

# Transportation Emissions Committee

October 14, 2024

Please enter your name and organization in the chat window so that we may have an accurate record of attendance

## Agenda

- 1) Welcome
- 2) VOTE: Approve the September 9<sup>th</sup> meeting summary
- 3) Project Presentations
- 4) Committee Co-Chair Nominations
- 5) Special Meeting Schedule
- 6) Adjournment

**VOTE: Approve the September 9, 2024 meeting summary**

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# **Discussion: 2023 & 2024 Application Submittals**

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# Project Presentations

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Sponsoring Agency:

# City of Basehor

Project:

# Coralberry Trail

- Project Description:** Coralberry Trail is identified in the City of Basehor's Active Transportation Plan as a high-priority trail. It provides opportunities to connect residents of the Hidden Ridge Subdivision to the community at large via a safe walking/biking path. This trail supports the regional trail and biking system as has been identified in MARC policies and plans. This trail will connect users to high intensity activity centers including Civic Campus and Basehor Town Center via a trail network that offers opportunities for bike sharing and EV charging stations. The proposed trail is approximately 3,300 linear feet, 10' wide and concrete. The trail head will be located east of 166th & Coralberry and terminate near 158th & Garden Parkway. This trail will preserve and enhance the tree canopy and provide native plantings and amenities such as pollinator gardens, rain gardens, benches and bike stations.
- Total CRP Funding Request:** \$1,684,000
- Total CMAQ Request:** \$0
- Phaseable/Scalable:** No



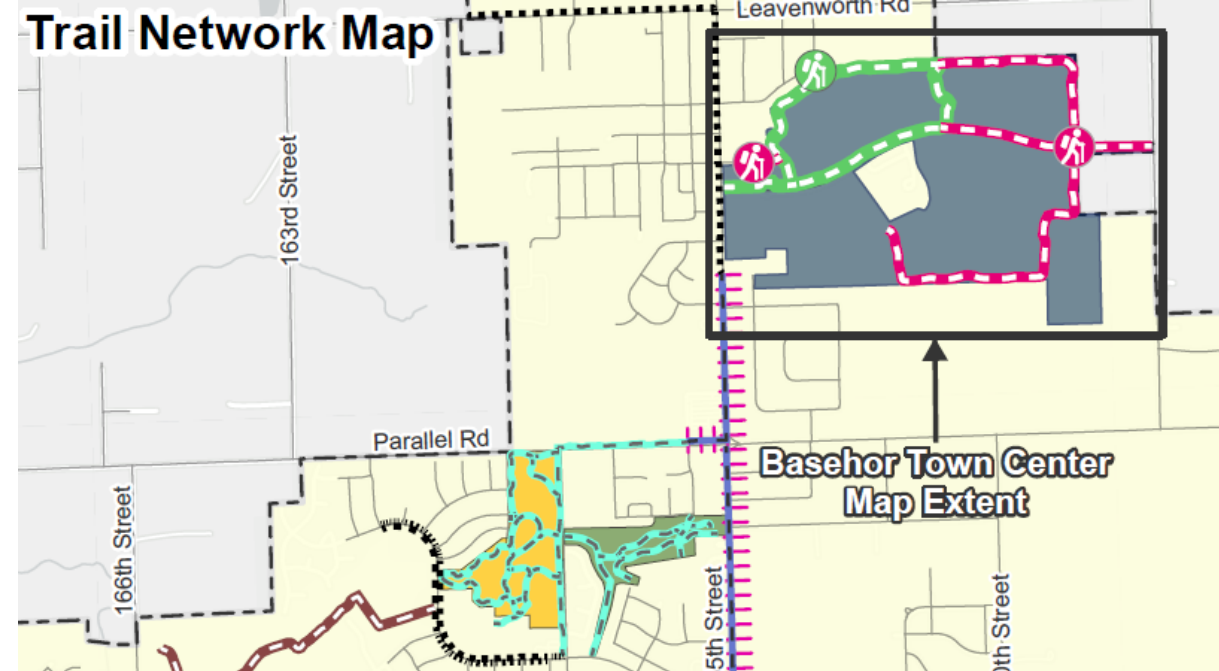
Sponsoring Agency:

# City of Basehor

Project:

## Trails at Basehor Town Center

- Project Description:** The City owns 240 acres of land that is known as "Basehor Town Center." (BTC) located at 155th & Basehor Blvd. The master plan provides for 40 acres of multi-family development (592 units), 40-acres of park land, commercial, community center and a farmer's market. This project consists of a 10' wide multi-use path totaling 1.3 miles in length. This phase 1 trail provides connections to existing activity centers including an existing school facility. This trail will provide opportunities for recreation, tree and native species plantings, amenities and future bike sharing opportunities. This trail will connect to the improvements along 155th Street, which includes a multiuse path connection to Metro Green Trail and ultimately to the trails at the Civic Campus. The total trail network will consist of nearly five-miles of trail, the majority of which is outside of roadways, providing the safest pedestrian environment.
- Total CRP Funding Request:** \$2,512,000
- Total CMAQ:** \$0
- Phaseable/Scalable:** Yes – The City could shorten the length of trail for this phase.



# BikeWalkKC – Missouri Safe Routes to School

- Project description: Continuation of long-standing SRTS non-infrastructure program.
- Total CRP request: \$0.00
- Total CMAQ request: \$400,000 *(or any funding source)*
- Phaseable/Scalable: Yes by serving fewer students and fewer schools



# BikeWalk KC – Missouri Bike Share Program

- Project description: [Narrative short paragraph]
- Total CRP request: \$1,040,000.00
- Total CMAQ request: \$300,000.00  
*(\$600,000 total from CMAQ or TAP)*
- Phaseable/Scalable: Yes with fewer bikes and hubs in fewer neighborhoods.





# BikeWalkKC – Kansas Safe Routes to School Program

- Project description: Continuation of long-standing SRTS non-infrastructure program.
- Total CRP request: \$0.00
- Total CMAQ request: \$300,000  
*(Or any funding source)*
- Phaseable/Scalable: Yes by serving fewer students and fewer schools

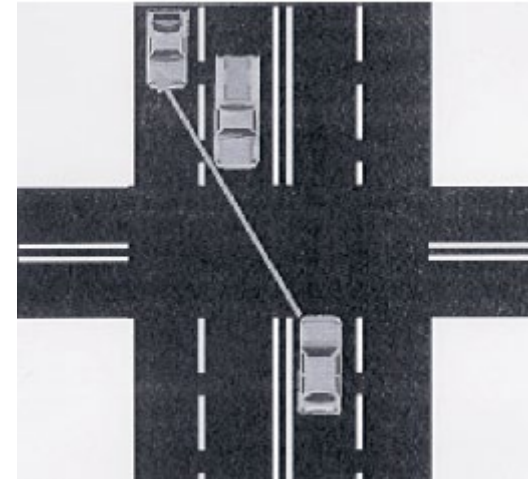


# Grandview – Highgrove & Byars Rd. Intersection Improvements

- Project description: Widening Highgrove Rd to provide left-turn auxiliary lanes at the intersection for facilitating the east/west left-turn movements at the Highgrove Rd & Byars Rd intersection.
- Total CRP request: \$0
- Total CMAQ request: \$817,600
- Phaseable/Scalable: No; phasing the intersection construction would not be economically feasible.



# Grandview – Highgrove & Byars Rd. Intersection Improvements





# Harrisonville – EV Charging Stations

# City of Independence



## 23<sup>rd</sup> St (M-78) Mobility & Safety Improvement Project

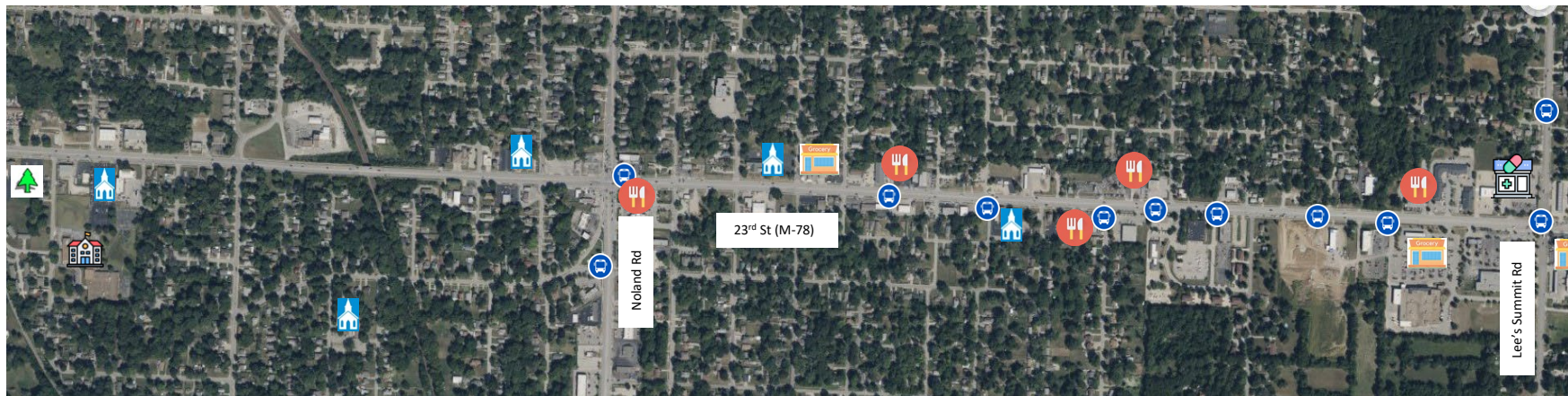
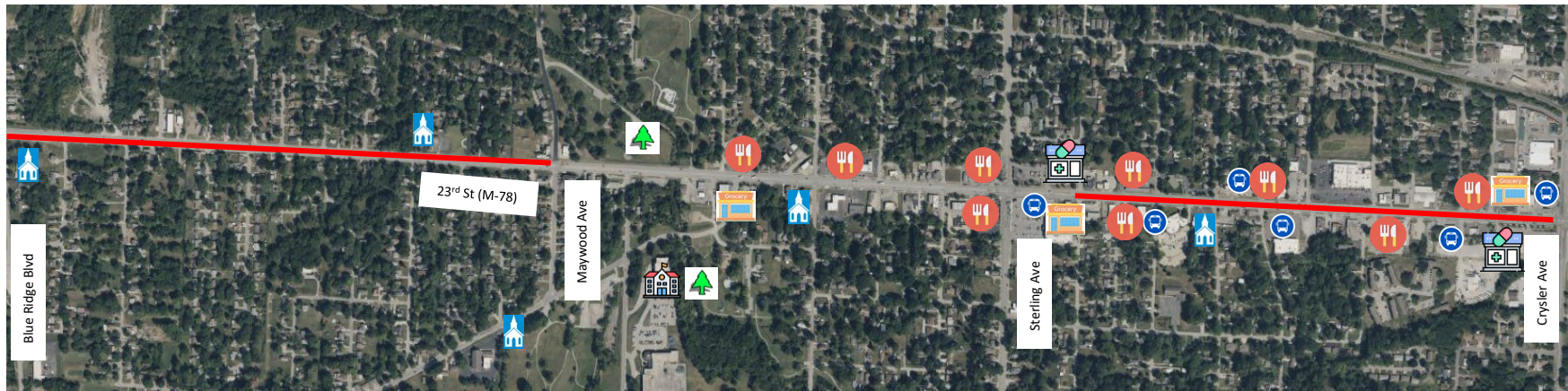
- Project description: Project will provide complete streets improvements along 23rd St (M-78) from Blue Ridge Blvd to Lee's Summit Road and include:
  - ✓ Enhanced pedestrian accessibility & safety
  - ✓ Multimodal transportation options
  - ✓ Greenhouse gas emission reduction, Carbon based fuel use reduction, and Green infrastructure
- Project need: 23<sup>rd</sup> St is a principal arterial running through the center of Independence accessing low/moderate income neighborhoods and zero car households census tracts. Despite steady pedestrian activity, 23<sup>rd</sup> St does not have continuous sidewalks and does not provide safe multimodal transportation options.
- Total CMAQ funding request: \$1,000,000
- Total CRP funding request: \$3,000,000
- Total match amount: \$5,000,000
- Project Priority: 1

# City of Independence

## 23<sup>rd</sup> St (M-78) Mobility & Safety Improvement Project



- Location Description



# City of Independence

## 23<sup>rd</sup> St (M-78) Mobility & Safety Improvement Project



- Scalability: Yes; the project can be split into five phases
  - Phase 1: Blue Ridge Blvd to Maywood Ave (0.74 miles)
  - Phase 2: Maywood Ave to Sterling Ave(0.60 miles)
  - Phase 3: Sterling Ave to Crysler Ave (0.74 miles)
  - Phase 4: Crysler Ave to Noland Rd (0.99 miles)
  - Phase 5: Noland Rd to Lee's Summit Rd (1.25 miles)

# City of Independence

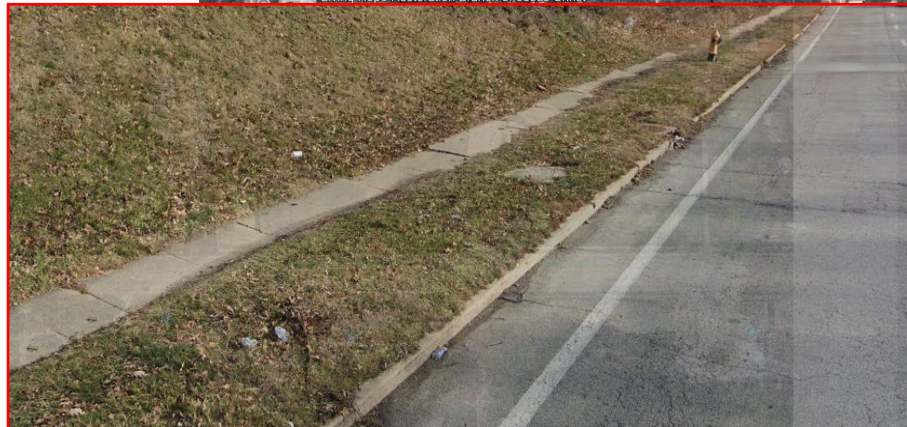
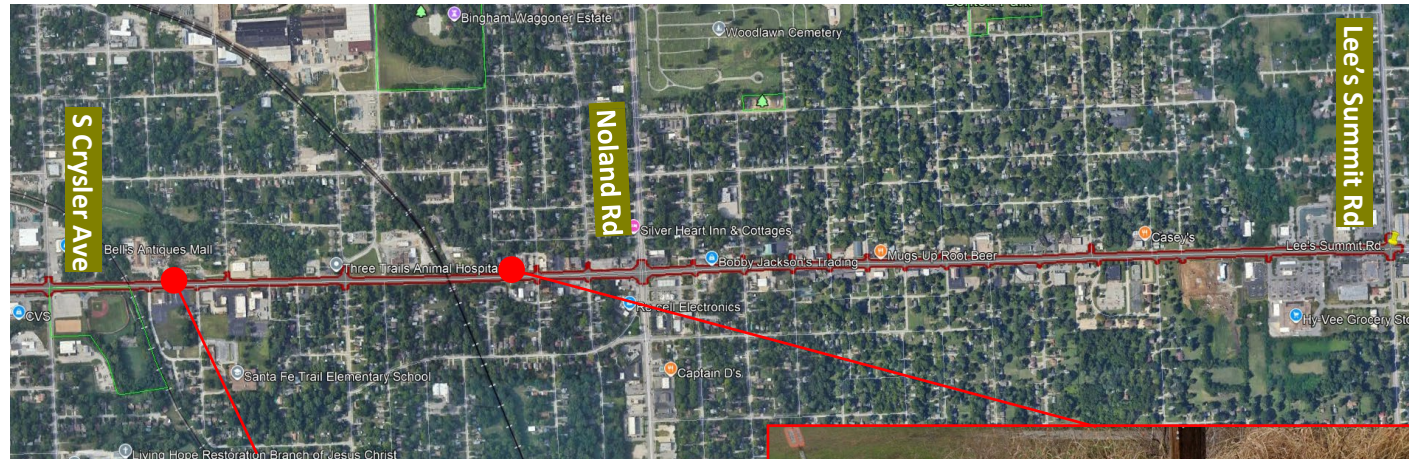
## 23<sup>rd</sup> St (M-78) Mobility & Safety Improvement Project





# City of Independence

## 23<sup>rd</sup> St (M-78) Mobility & Safety Improvement Project



# City of Independence



## 23<sup>rd</sup> St (M-78) Sidewalks – Speck Rd. to Jackson Drive

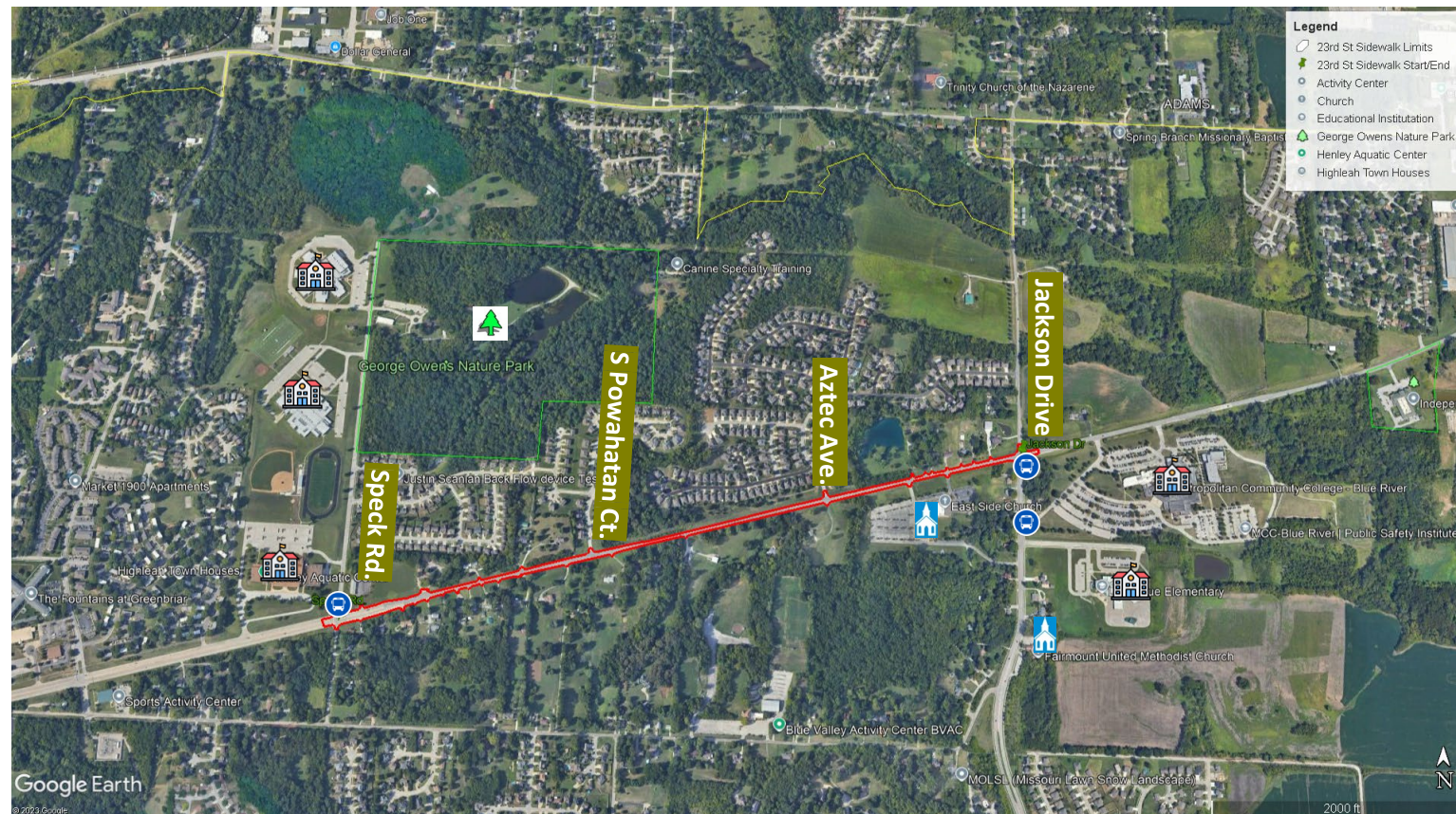
- Project description: construct new ADA compliant sidewalks and ramps on both sides of 23rd St from Speck Rd. to Jackson Drive. The scope further includes:
  - ✓ Pedestrian & traffic signal upgrades
  - ✓ Transit stop improvements
  - ✓ Green infrastructure
- Project need: To provide safe routes to schools since this section of the corridor currently serves only motor vehicles, and no sidewalk facilities are available.
- Total CMAQ funding request: \$0
- Total CRP funding request: \$1,191,269
- Total match amount: \$893,453
- Project Priority: 2

# City of Independence

## 23<sup>rd</sup> St (M-78) Sidewalks – Speck Rd. to Drive



### o Location Description



# City of Independence

## 23<sup>rd</sup> St (M-78) Sidewalks – Speck Rd. to Drive



- Location Description

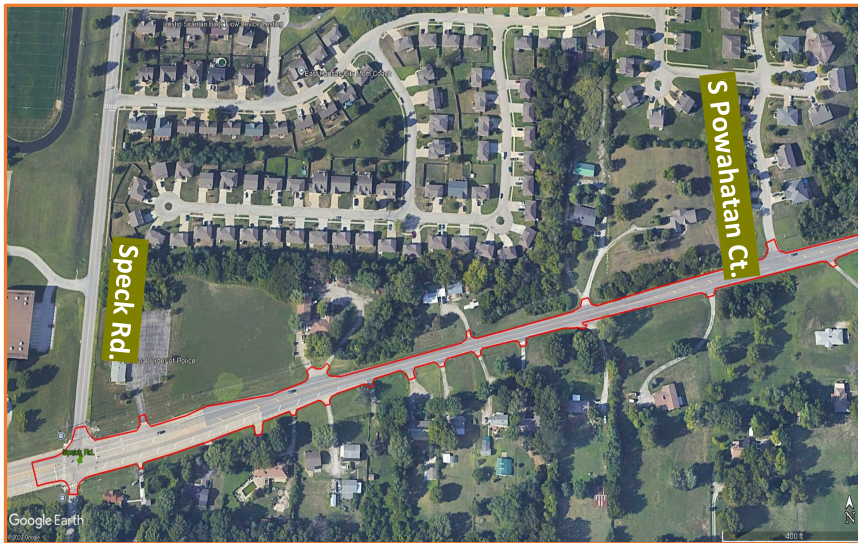


# City of Independence



## 23<sup>rd</sup> St (M-78) Sidewalks – Speck Rd. to Jackson Drive

- Scalability: the project can be split into two phases
  - ✓ Phase 1: Speck Rd to S Powahatan Ct (0.39 miles)
  - ✓ Phase 2: S Powahatan Ct to Jackson Drive (0.67 miles)



**Phase 1**



**Phase 2**



# KCATA – Expanded Flex Service



# KCATA – New Bus and Micromobility Services



# KCATA – Regional Alternate Fuel Buses, Charging Infrastructure and Training (KS & MO)



# Lee's Summit – Chipman Rd. Signal Controller & Detection Upgrades

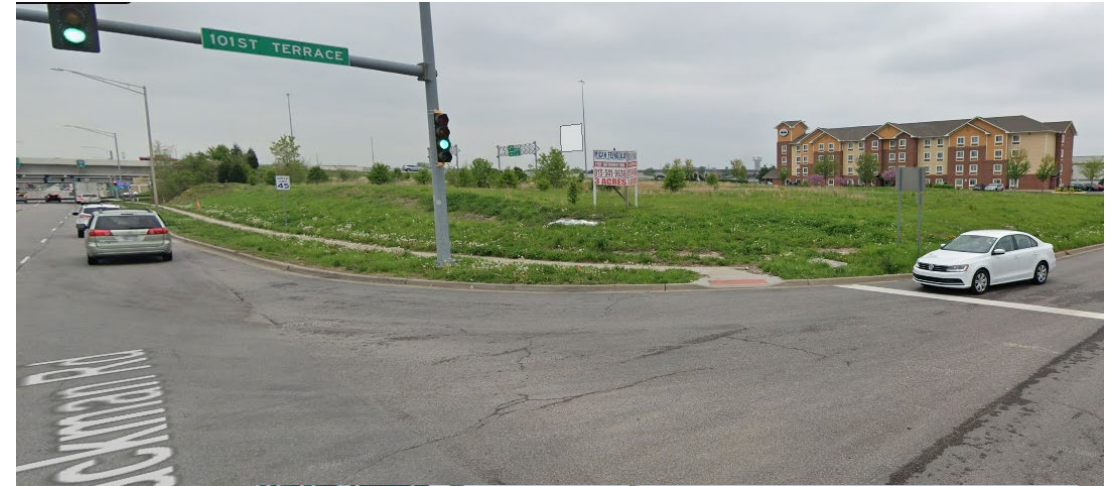
- Project description: Replacing and upgrading City of Lee's Summit owned signal controllers and detection along Chipman Road from Pryor Rd to Independence Ave. (10 intersections)
- Total CRP request: \$0
- Total CMAQ request: \$200,000
- Phase able/Scalable: Yes; Equipment could be installed in phases





# Lenexa – Pedestrian Accommodations at Traffic Signals and Connecting Sidewalk Links

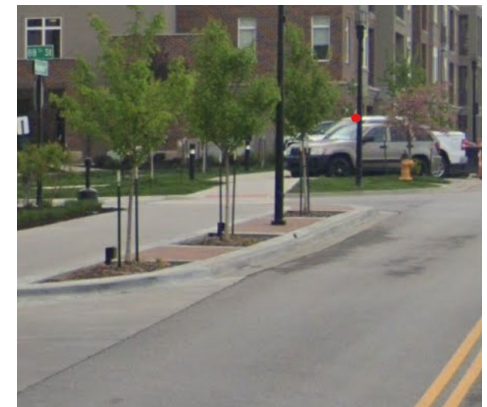
- Project description: ADA ramps, signals, pushbuttons crosswalk markings on all approaches at 6 intersections and connecting sidewalk links on Pflumm and Monrovia.
- Total CRP request: \$1,100,000
- Total CMAQ request: \$1,100,000
- Phaseable/Scalable: Yes, with reduced number of intersections.





# Lenexa – Signalization & Pedestrian Accommodations at 87<sup>th</sup> St. & Scarborough

- Project description: In City Center which is a pedestrian oriented mixed-use development. Sidewalk connections, mixed use trail, street trees, pedestrian amenity zone, enhanced bus stop with shelter, bench, kiosk and trash receptacle at the stop where the 487 and 497 routes connect and signalization of the two intersections at 87<sup>th</sup> & Scarborough.
- Total CRP request: \$1,100,000
- Total CMAQ request: \$1,100,000
- Phaseable/Scalable: Yes, with a reduced scope of work



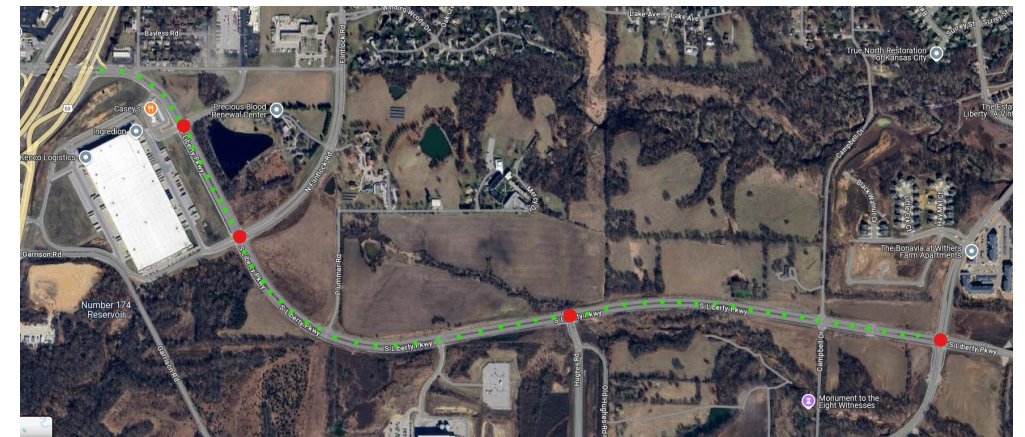
# Lenexa – 95<sup>th</sup> St. & Lackman

- Project description: Extending left turn lanes to address queuing into the through lanes, adding east and westbound right turn lanes, controlled access, sidewalk ½ mile to the west on 95<sup>th</sup> Street to Loiret, pedestrian signals and crosswalks on all approached, street trees and bus landing pads along 95<sup>th</sup> Street.
- Total CRP request: \$2,600,000
- Total CMAQ request: \$2,600,000
- Phaseable/Scalable: Yes, with reduced scope



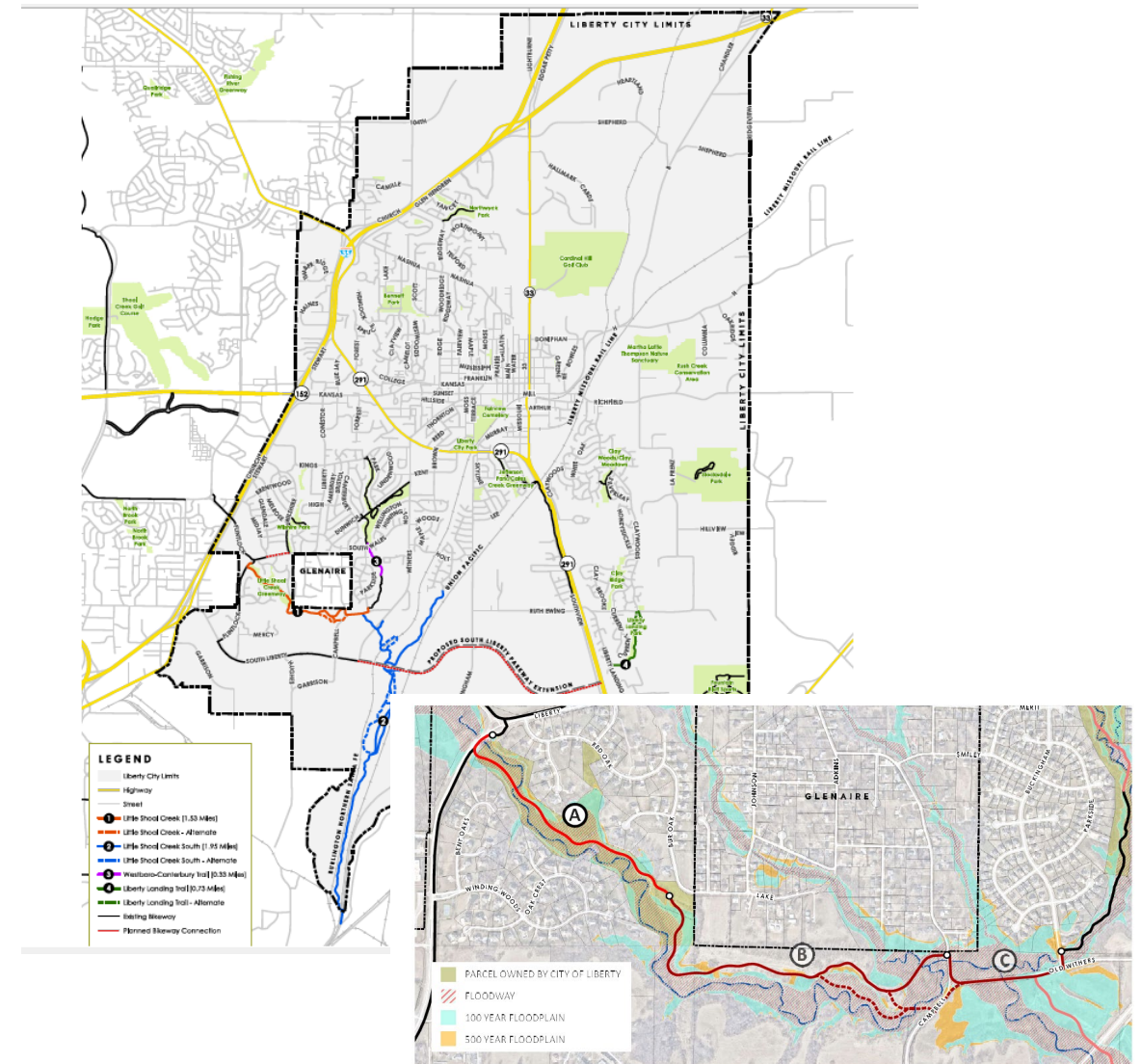
# Liberty – South Liberty Parkway Traffic Signal Interconnect

- **Project description:** Provide traffic signal upgrades and install fiber optic cable connectivity to four consecutive intersections along the South Liberty Parkway corridor from I-35 heading east to S. Withers Road. The upgrades would allow for the purchase and installation of infrastructure and equipment necessary to provide interconnectivity and add the four signalized intersections to the OGL system.
- **Total CRP request:** \$0
- **Total CMAQ request:** \$640,000
- **Phaseable/Scalable:** “Maybe” - Goal is to coordinate all four traffic signals on the OGL system to optimize the corridor. Shortening the project to two phases (West half and East half) might be an option.



# Liberty – Little Shoal Creek Trail

- Project description: This project will complete Little Shoal Creek Trail connecting N. Flintlock Rd. to Campbell Dr. adding 1.3 miles of trail in Liberty, MO. It will connect users from Liberty, Glenaire, Pleasant Valley and KCMO to housing, schools, food, jobs and desirable amenities in each of the four municipalities. It will also connect to an additional 2.7 miles of trails, creating a 4 mile trail system for pedestrians and bicyclists.
- Total CRP request: \$1,000,000
- Total CMAQ request: \$0
- Phaseable/Scalable: Yes. Our plan splits this trail into three segments; A, B & C. We have completed segment C and request funding to complete A & B. However, this project could be phased to complete just A or B.



# Mission – Martway Complete Street

- Project description: Complete Streets implementation, including cycle track on a portion of Martway. Project aligns with asset management and CIP allocation for the same time period
- Total CMAQ request: \$1,141,000
- Phaseable/Scalable: No – plans to rehab this street segment in full should be completed simultaneously to reduce the possibility of inefficient use of resources

This project is a *proactive* rehabilitation and enhancement of Martway that supports Mission’s downtown activity center and new developments through active transportation initiatives. Developments are nearing end of construction or approved and awaiting construction, and support planned revitalization of the adjacent Martway shopping center. These important enhancements support the city’s CIP investments for a 2027-2028 project. Waiting to implement improvements (that are adopted into the Comp Plan), or only implementing the cycle track, would be reactionary and negate the plans for necessary street maintenance as part of the CIP.

# Mission – Martway Complete Street

- Context

- Connects to key regional transit center, downtown activity center, neighborhoods, and planned public amenities
- Supports new multi-family developments, including affordable housing
- Part of revitalization and mitigation of continued blight
- Part of continued efforts, including extension of improvements along Martway and the Rock Creek Trail, as part of the next round of 2025 PSP funding that has been approved by MARC

This project is a *proactive* rehabilitation and enhancement of Martway that supports Mission’s downtown activity center and new developments through active transportation initiatives. Developments are nearing end of construction or approved and awaiting construction, and support planned revitalization of the adjacent Martway shopping center. These important enhancements support the city’s CIP investments for a 2027-2028 project. Waiting to implement improvements (that are adopted into the Comp Plan), or only implementing the cycle track, would be reactionary and negate the plans for necessary street maintenance as part of the CIP.

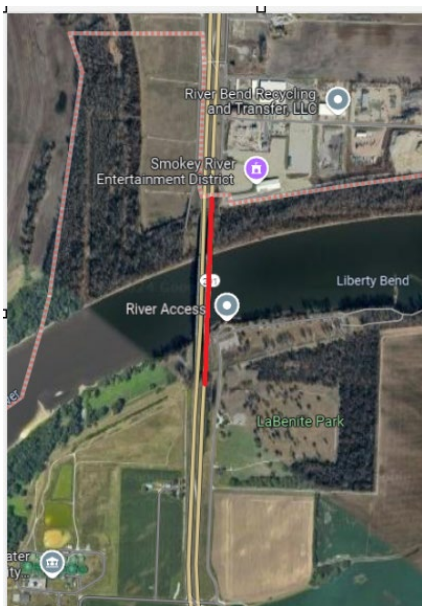


# Mission – Martway Complete Street



# MoDOT – Adding a SUP on Rte. 291 NB Bridge Over Missouri River

- **Project description:** and add a 12' shared use path for Rte 291 NB bridge over Missouri River. (the funding applied is just for the shared use path) Bridge replacement

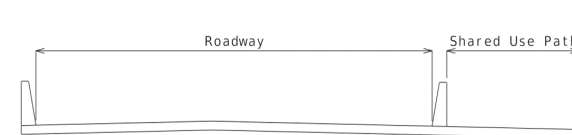


- **Total CRP request:** \$1000,000 ( only for CRP)
- **Total CMAQ request:** \$1000,000 ( only for CMAQ)
- **Phaseable/Scalable:** Yes

- **Purpose and need**

- Promote safety for motorized vehicle users and non- motorized users
- Remove major barrier and provide access to alternate modes
- Reduce air pollution and promote public health
- Support economic vitality, environmental justice and equity
- Complete Street Policy and Major River Crossing Policy

- **Proposed shared use path**





## MoDOT – Adding a SUP on Rte. 291 NB Bridge Over Missouri River

- **Project schedule:** January 2026
- **Scalability:** Because of the nature of this project, it can't be phased. If less funding is received, we could potentially build a narrower separated path or a wider shoulder to use.



# Olathe – LED Streetlights



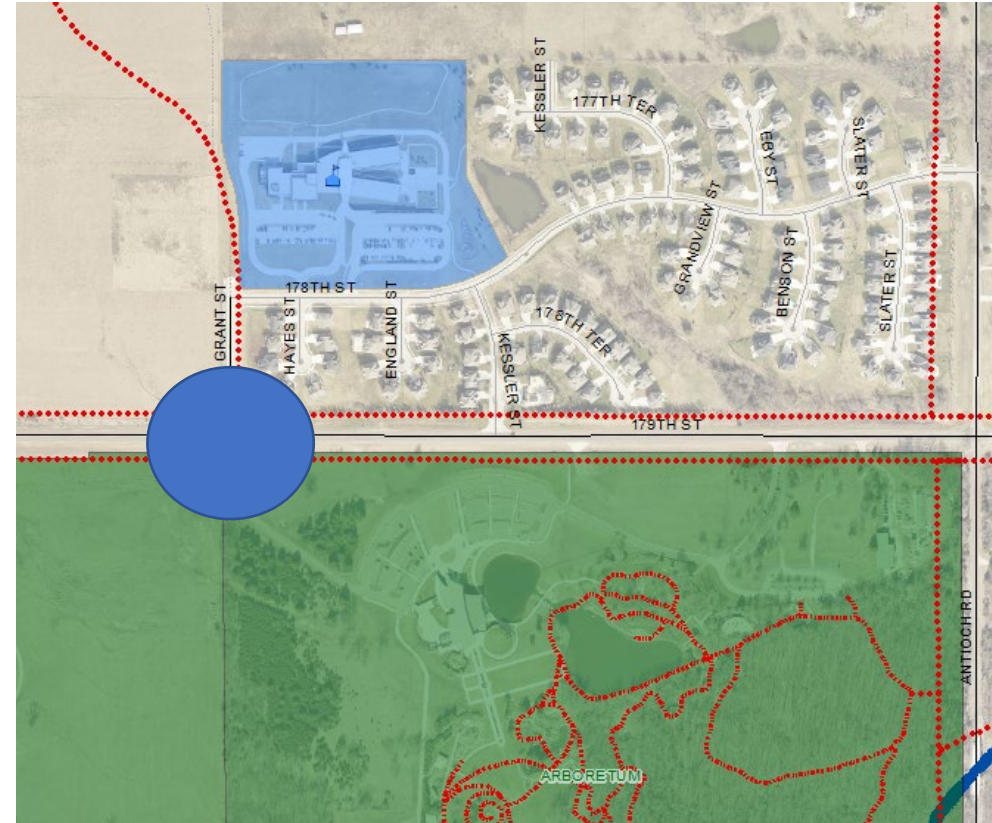
# Overland Park – 179<sup>th</sup> Street and Grant Roundabout

- Project description: Construction of a roundabout with crosswalks and street lighting
- Total CRP request: \$0
- Total CMAQ request: \$750,000
- Phaseable/Scalable: No. Requires construction of an entire roundabout.



# Overland Park – 179<sup>th</sup> and Grant Roundabout

- Benefits
  - Improves safety at a busy intersection
  - Provides for future pedestrian connections
  - Allows for efficient movement of traffic through the intersection

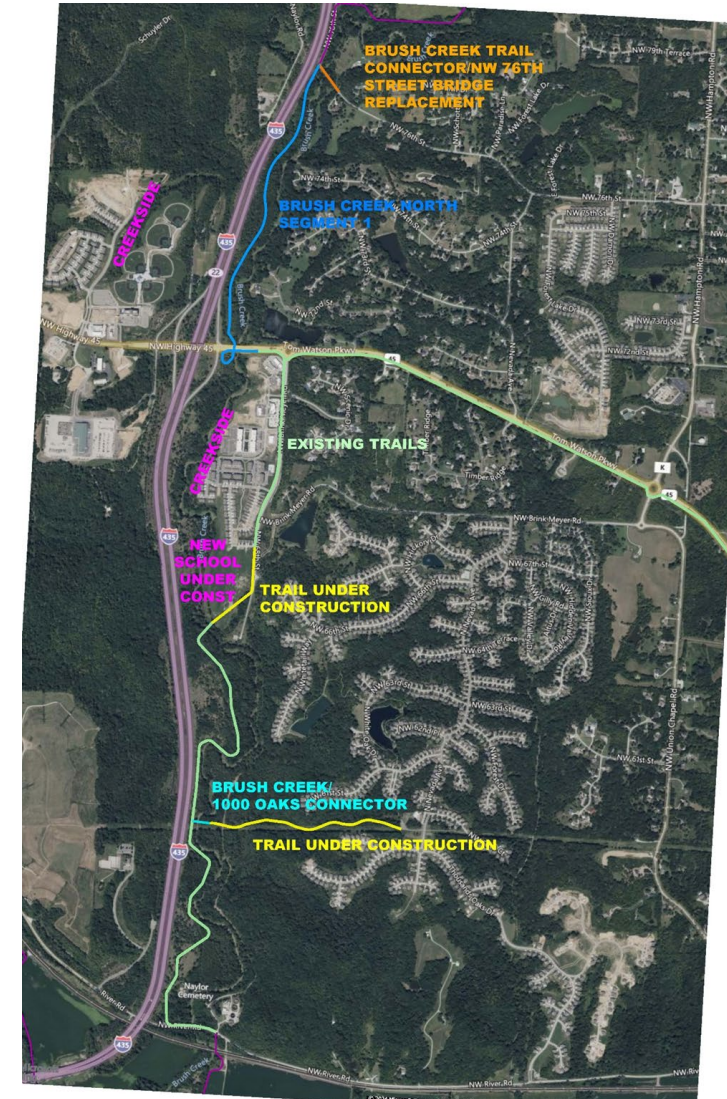




# Platte County 2024 CRP/CMAQ Grants

Project description: Brush Creek North Segment 1 (Blue Line)

- Total TAP request: \$1,500,000
- Total CMAQ request: \$0
- Total CRP request: \$1,500,000
- Total match: \$513,000
- Phaseable/Scalable: No, logical termini do not exist as it completes a gap between two arterials

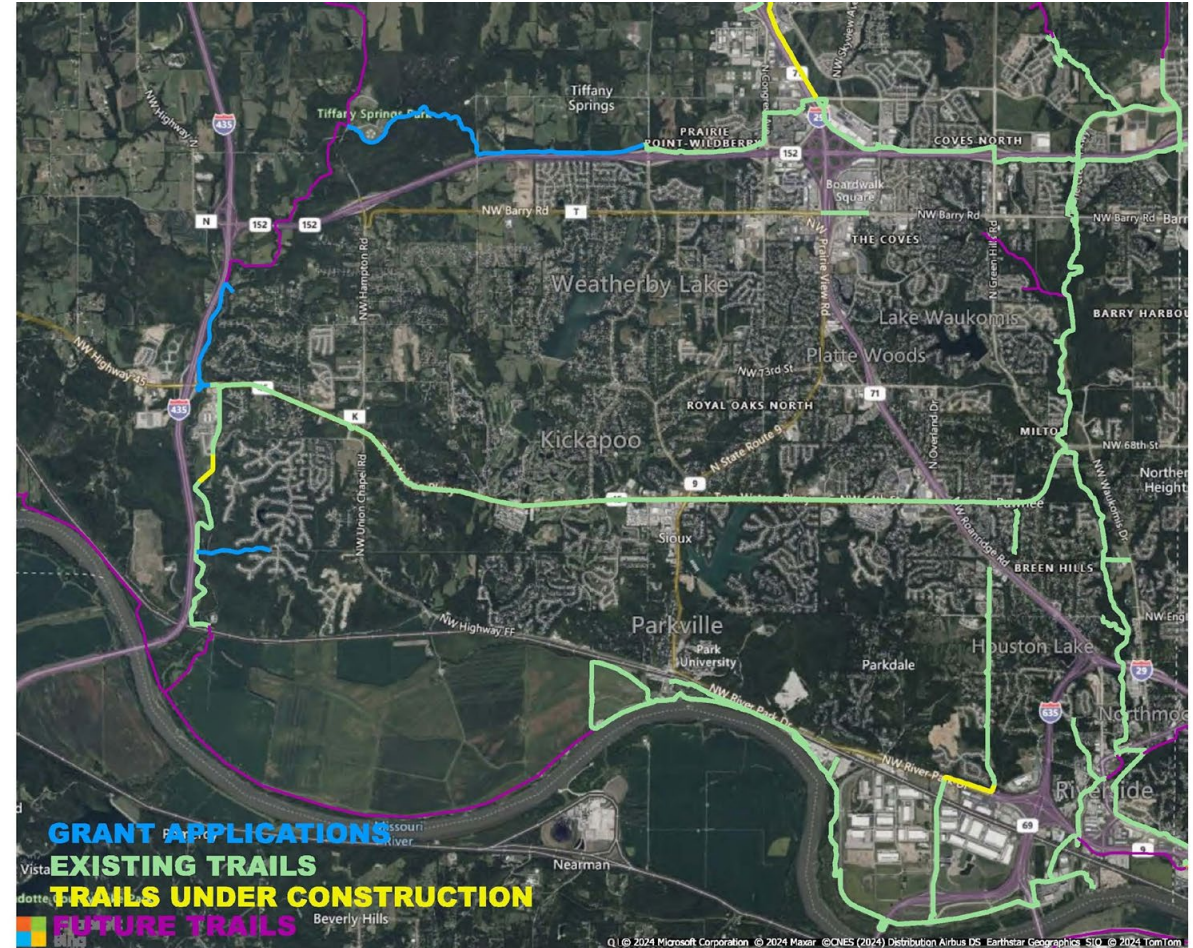




# Platte County 2024 CRP/CMAQ Grants

## Project description: Route 152 Trail Completion

- Total TAP request: \$1,500,000
- Total CMAQ request: \$5,400,000
- Total CRP request: \$5,400,000
- Total match: \$1,389,000
- Phaseable/Scalable: Yes, project was submitted in two separate segments for TAP and as a whole for CMAQ and CRP



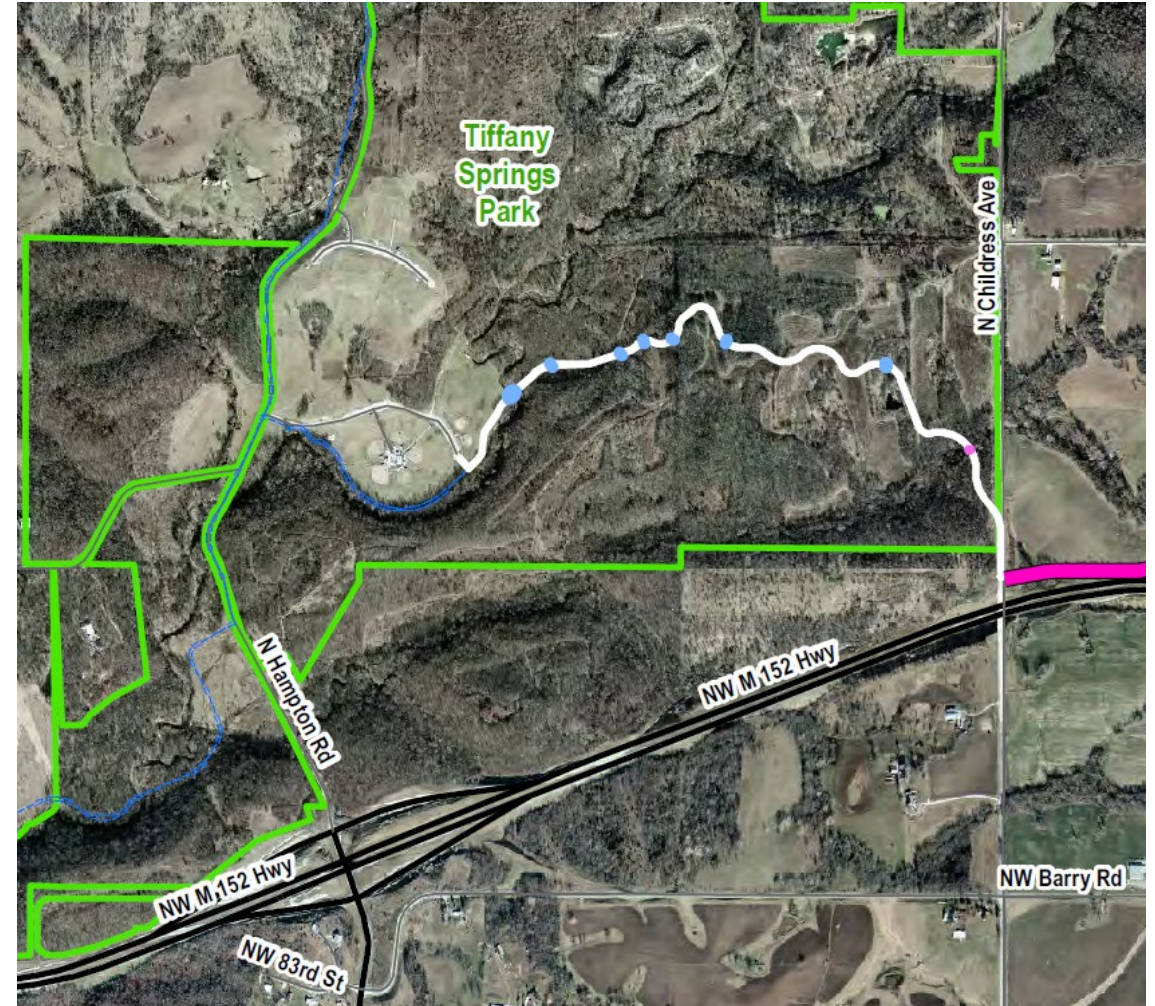




# Platte County 2024 CRP/CMAQ Grants

Project description: Route 152 Trail Segment 1

- Total TAP request: \$1,500,000
- Total CMAQ request: \$2,750,000
- Total CRP request: \$2,750,000
- Total match: \$695,000
- Phaseable/Scalable: No, logical termini do not exist as it completes a gap between two arterials

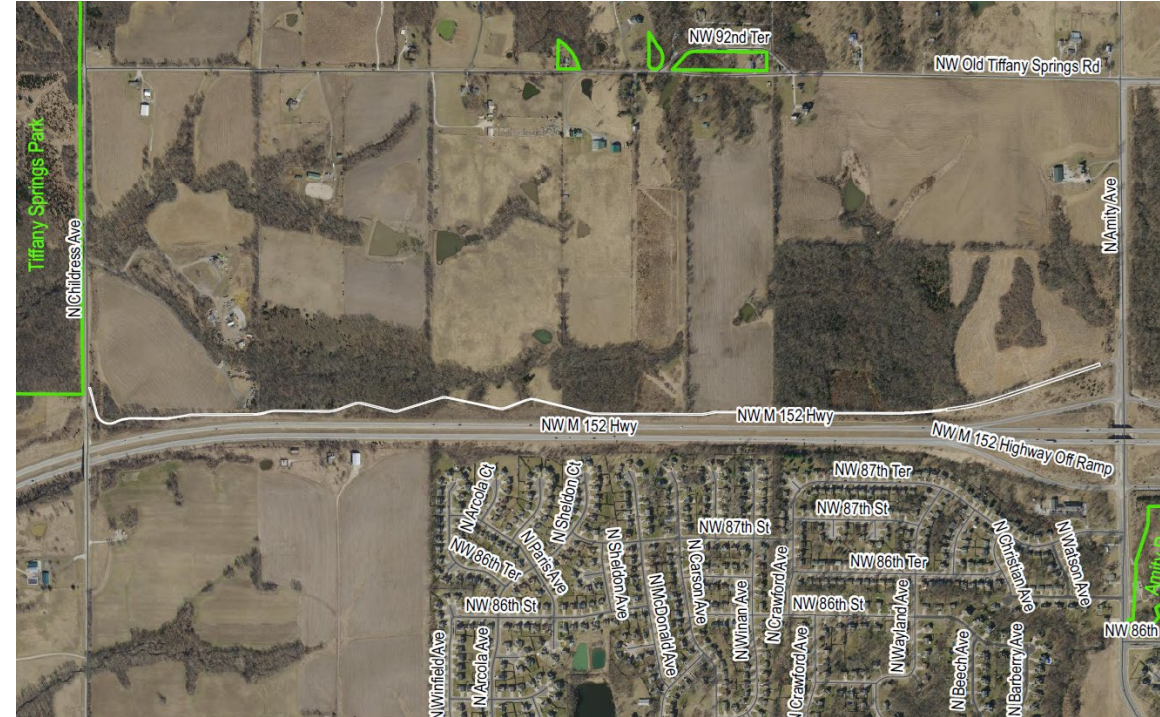




# Platte County 2024 CRP/CMAQ Grants

Project description: Route 152 Trail Segment 2

- Total TAP request: \$1,500,000
- Total CMAQ request: \$2,750,000
- Total CRP request: \$2,750,000
- Total match: \$695,000
- Phaseable/Scalable: No, logical termini do not exist as it completes a gap between two arterials



## **VOTE: Committee Co-Chair Nominations**

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## **DISCUSSION: Special Meeting Schedule**

- **10/14 Project Sponsor Presentations**
  - **10/28 – Programming Meeting #1                      2:00 – 4:00 PM**
  - **11/4 – Programming Meeting #2                      10:00 AM – Noon**
  - **11/5 – Programming Meeting #3                      1:00 – 3:00 PM**
  - **11/13 – Programming Meeting #4                      9:00 AM - Noon**
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## **Adjournment**

**Next meeting: Wednesday, September 28, 2:00 – 4:00 PM**

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