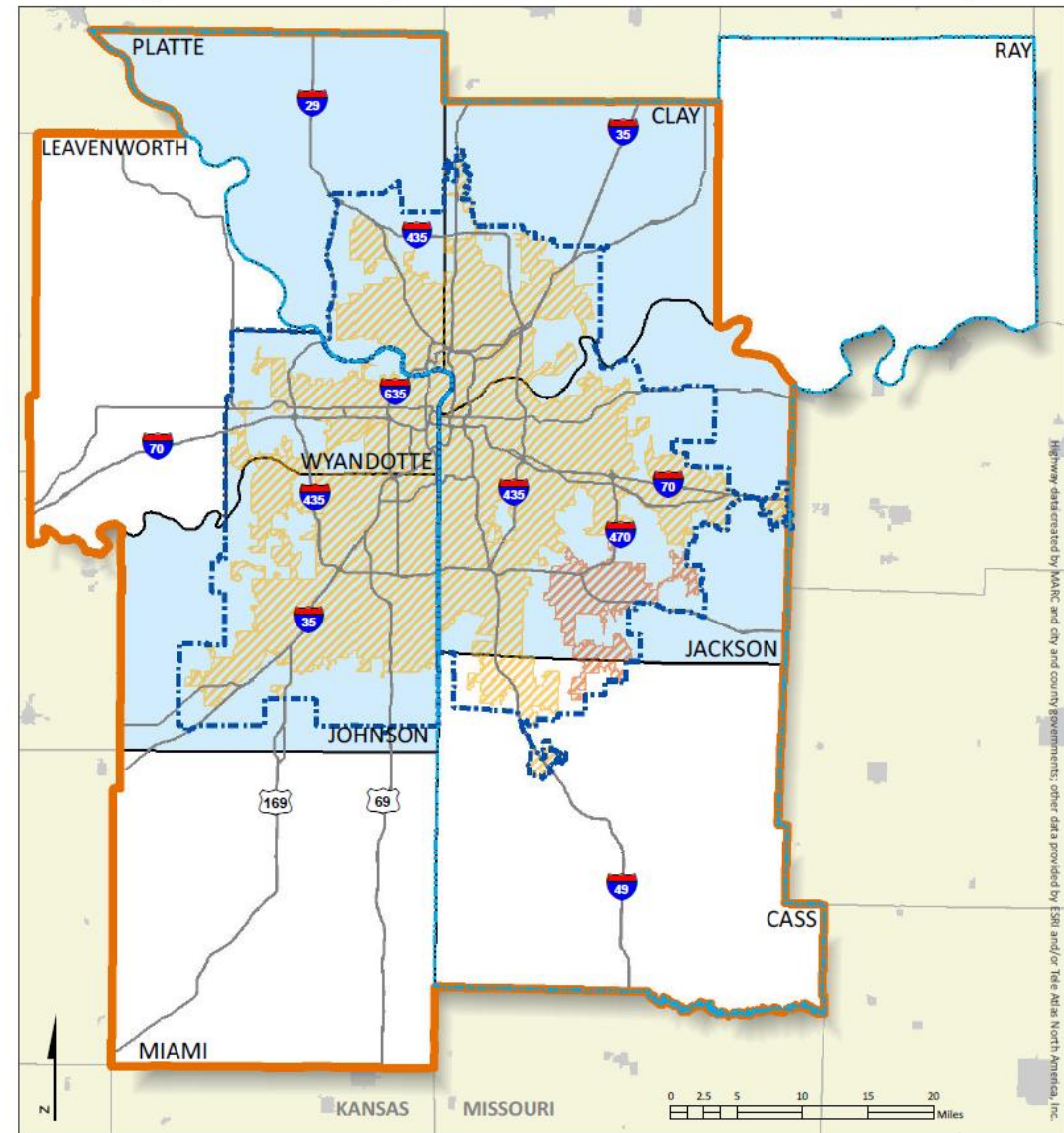


More information and land use policy available at [www.marc.org/gis](http://www.marc.org/gis)

# Ray County

- Original member of MARC
- Active in 911, AAA, Solid Waste Management District, etc.
- In MoDOT Kansas City District
- Requested to join MPO

Regional Planning Boundaries in Greater Kansas City



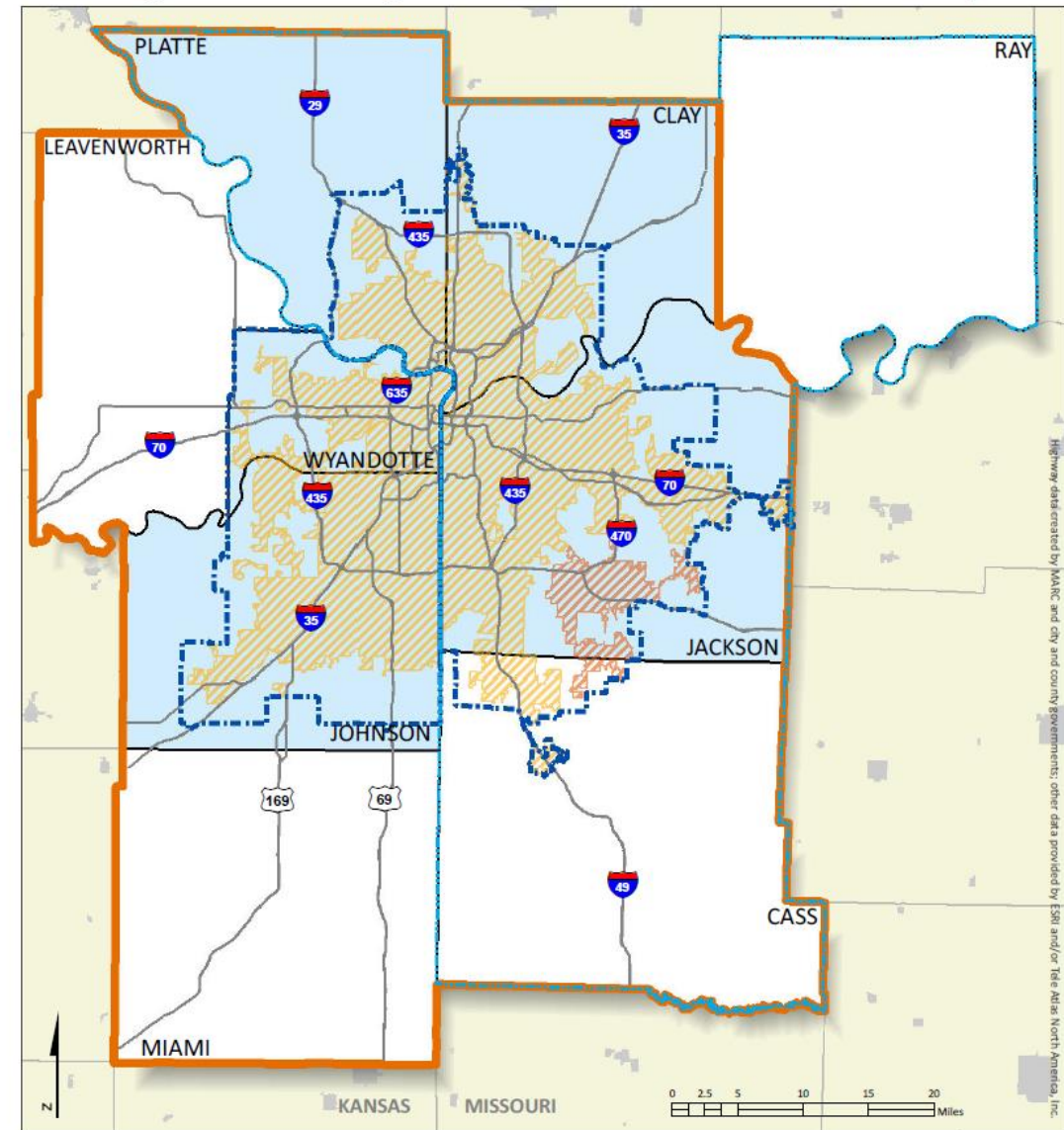
RPC (Regional Planning Commission) Boundary	Urbanized Areas (2010)	 MARC Metropolitan Area Regional Council REGULATORY SERVICES DIVISION 111119
FHWA Adjusted Urban Area Boundary (2012)	Kansas City, MO--KS Urbanized Area	
MPO (Metropolitan Planning Organization) Boundary	Lee's Summit, MO Urbanized Area	 More information and land use policy available at <a href="http://www.marc.org/gis">www.marc.org/gis</a>
Air Quality Boundary	Counties	



# Potential Impacts

- Incorporate Ray County jurisdictions into MPO planning and programming
- Minor changes to MoDOT fund distribution
- No impact to USDOT fund distribution

Regional Planning Boundaries in Greater Kansas City



- RPC (Regional Planning Commission) Boundary
- FHWA Adjusted Urban Area Boundary (2012)
- MPO (Metropolitan Planning Organization) Boundary
- Air Quality Boundary

- Urbanized Areas (2010)
- Kansas City, MO--KS Urbanized Area
- Lee's Summit, MO Urbanized Area
- Counties

JANUARY 2014

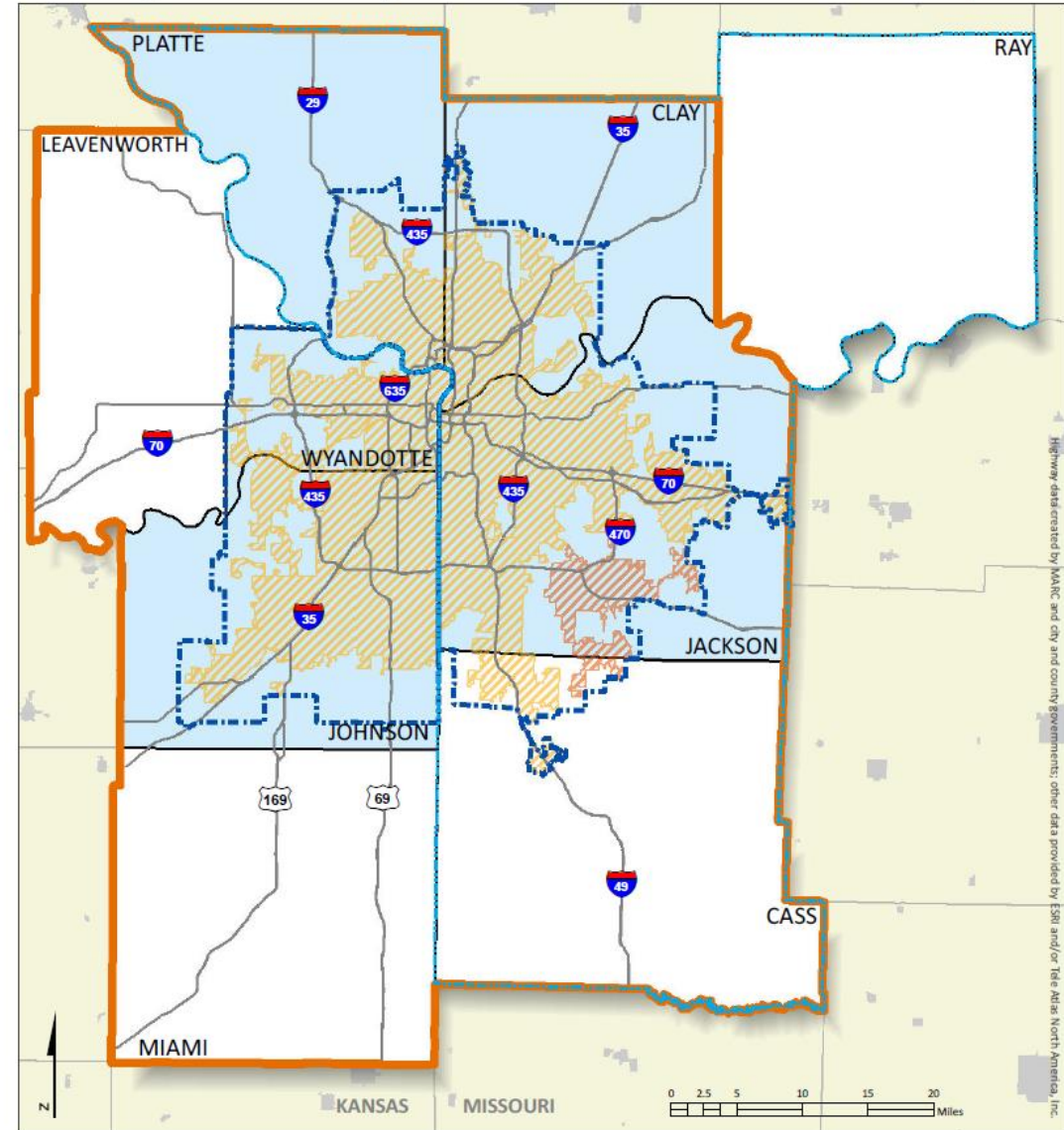


More information and land use policy available at [www.marc.org/gis](http://www.marc.org/gis)

# Consideration Process

- Establish work group
- Meet in June & July
- Recommendation to TTPC & MARC Board in August
- Recommendation to MoDOT/MHTC/Governor

Regional Planning Boundaries in Greater Kansas City



- RPC (Regional Planning Commission) Boundary
- FHWA Adjusted Urban Area Boundary (2012)
- MPO (Metropolitan Planning Organization) Boundary
- Air Quality Boundary

- Urbanized Areas (2010)
  - Kansas City, MO--KS Urbanized Area
  - Lee's Summit, MO Urbanized Area
- Counties

JANUARY 2014



More information and land use policy available at [www.marc.org/gis](http://www.marc.org/gis)

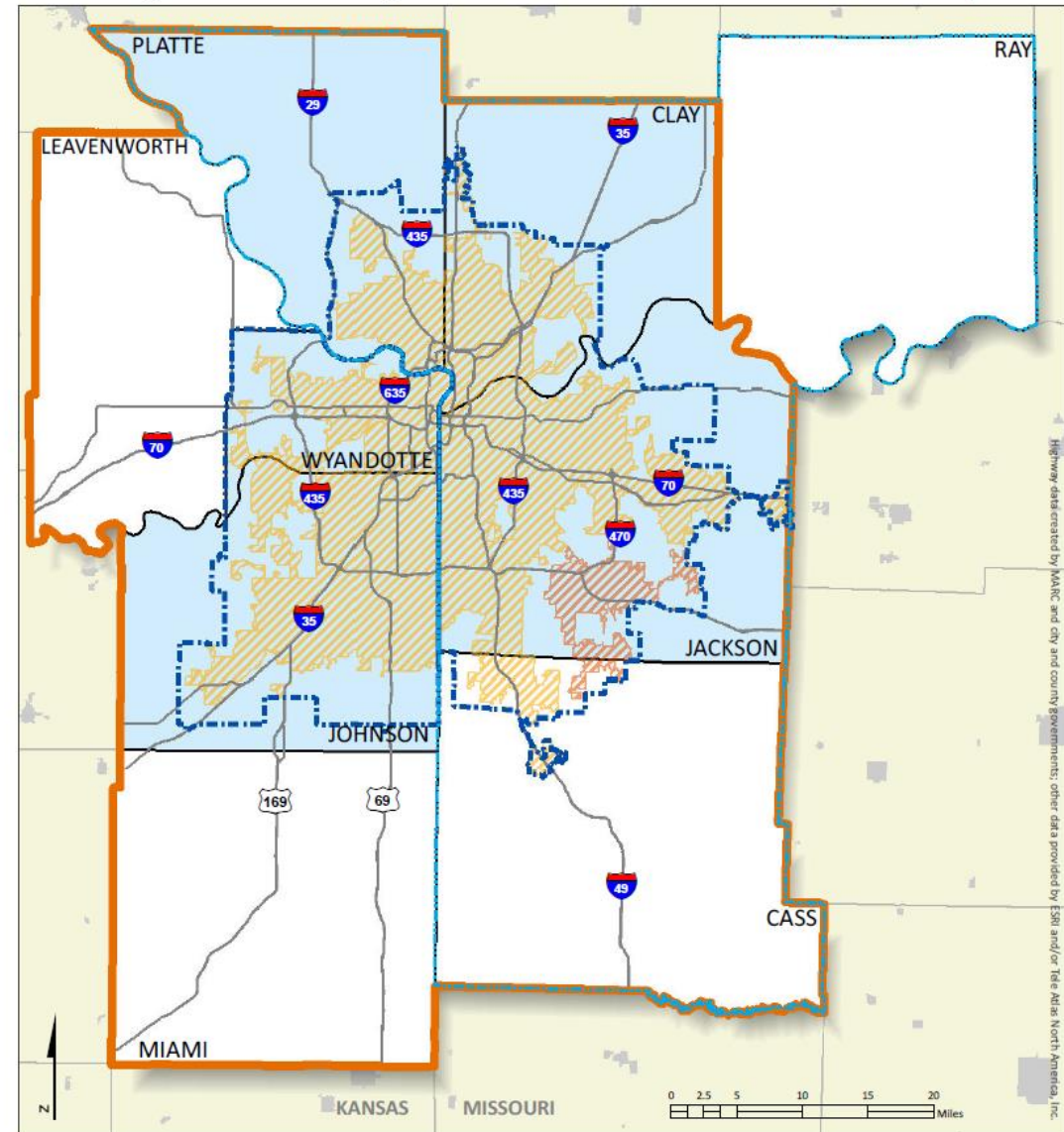
# Questions?

Ron Achelpohl

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

816-701-8327

## Regional Planning Boundaries in Greater Kansas City



RPC (Regional Planning Commission) Boundary	Kansas City, MO--KS Urbanized Area	 JANUARY 2014 MARC Metropolitan Area Regional Council 1600 GARDNER, SUITE 1000 KANSAS CITY, MO 64108
FHWA Adjusted Urban Area Boundary (2012)	Lee's Summit, MO Urbanized Area	
MPO (Metropolitan Planning Organization) Boundary	Counties	
Air Quality Boundary		

More information and land use policy available at [www.marc.org/gis](http://www.marc.org/gis)

Item #8

# **REPORT: Bike Month 2023**

Presenter: Patrick Trouba, MARC





# What is Bike Month?

National Bike Month was established in 1956 by the League of American Bicyclists to promote cycling.

- Bike to Work Day is on Friday, May 19
- Bike to Work Week is from May 15 to May 21





# What is MARC doing for Bike Month?

Check out [marc.org/bikemonth](http://marc.org/bikemonth) for:

- Bike events
- Resources on cycling
- Bike stories



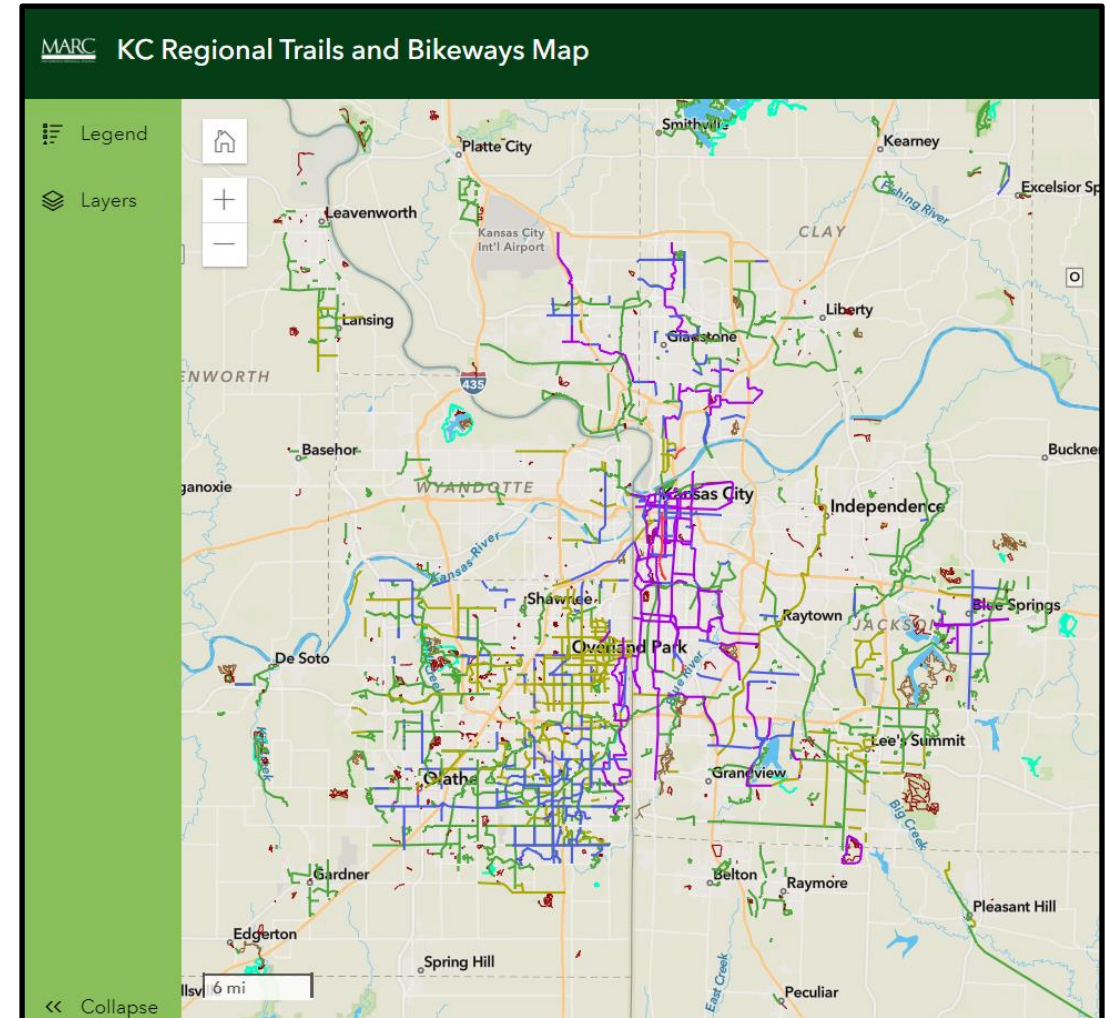
# Bike Month ads in the wild





# MARC Bike Resources

Regional Trails & Bikeways Map



# Happy Riding!!!

Patrick Trouba | [ptrouba@marc.org](mailto:ptrouba@marc.org)



Item #9

# **REPORT: Community Membership Update**

Presenter: Ron Achelpohl, MARC

Item #10

## **REPORT: Other Business**



# 2023 MARC Regional Assembly

Building Civic Culture: Engagement, Trust, Impact

## Keynote speaker

Valerie Lemmie,  
director of exploratory  
research, Kettering  
Foundation



Celebrate the  
**2023 Regional  
Leadership  
Awards**

See you June 9! | Register now at [marc.org/RegionalAssembly](https://marc.org/RegionalAssembly)

Item #11

# Adjournment