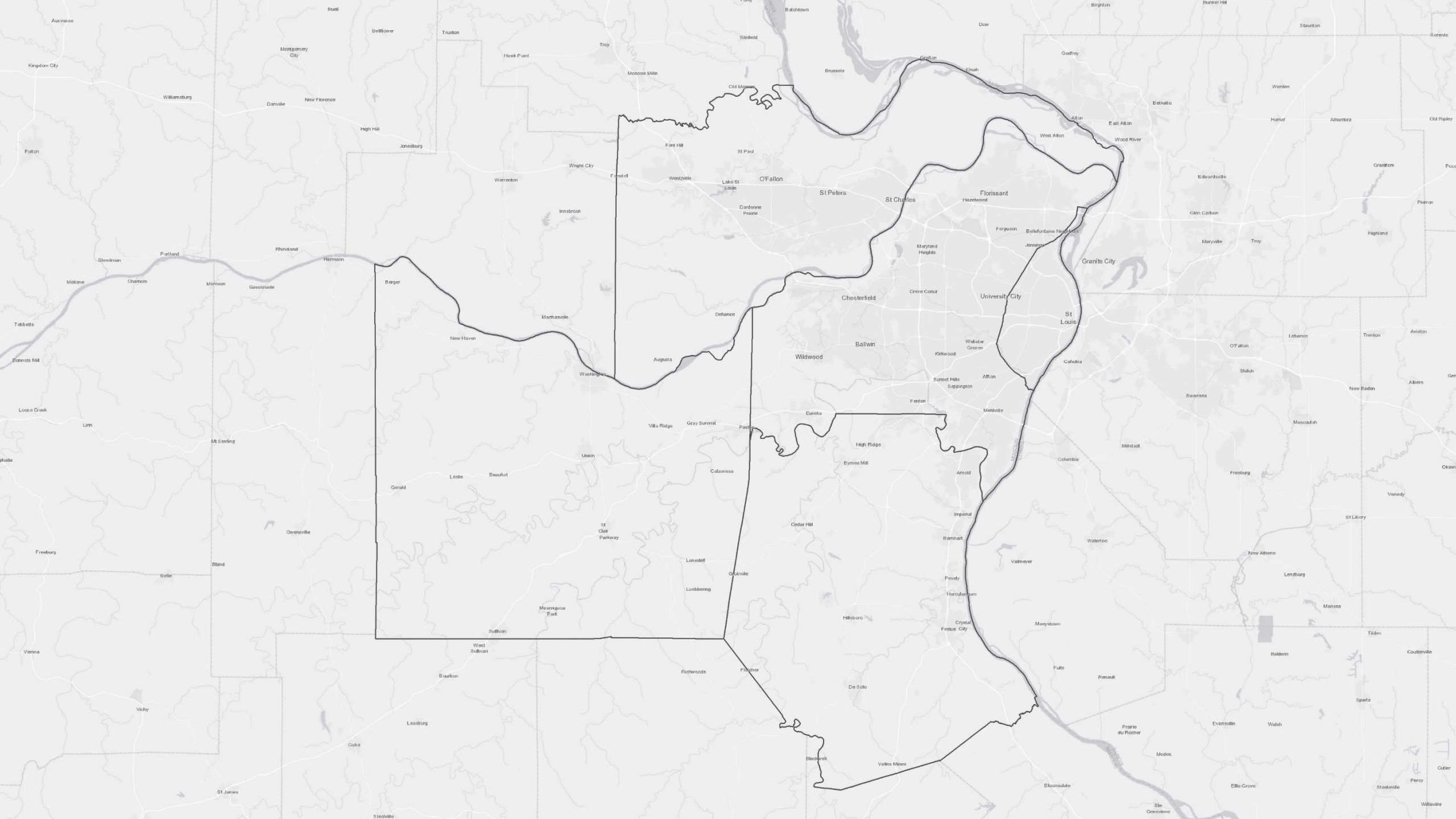


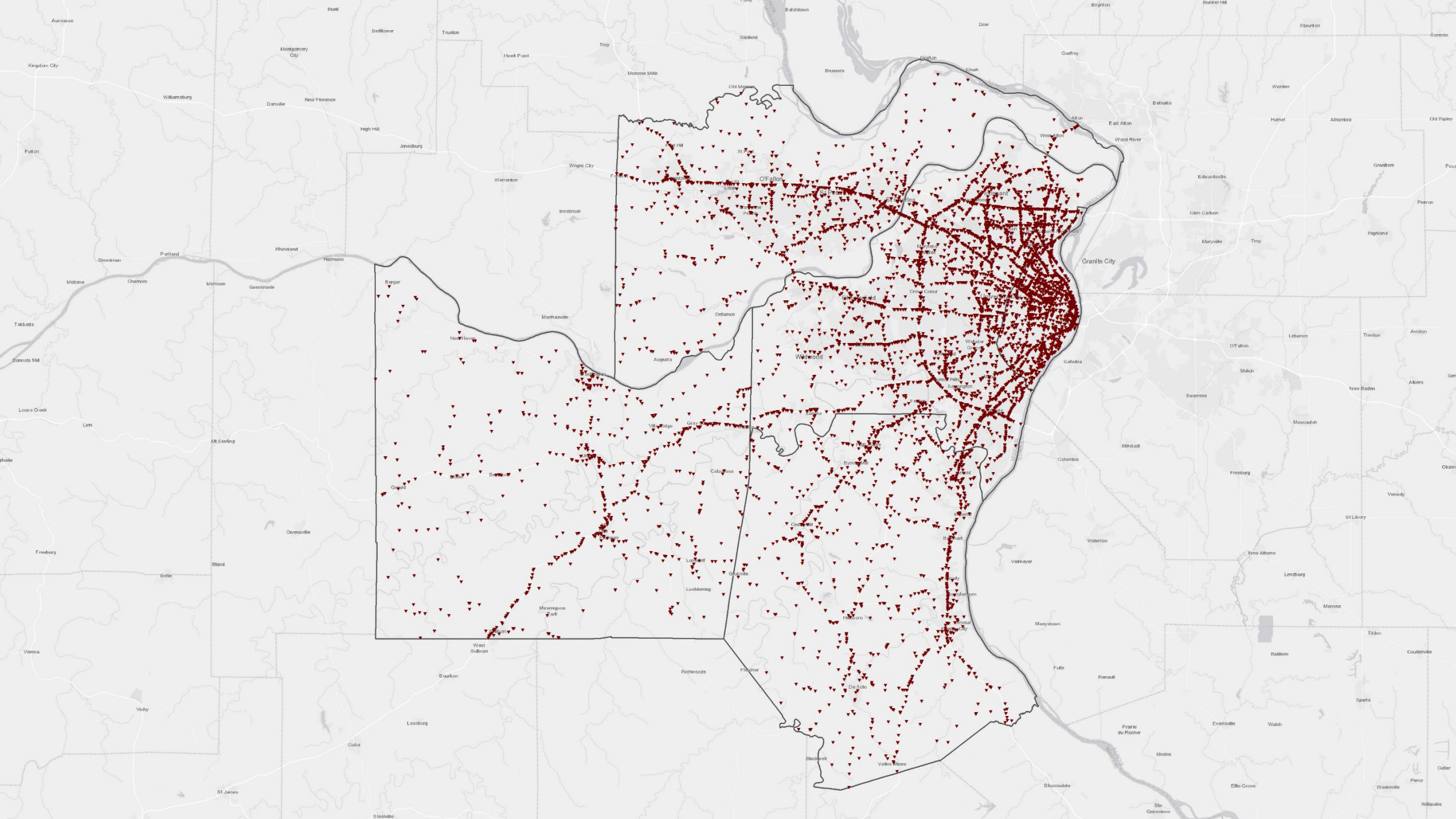


# **SAFETY IMPROVEMENTS PROJECT: A Lifesaving Partnership**

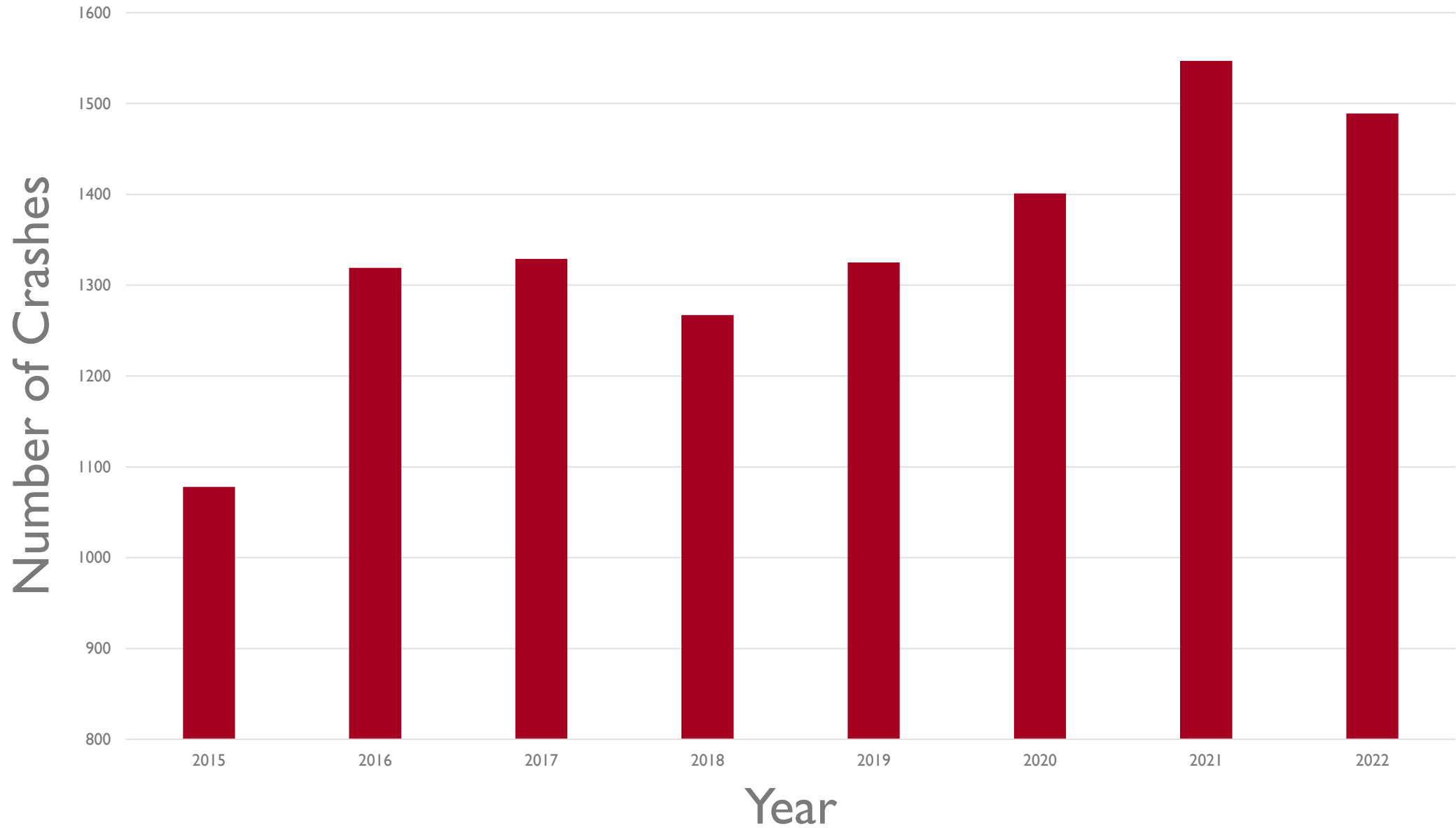
PRE-INDUSTRY MEETING

March 30, 2023





# St. Louis District Fatal and Serious Injury Crashes



# Project Objectives

*Save lives and reduce serious injuries!*

Partner with St. Louis County to improve County roads

Reduce requirements on proposers and reviewers

# Overview

The Project will include various locations in MoDOT's St. Louis District and St. Louis County

MoDOT and St. Louis County will provide Proposers with lists of locations and approved countermeasures for those locations in RFP.

Proposer will select locations and countermeasure(s).

# ***We need your help to save lives!***

Help us create a great project:

- Information or changes that may encourage participation
- Any concerns or reservations you have in participating in the project
- Any questions or information that would be helpful

# **Agenda**

Project Overview

Methodology

Survey for Feedback

Discussion



# Owner's Team

Project Director (Procurement & Design) – Stacey Smith

Project Director (Construction) – Nick Gibbons

Team Advisor – Tim Hellebusch

Team Members – Chris Becker, Glenn Konersmann, Daniel Steinmeyer

Team Support – Dave Simmons (DLE), Eddie Watkins (TR), Katy Harlan (TR), Ploisongsaeng Intaratip (TR), Jacobs

St. Louis County – Joe Kulessa, Glenn Henninger, Betty Tesfu, Ryan Pierce

FHWA – Felix Gonzalez

# Owner's Consultant Team

*Note: These firms are ineligible to compete on this project.*

Jacobs (including StreetLight Data, Inc)

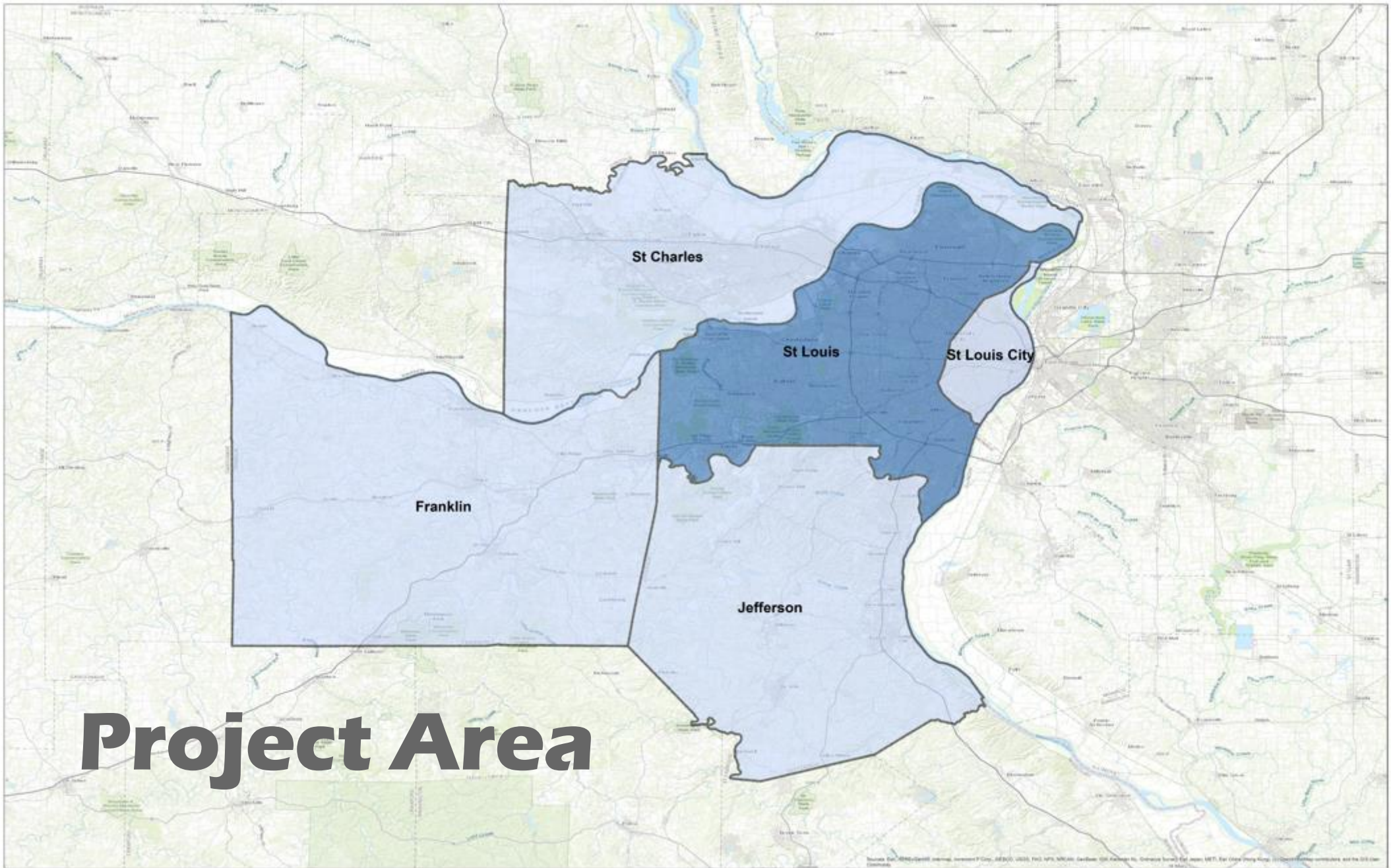
EFK Moen, LLC

Kivindy Engineering Services

Vector Communications Corporation

# Goals

1. Reduce fatal and serious injury crashes within the budget of \$49 million.
2. Maximize safety improvements for pedestrians and roadway users distributed equitably across the project area.
3. Provide improvements with reasonable maintenance and service life.
4. Construct improvements with an emphasis on safety for workers and the traveling public.
5. Deliver the project by June 30, 2026 using a diverse workforce.



# Project Area

# Total Budget

J6P3496 (MoDOT)

**\$45 million**

J6P3496B (County)

**\$4 million**

# Anticipated Procurement Schedule

	Activity	Proposed Date
Phase 1	Project Advertisement	June 2023
	Industry Meeting/RFQ Release	July 2023
	SOQs Due	August 2023
	Shortlist	August 2023
Phase 2	RFP Release	August 2023
	One-on-one Technical Meetings	September through December 2023
	Proposals Due	December 2023
	Award at MHTC Meeting	Early 2024

# Post-Award Schedule

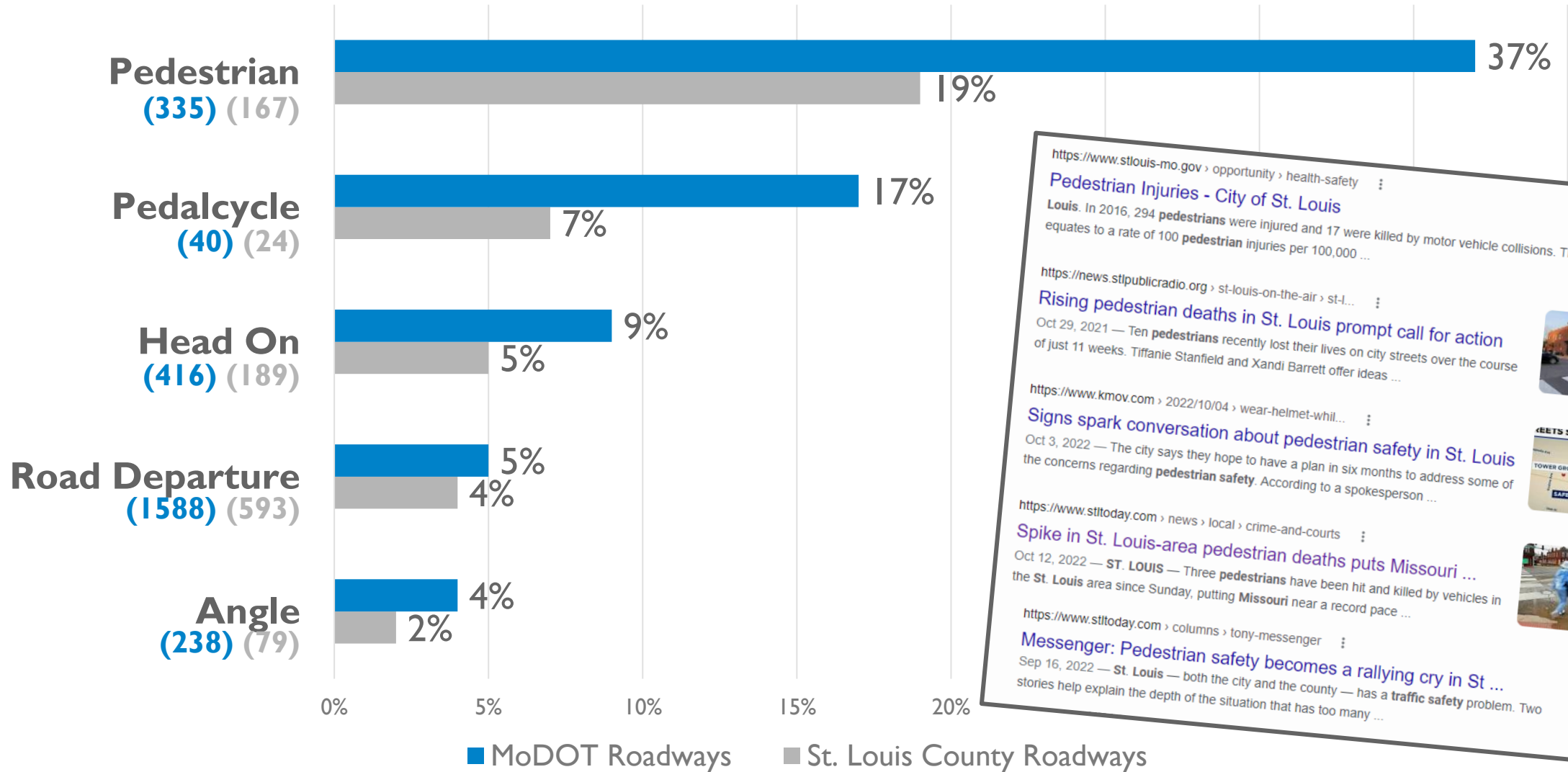
Activity	Proposed Date
Design Begins (NTP-1)	Spring 2024
Construction Begins (NTP-2)	Summer 2024
Project Completion	June 30, 2026

# Goals

1. Reduce fatal and serious injury crashes within the budget of \$49 million.
2. Maximize safety improvements for pedestrians and roadway users distributed equitably across the project area.
3. Provide improvements with reasonable maintenance and service life.
4. Construct improvements with an emphasis on safety for workers and the traveling public.
5. Deliver the project by June 30, 2026 using a diverse workforce.



# Fatal and Serious Injury Rate by Crash Type



<https://www.stlouis-mo.gov/opportunity/health-safety> :  
**Pedestrian Injuries - City of St. Louis**  
 Louis. In 2016, 294 pedestrians were injured and 17 were killed by motor vehicle collisions. This equates to a rate of 100 pedestrian injuries per 100,000 ...

<https://news.stpublicradio.org/st-louis-on-the-air/st-l...> :  
**Rising pedestrian deaths in St. Louis prompt call for action**  
 Oct 29, 2021 — Ten pedestrians recently lost their lives on city streets over the course of just 11 weeks. Tiffanie Stanfield and Xandi Barrett offer ideas ...

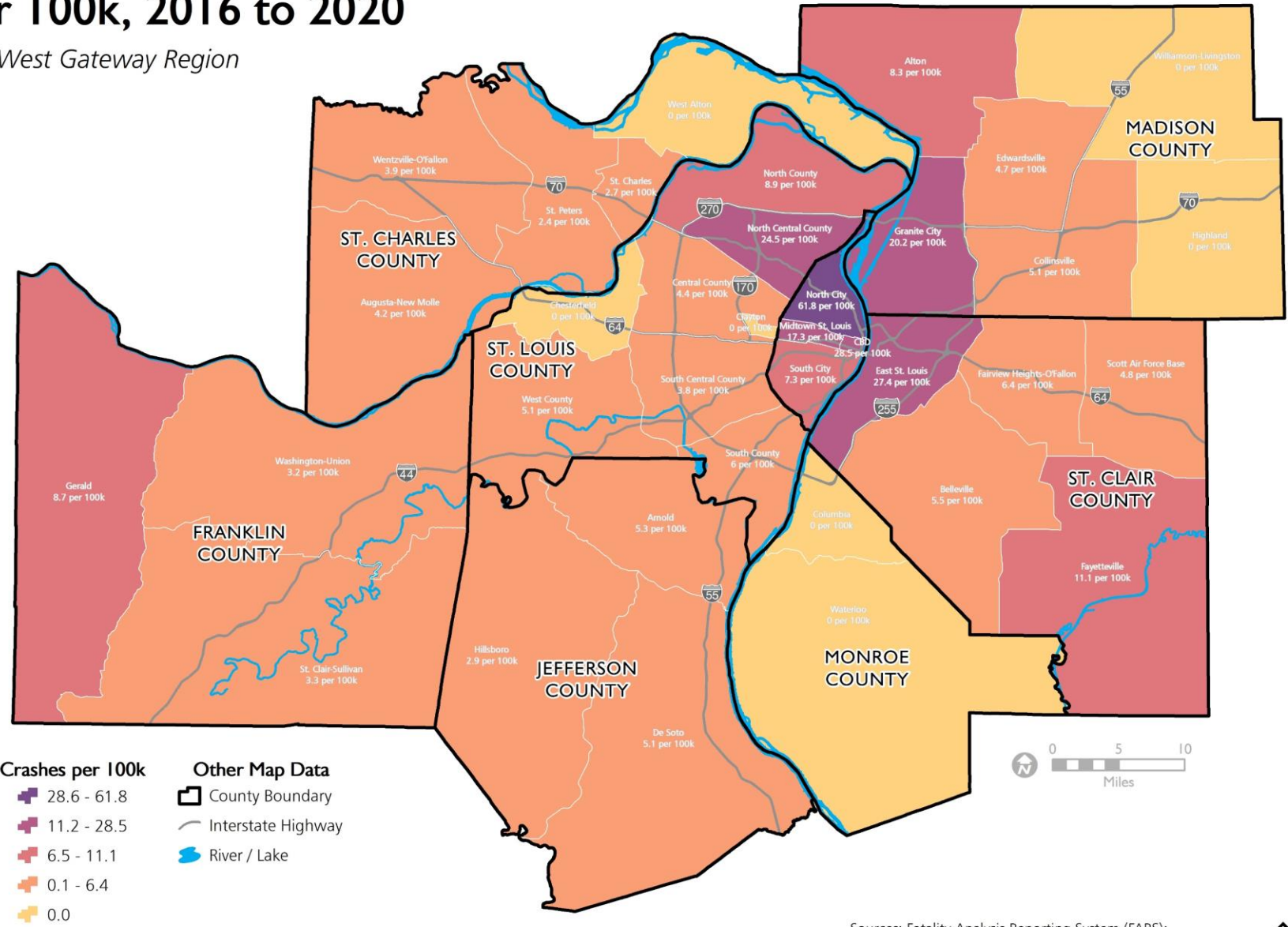
<https://www.kmov.com/2022/10/04/wear-helmet-whil...> :  
**Signs spark conversation about pedestrian safety in St. Louis**  
 Oct 3, 2022 — The city says they hope to have a plan in six months to address some of the concerns regarding pedestrian safety. According to a spokesperson ...

<https://www.stltoday.com/news/local/crime-and-courts> :  
**Spike in St. Louis-area pedestrian deaths puts Missouri ...**  
 Oct 12, 2022 — ST. LOUIS — Three pedestrians have been hit and killed by vehicles in the St. Louis area since Sunday, putting Missouri near a record pace ...

<https://www.stltoday.com/columns/tony-messenger> :  
**Messenger: Pedestrian safety becomes a rallying cry in St ...**  
 Sep 16, 2022 — St. Louis — both the city and the county — has a traffic safety problem. Two stories help explain the depth of the situation that has too many ...

# Bicycle and Pedestrian Crash Fatalities per 100k, 2016 to 2020

East-West Gateway Region

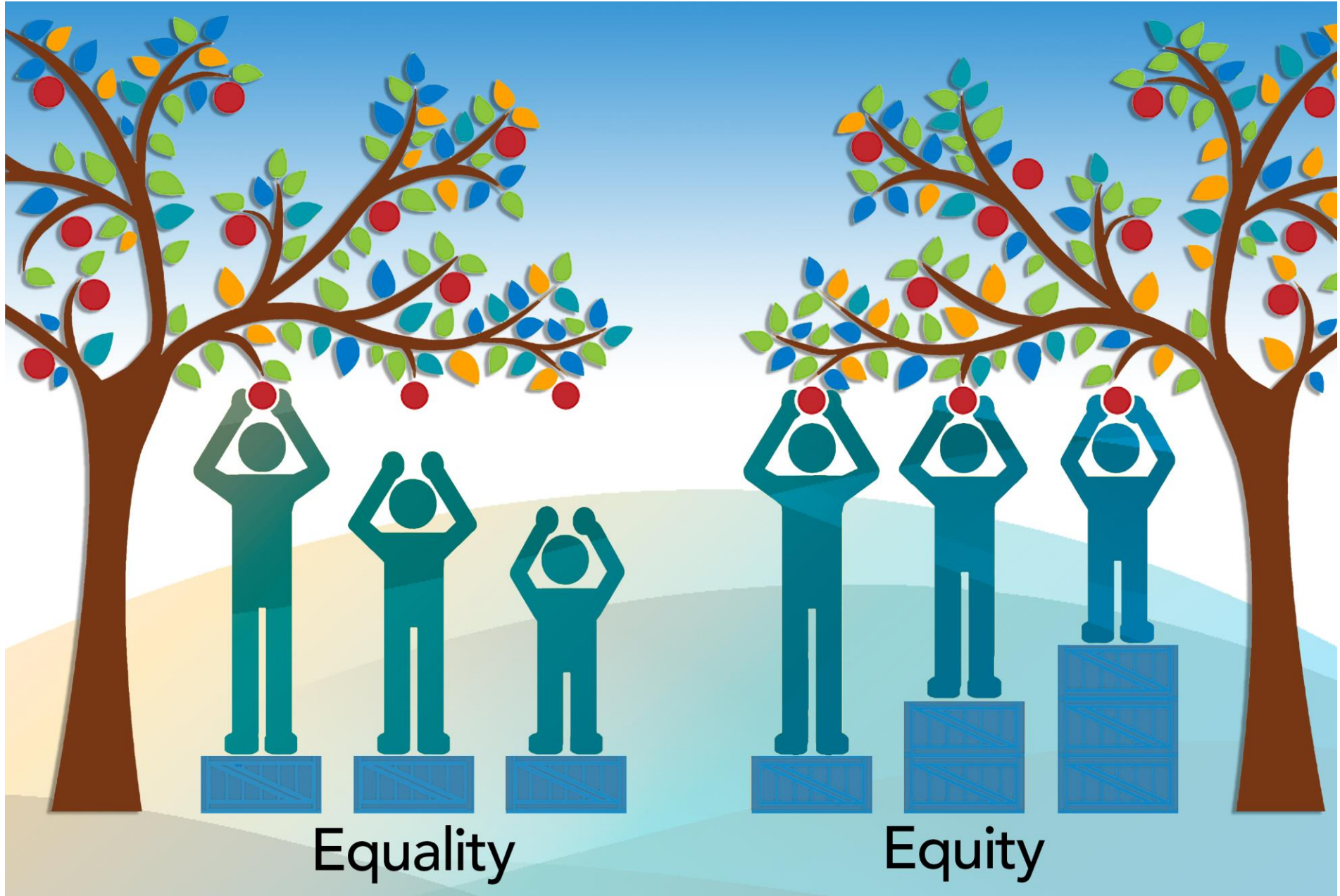


Data is depicted by East-West Gateway analysis zones.

Sources: Fatality Analysis Reporting System (FARS);  
2020 Census State Redistricting Data  
(Public Law 94-171) Summary File Illinois, Missouri;  
East-West Gateway Council of Governments

# ***What do we mean by “equitably”?***

Equity in transportation seeks fairness in mobility and accessibility to meet the needs of all community members.



Equality

Equity

# ***What do we mean by “equitably”?***

For this project:

- MoDOT will provide a map of disadvantaged communities
- Proposer will meet a required threshold

# Two-Pronged Approach

## HOT SPOT

Reactive

Implement countermeasures at existing crash locations

## SYSTEMIC

Proactive

Implement countermeasures at potential crash locations

Mostly focused on pedestrian improvements

# Proposed Evaluation Method

*How will design-build teams compete?*

## MoDOT-Owned Locations

- Provide **systemic** pedestrian safety improvements to required threshold
- Maximize **hot spot** safety improvements within MoDOT budget

## St. Louis County-Owned Locations

- Maximize **hot spot** safety improvements within St. Louis County budget

*NOTE: Systemic and Hot Spot points are separate analyses and shall not be compared to each other.*

# Next Step: Define Project Scope

**Shorter  
Location List**

**Longer  
Location List**



Limits Contractor Choice  
Reduces Contractor Risk

Promotes Contractor Choice  
Increases Contractor Risk



# **For more information...**

Information for immediate release:

- Video and PowerPoint slides

Items for possible future release:

- Q&A from today
- Analysis methodology summary
- Potential countermeasure list
- Potential location list
- Draft Instructions to Proposers and scoring metrics

For access, email [SLSafetyProject@modot.mo.gov](mailto:SLSafetyProject@modot.mo.gov)

# **Your feedback matters!**

What we've heard so far...

- Level of effort during procurement was very high
- Location list limited innovation
- Shortlist was too long



Saint Louis  
**COUNTY**  

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**TRANSPORTATION**  

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**PUBLIC WORKS**  

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# Thank you!

For access to project information, email  
[SLSafetyProject@modot.mo.gov](mailto:SLSafetyProject@modot.mo.gov)