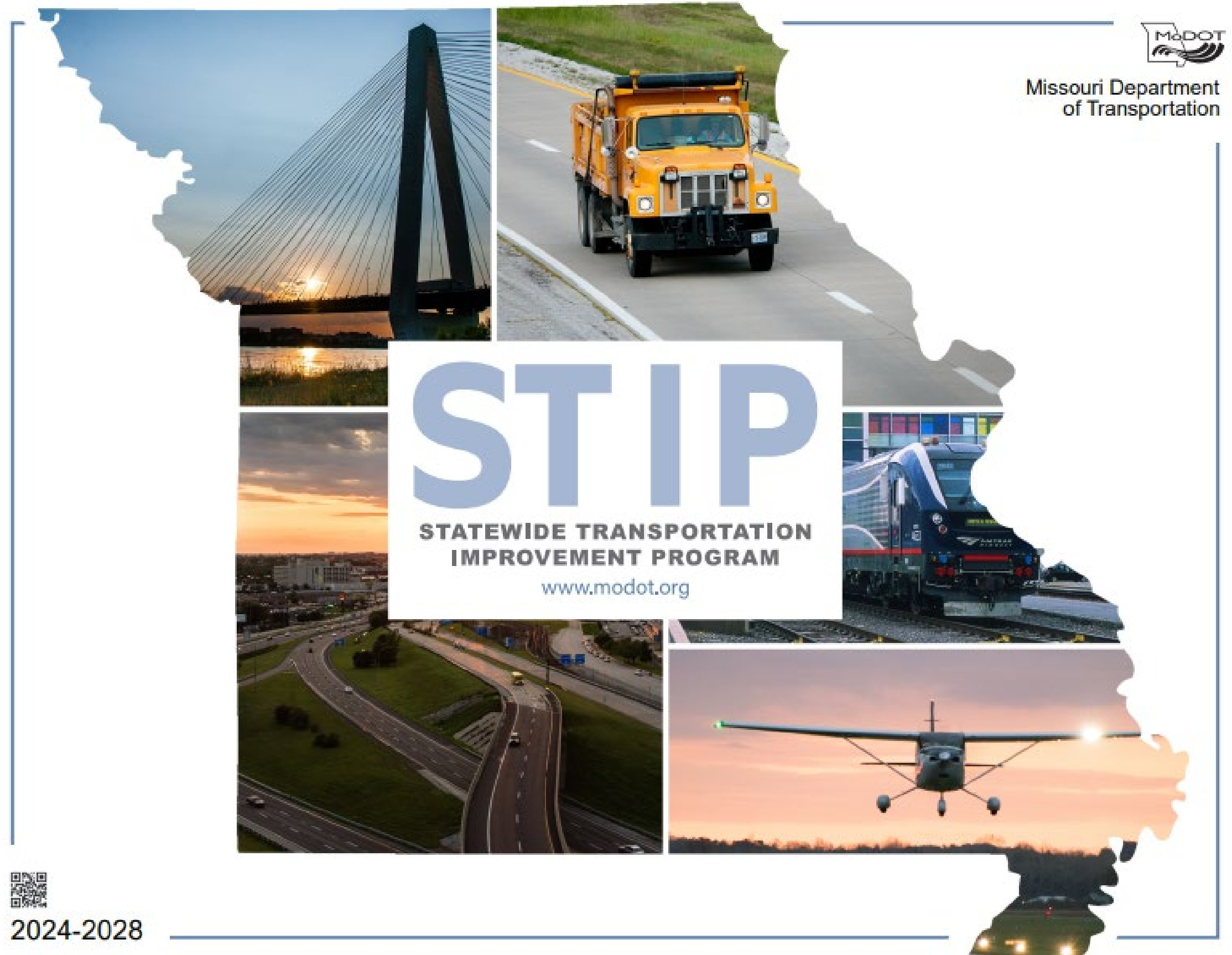


2024 Statewide Planning Partner Meeting



2024-2028



SAFETY PROCEDURES

- Fire
- Weather
- Medical Emergency



EXECUTIVE UPDATE

2024 PLANNING PARTNER MEETING

Patrick McKenna
MoDOT Director

YEAR IN REVIEW

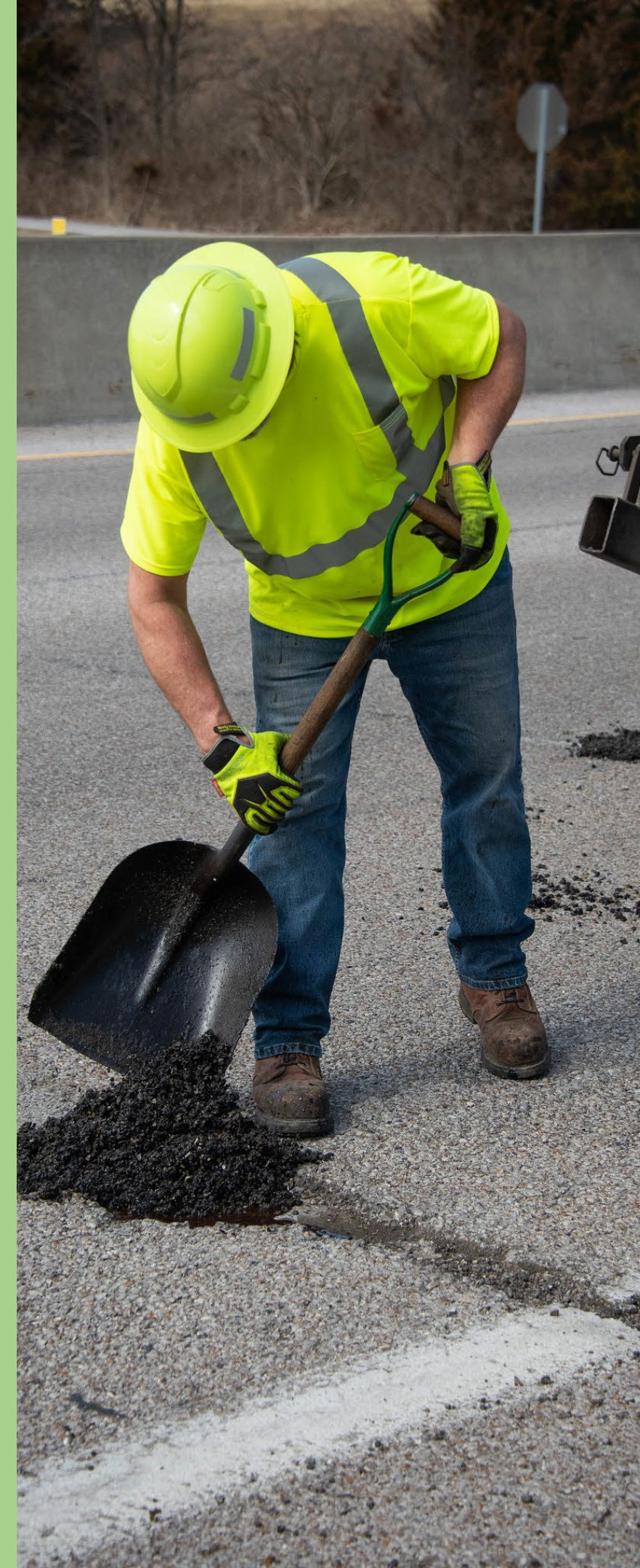
- FY24-28 STIP includes record \$14 billion for projects
- \$2.8 billion in General Revenue to improve I-70
- Hands-free law passes in Missouri
- Major projects wrapped up: I-270, FARM Bridge Program, Focus on Bridges



COST OF OPERATIONS

In FY 2023, MoDOT invested \$630 million to provide services, such as:

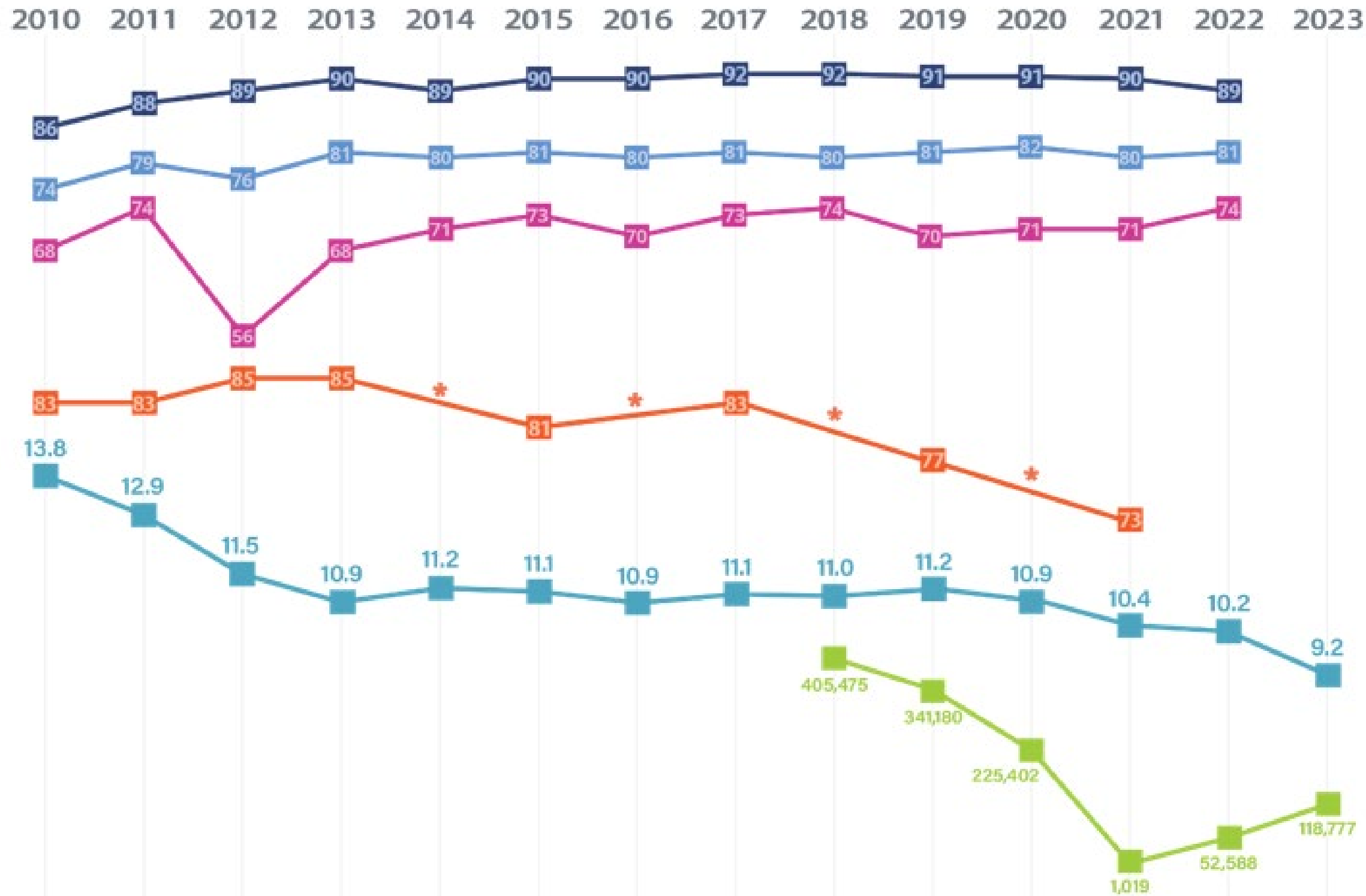
- Pavement repairs and sealing
- Winter operations
- Bridge maintenance
- Striping
- Traffic signs and signals
- Mowing



OPERATIONAL CHALLENGES

Road Condition and Customer Satisfaction

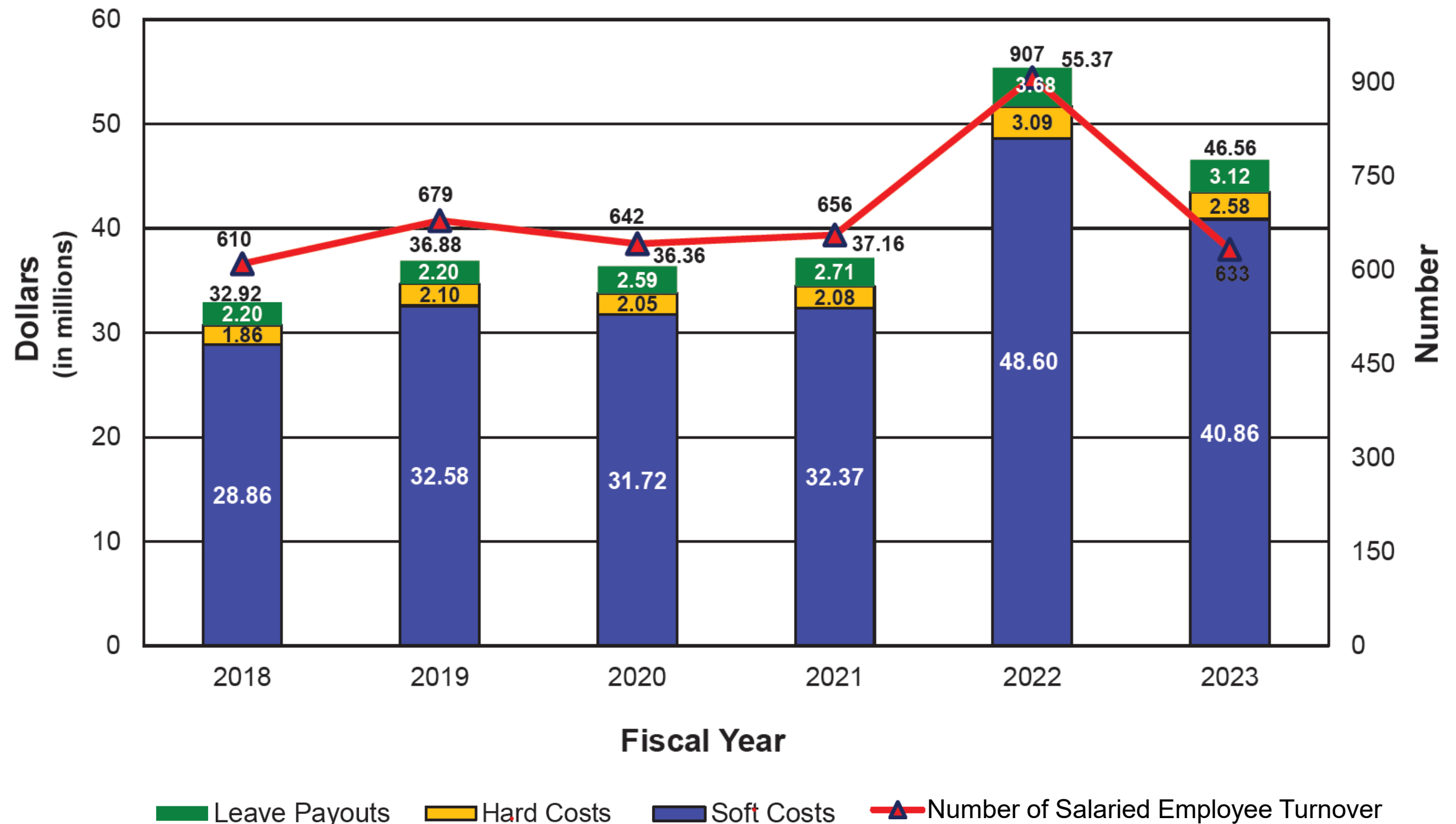
- % Major Highways in Good Condition
- % Minor Routes in Good Condition (rounded)
- % Low-volume Routes in Good Condition (rounded)
- % Overall Customer Satisfaction
- * Survey not conducted for these years.
- # Labor Hours (in millions)
- # Incarcerated Labor Hours



ANNUAL TURNOVER

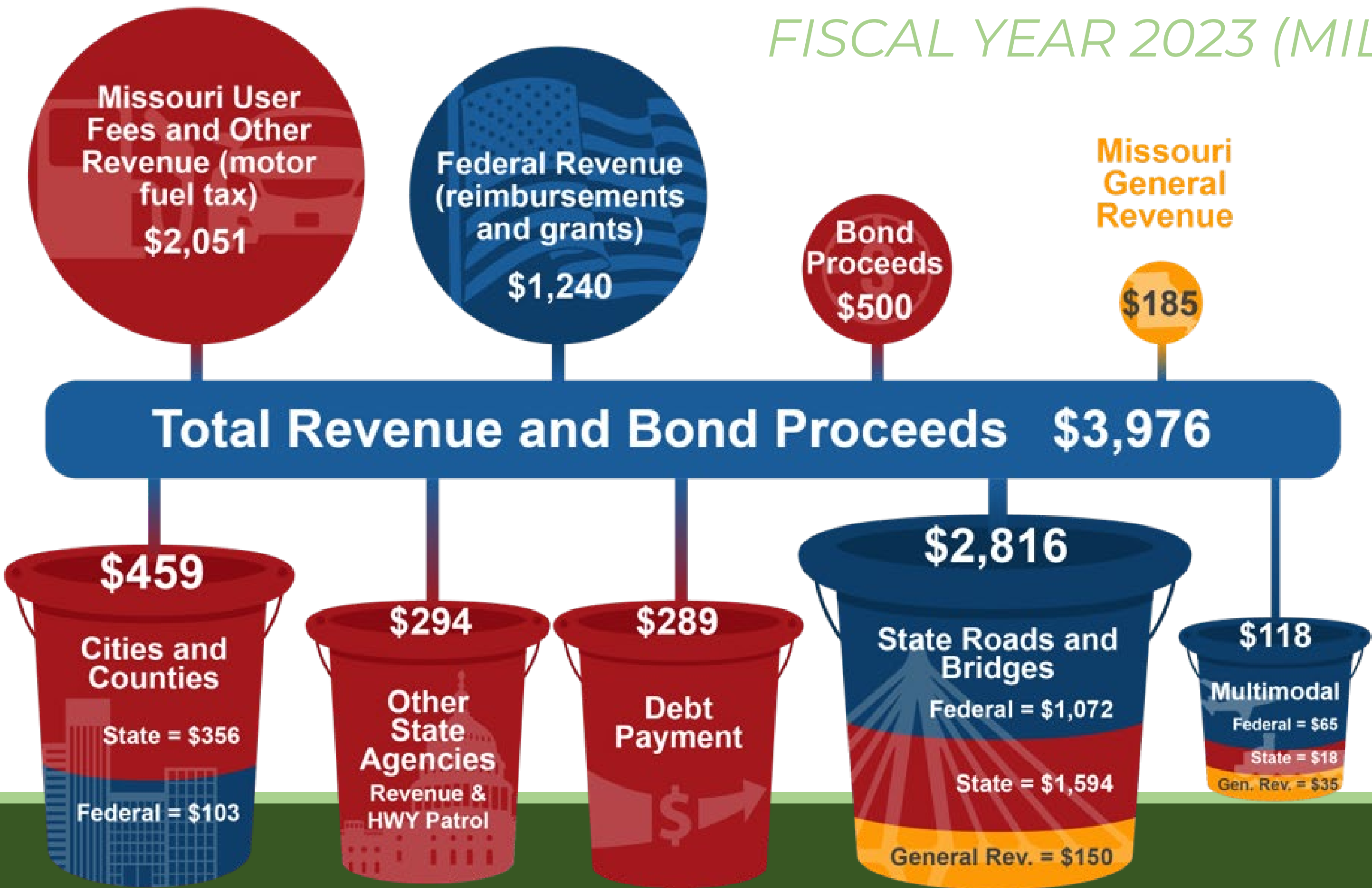
- Since 2016, turnover nearly 90% of workforce
- More than 630 employees left in 2023
- Costing \$46 million in turnover costs

COST OF TURNOVER



MISSOURI TRANSPORTATION FUNDING

FISCAL YEAR 2023 (MILLIONS)





The Annual Comprehensive Financial Report

for the fiscal year ended **June 30, 2023**

2023

Missouri
Department of
Transportation

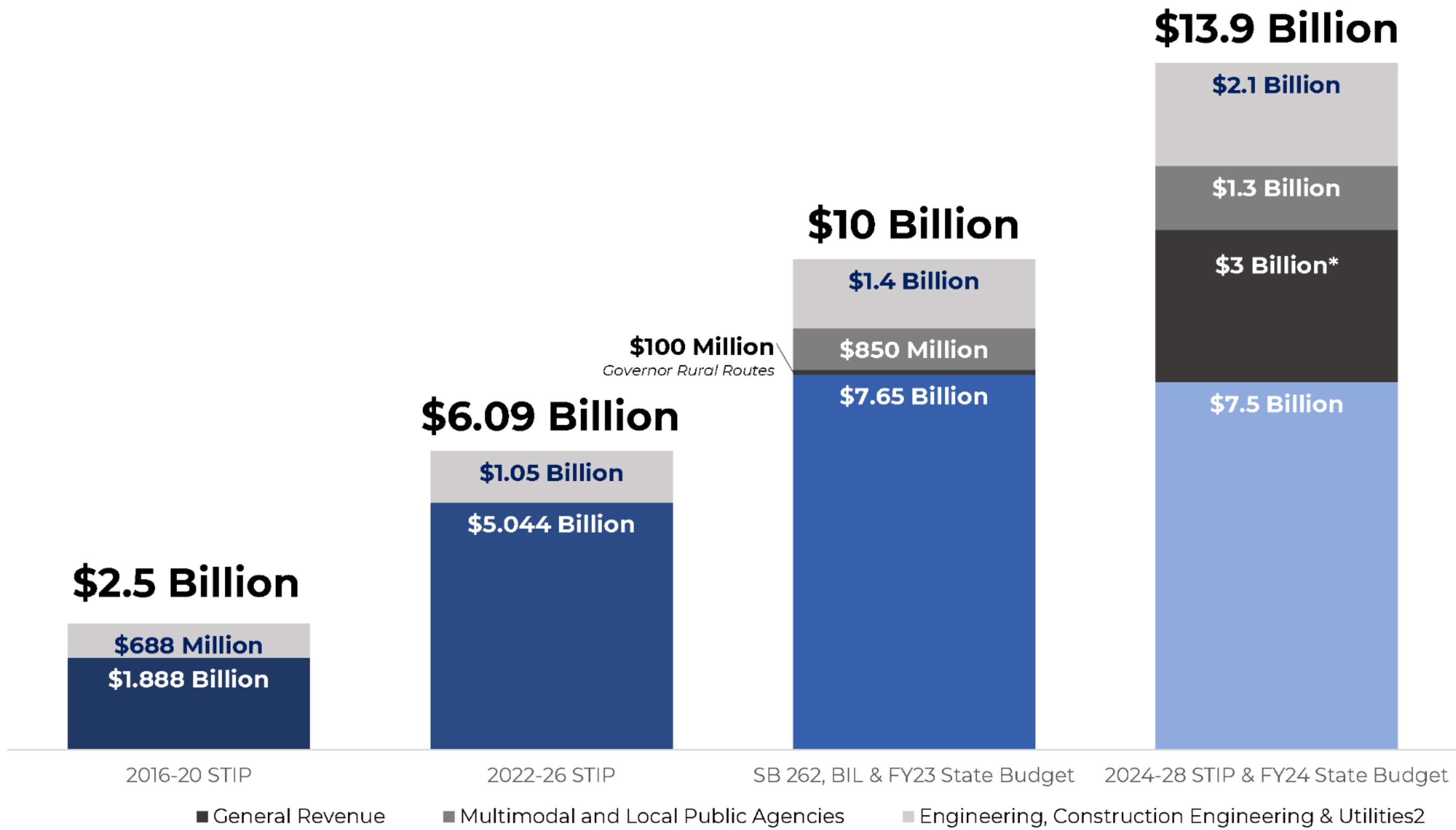
An agency of the State of Missouri



www.modot.org

FINANCIAL FACTS AND NET ASSETS

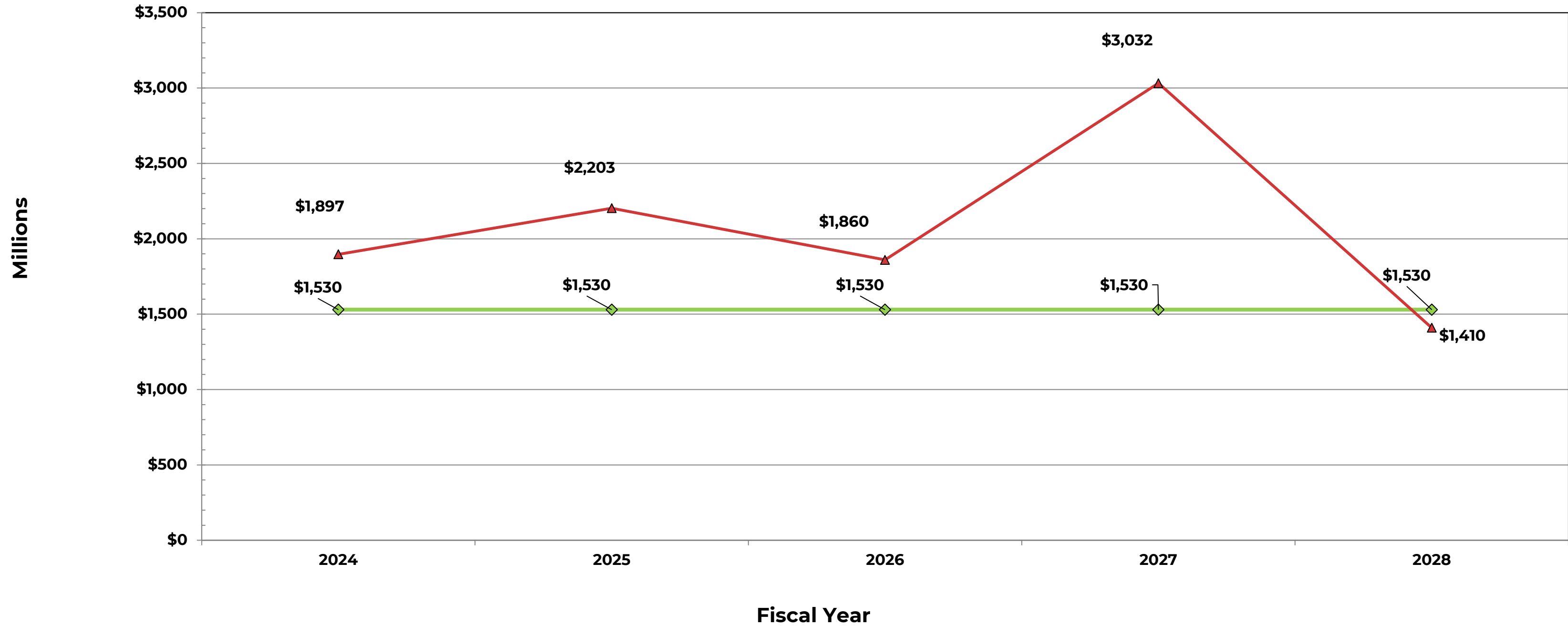
<i>\$ millions</i>	2023	2016	Change	% Change
Est. Replacement Cost of Roads and Bridges	171,000	125,000	35,000	28%
STIP Annual Investment	1,530	378	1,152	305%
Investment/ Replacement Cost	0.89%	0.30%	0 .65%	216%
Capital Assets	60.9	54.5	4.9	9%
Accumulated Depreciation	28.0	24.6	3.0	12.2%
Net Position	31.5	27.0	5.0	18.5%



*General Revenue for the Reconstruction and Expansion of Interstate 70, Governor Rural Routes, and more

2024-2028 STIP

CONTRACTOR AWARDS



◆ January 2022

▲ Jun-23

INFLATION CHALLENGES

- Construction bids in FY 2023 20% higher than expected
- Adjusted all project costs in the STIP last year
- Cost \$1.2 billion = fewer new projects
- FY 2024: contracts are within a few percentage points

IMPROVE I-70

- \$92m INFRA grant: work zone technology, traffic cameras, additional truck parking, etc.
- First design-build project (Columbia to Kingdom City) awarded Feb. 14 - Construction to begin in the summer
- Next design-build project (Warrenton to Wentzville) begins procurement in the summer with contract award in late 2024
- More information: modot.org/improveI70



IMPROVE I-70

- Design-Build contract for Project #1 awarded in February to Millstone Weber
 - 20 miles between Columbia (U.S. 63) and Kingdom City (U.S. 54)
 - Includes interchange improvements at U.S. 63 and U.S. 54
 - Completion: late 2027
 - More information: modot.org/improveI70



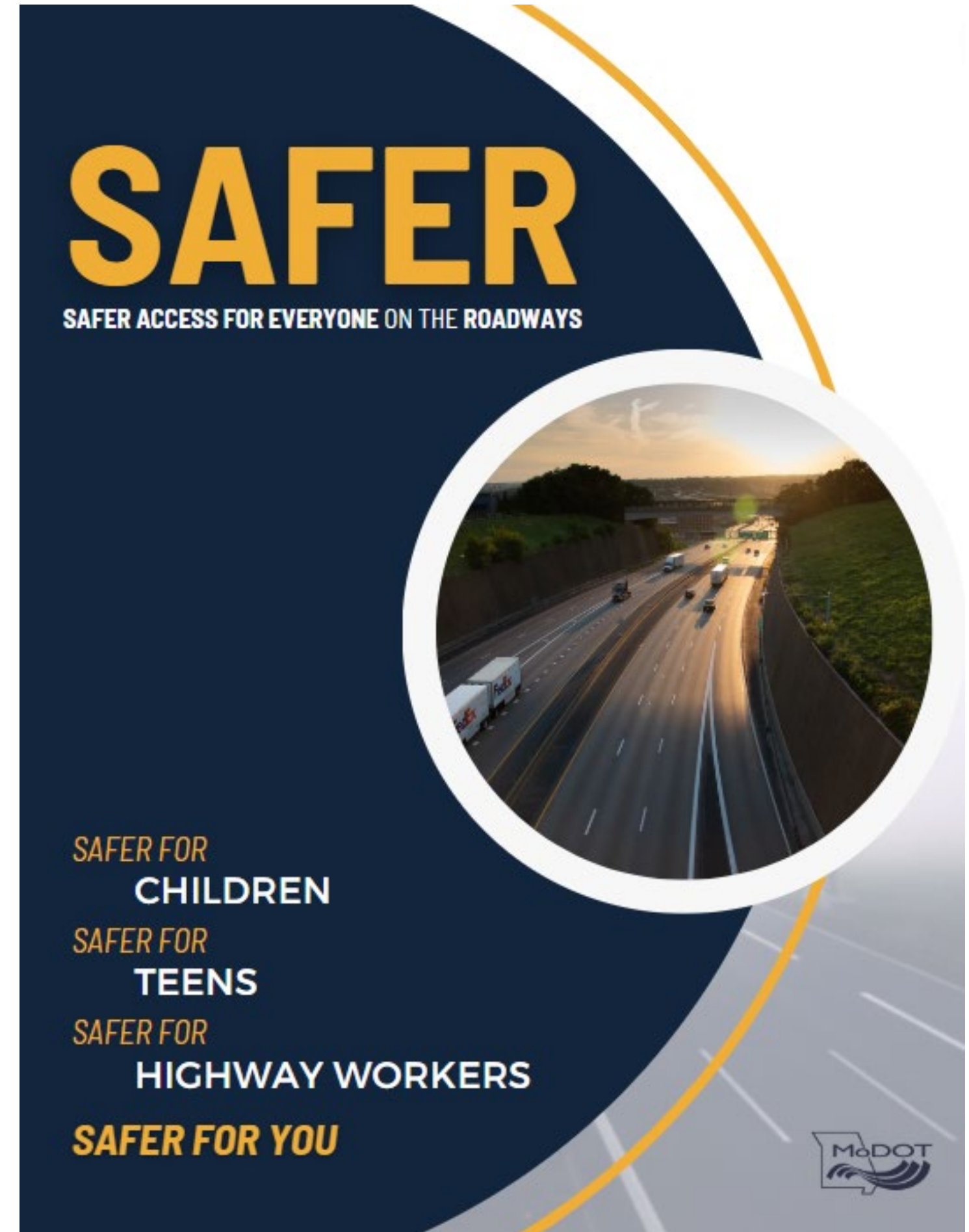
FORWARD 44

- \$20 million for environmental study of 250+ miles
- Two consultants hired to study corridor from Oklahoma state line to Route 100 interchange in Franklin County
 - \$5.8 million contract
- Goal to update 2008 Purpose and Need study and break corridor into logical segments for further study and prepare for future design and construction
- More information: modot.org/forward44



LEGISLATIVE EFFORTS

- Safety Omnibus Package: SAFER
- Passed legislation in 2023:
 - Siddens Bening Hands Free Law
 - Secondary texting ban



LEGISLATIVE EFFORTS

EXISTING POLICIES

- ✓ BAC License Revocation
- ✓ Good Samaritan
- ✓ In-Person License Renewal
- ✓ Medical Review Board
- ✓ GDL Holding Period
- ✓ Child Endangerment
- ✓ Hands-Free for All Drivers
- ✗ Rear Facing Through Age 2
- ✗ Booster Seat
- ✗ Children Left in Hot Cars
- ✗ Bicycle Helmets for Young Riders
- ✗ Cell Phone Ban for Teens and Novice Drivers
- ✗ GDL Young Passenger Restriction
- ✗ GDL Nighttime Restriction
- ✗ GDL Stronger Supervised Driving Requirement
- ✗ GDL Minimum Age 16 for Learner's Permit
- ✗ GDL Age 18 for Unrestricted License
- ✗ Automated Enforcement
- ✗ Endangerment of a Highway Worker
- ✗ Ignition Interlock
- ✗ Open Container
- ✗ Primary Seat Belt
- ✗ Motorcycle Helmets
- ✗ Electric Bicycles
- ✗

Transportation Planning Update

First and foremost:

Thank you!



MoDOT Carbon Reduction Strategy

November 2023

Missouri

HIGH-PRIORITY UNFUNDED NEEDS



Oct. 2023





LONG RANGE PLAN UPDATE

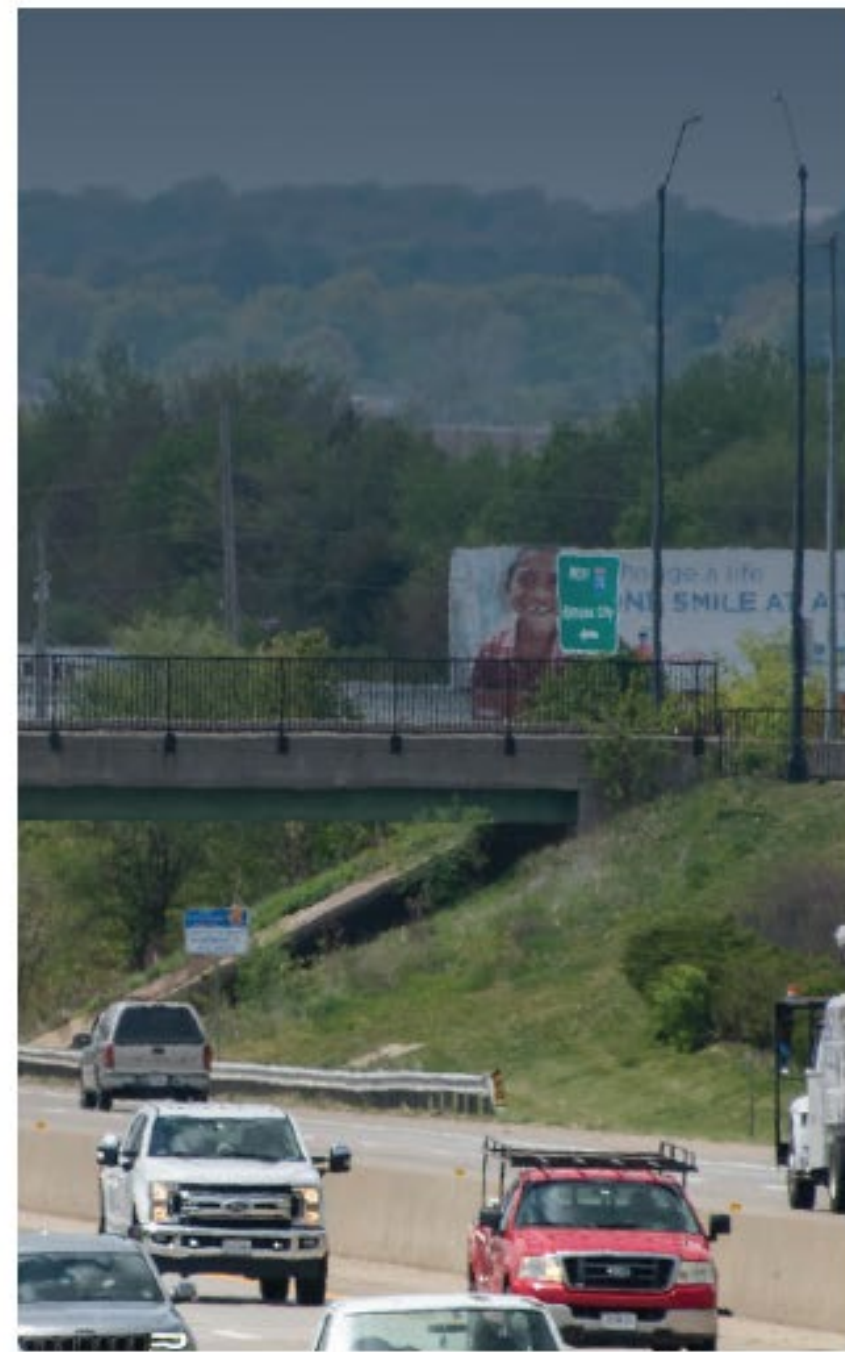
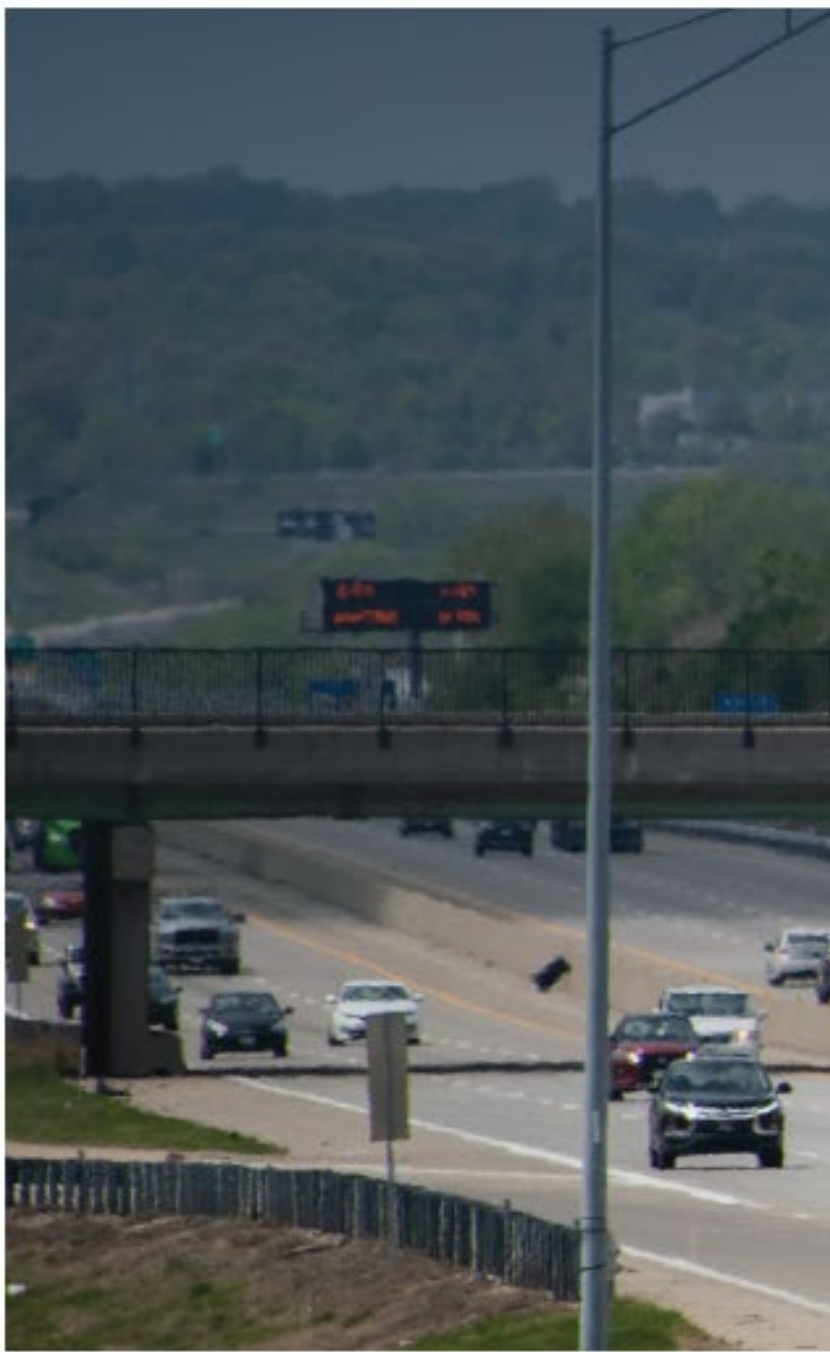
Executive Summary





2022 MISSOURI State Freight & Rail Plan





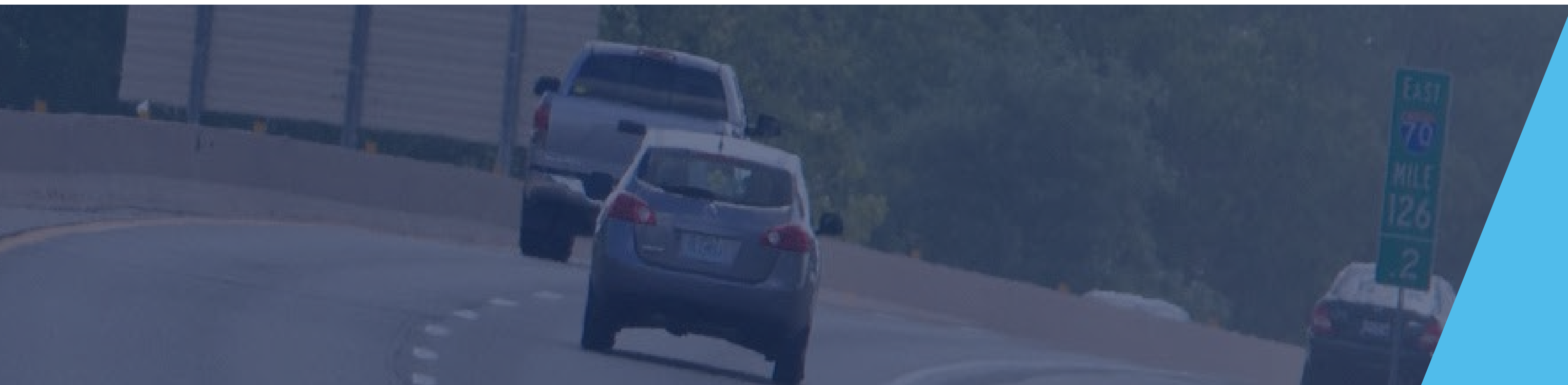
Missouri Department
of Transportation
modot.org

Improve I-70

**Liz Prestwood,
Spencer Robinson**
February 29, 2024



2024 INFRA Award for Improve I-70 Program



Improve I-70 MEGA/INFRA Grant

- MoDOT submitted an aggressive MEGA/INFRA grant application totaling almost \$300M requested funding
- Leverage \$2.8B of general revenue to add innovation and safety enhancements to the project
- In January 2024 MoDOT was notified of a partial award of \$92.8M for the first three segments
 - Blue Springs to Odessa
 - Route 63 to Route 54
 - Warrenton to I-64

IMPROVE I-70



AUGUST 2023

Planned Capacity Improvements Blue Springs to Wentzville

Additional Capacity Improvements Kansas City and St. Louis

- Under Construction - \$271 million
- Funded - \$2.8 billion
from General Revenue

- Under Construction - \$720 million
- Funded - \$304 million



Kansas City

- \$257 million
Buck O'Neil Bridge
- \$11 million
Blue Ridge Boulevard
- \$249 million
Paseo to I-435



Blue Springs to Odessa
Average Daily Traffic: 51,800

- \$0
- \$200-300 million



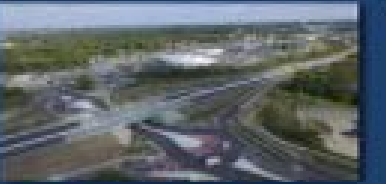
Odessa to Marshall
Average Daily Traffic: 31,000

- \$0 million
- \$450-550 million



Marshall to Columbia
Average Daily Traffic: 36,800

- \$240 million
Rocheport Bridge
- \$600-700 million



Columbia to Kingdom City
Average Daily Traffic: 39,800

- \$0
- \$350-500 million



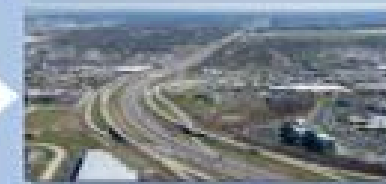
Kingdom City to Warrenton
Average Daily Traffic: 39,300

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Average Daily Traffic: 81,700

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St. Louis

- \$278 million
I-270
- \$112 million
Chain of Rocks
- \$62 million
Cave Springs to Fairgrounds

- Environmental near completion
- 1.1 million jobs depend on I-70
- Workforce development opportunities
- I-70 carries 100 million tons of freight

modot.org/improvei70



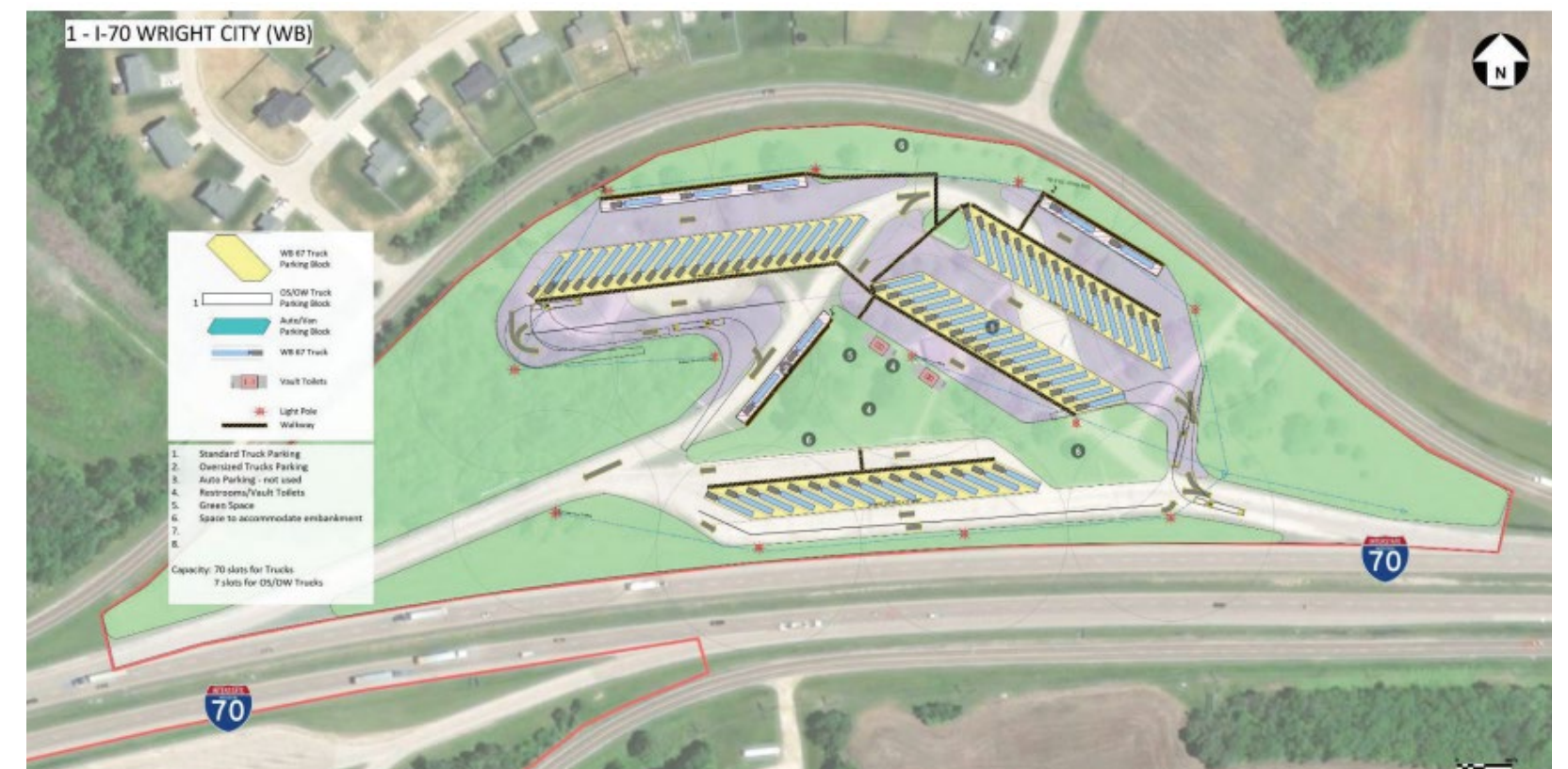
Outcome Criteria

Criterion #1: Safety

- The I-70 corridor crash rate is almost 30% higher than the statewide average for similar roadways
- By improving shoulders and adding a 3rd lane it is estimated to reduce crashes by nearly 42%
- Wrong way driving warning system
- New truck parking facilities
- Wildlife crossing safety enhancements
- Automated speed management

Improved Truck Parking in Wright City

- A 2023 truck parking study showed Wright City as 1st and 5th priority for improvements
- Eastbound location
 - Add 59 parking spaces.
 - Existing 18 to proposed 77
- Westbound location
 - Add 56 spaces.
 - Existing 20 to proposed 76



Criterion #2: State of Good Repair



Continued use of MoDOT asset management plan with goal of 80% of interstate in good condition.



Road Weather Information System

Install/modernize devices to provide data for maintenance managers to respond to weather events

Criterion #3: Economic Impacts, Freight Management and Job Creation

Metric	Total Impacts
Employment	27,086
Average Annual Jobs Supported	3,869
Labor Income (2021\$)	\$1,502,301,316
Value Added (2021\$)	\$2,104,631,306
Output (2021\$)	\$4,543,431,453

Source: IMPLAN; Missouri Multipliers

Economic Impact -

- A total of 27,086 direct and indirect jobs are estimated to be supported by the Improve I-70 Program with \$1.5B in resulting labor income.

Freight –

- Missouri is located within 500 miles of 43 percent of the U.S. population and 44% of all U.S. Manufacturing plants.
- 1.1M jobs nationwide and \$113B of nation’s GDP depend on I-70 in Missouri
- Improve I-70 program will provide long-term stability and resiliency for a freight network

Job Creation

- 26 of the 54 census tracts along project are designated as Historically Disadvantaged Communities, Areas of Persistent Poverty or carry both designations
- MoDOT uses major projects as an opportunity to develop our workforce through various programs. Workforce diversity will be a requirement in contracting

Criterion #4: Climate Change, Resiliency and Environment

- Drainage improvements to mitigate flooding impacts
- Use of low carbon/carbon Neutral pavement Design
- Solar Panels on ROW – partnering with The Ray
- Pollinator Habitat Enhancements
- Electric Vehicle Infrastructure



Criterion #5: Equity, Multimodal Option and Quality of Life

- I-70 Broadband Improvements
- Outer road additions/enhancements
- Reconnecting communities with bridge side paths



FUTURE I-70

2 IMPROVE I-70

1

2

3

INNOVATION: LET US SHOW AMERICA HOW
This is Missouri's opportunity to show the rest of the nation how to bring state-of-the-industry means and methods to deliver a safer, efficient, resilient, and innovative I-70 corridor.

- 1** I-70 will be a broadband backbone for the State of Missouri, supporting ITS, CAV, and State cybersecurity measures.
- 2** Technology applications including ITS, V2X capabilities, CAV, and cybersecurity readiness will be included.
- 3** An improved I-70 will deliver and support efficient freight movement and data movement across the State to support businesses and the digital economy.

1 BEST BROADBAND CORRIDOR CONCEPT

Designated Utility Corridor

R/W Line

Shared Use Infrastructure (Private Sector, Dig Once Policy)

State IT Infrastructure (Cybersecurity, Network)

MoDOT Infrastructure (ITS, CAV)

Conduit and Fiber Optic Infrastructure Trench

Criterion #6: Innovations



Intelligent Transportation Systems



Smart Work Zone Technologies Targeting safety

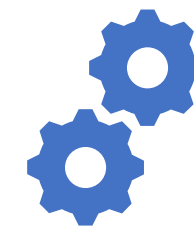
25% of fatal crashes occur in work zones on urban interstates (7% in non-work zones)

15% of fatal crashes occur in work zones on rural interstates (5% in non-work zones)



Data Driven Design and Operational Analysis

Take into account operational impacts of events like football games, World Cup in 2026 to help with decision making



Design build project delivery

Next Steps

1

Execute an agreement with FHWA for Improve I-70 INFRA

2

Continue public engagement as we implement enhancements funded by the grant

3

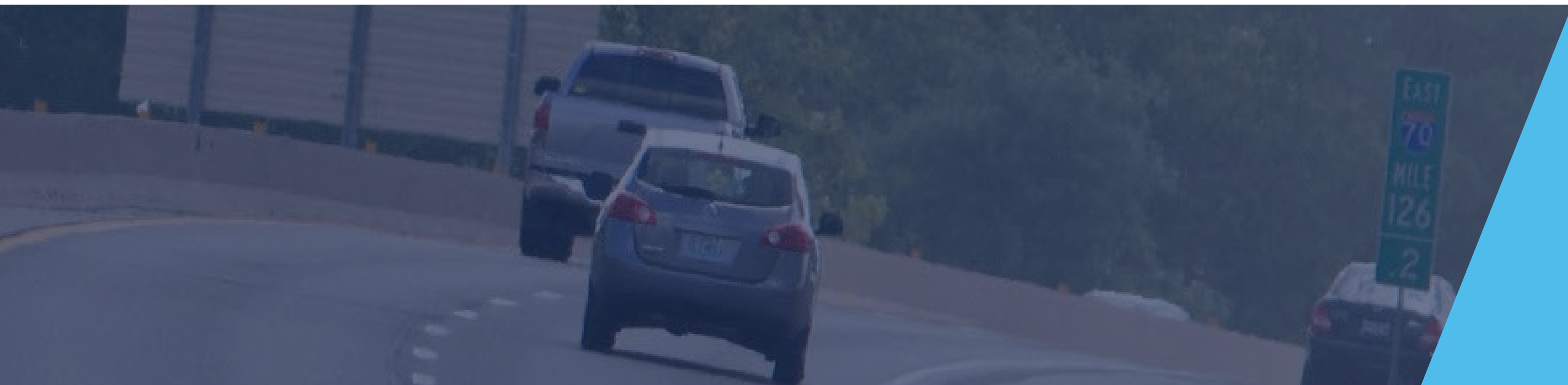
Identify delivery methods for specific activities funded by the grant

- Include in contract for road work or issue separate RFP

4

Apply for additional grant opportunities to provide funding the remaining segments of I-70

Projects in the Improve I-70 Program



IMPROVE I-70



AUGUST 2023

Planned Capacity Improvements Blue Springs to Wentzville

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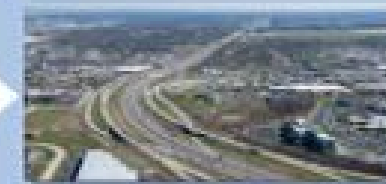
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- Environmental near completion
- 1.1 million jobs depend on I-70
- Workforce development opportunities
- I-70 carries 100 million tons of freight

modot.org/improvei70



Improve I-70 Project Schedule

Improve I-70 - Updated Schedule					
Project	Limits	Miles	Construction Contract	Project Award	Completion
1	Columbia to Kingdom City	20	\$405	February 2024	December 2027
2	I-64 to Warrenton	17	\$500-\$600	December 2024	June 2028
3	Blue Springs to Odessa	16	\$280-\$340	February 2025	March 2027
4A	Boonville to CoMO	21	\$550-\$600	September 2025	September 2029
4B	Odessa Interchange to Boonville	67	\$700-\$800	December 2025	December 2029
4C	Kingdom City to Warrenton	60	\$600-\$700	September 2026	December 2030
	This is the latest schedule shared with industry				

Program Needs: Corridor Reliability



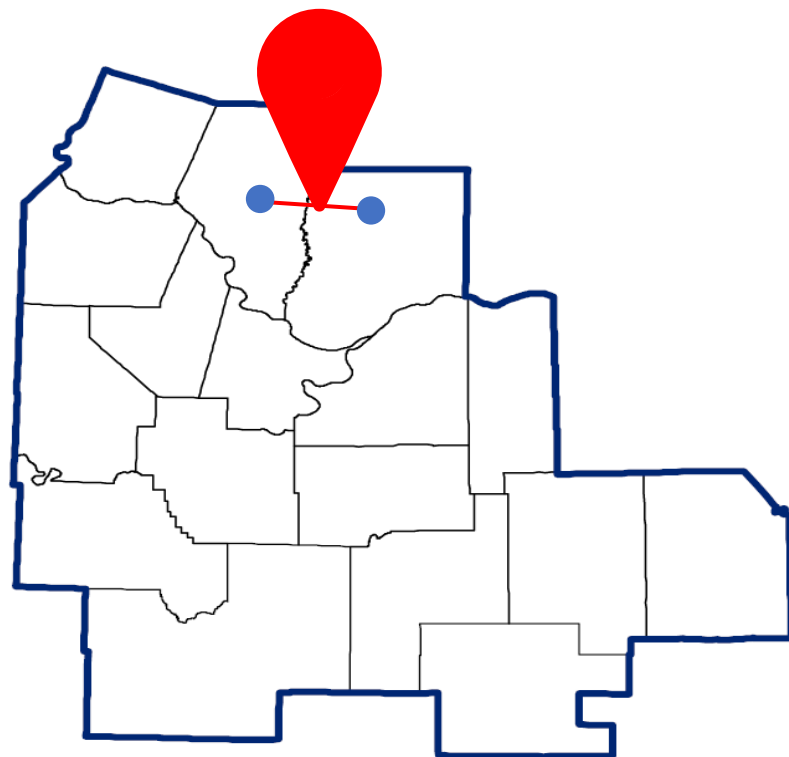
2017-2021 I-70 Crash Data

TYPE	ALL CRASHES
Fatal	11
Serious/Disabling	24
Minor	146
PDO	801
TOTAL	982

Program Needs: Aging Infrastructure



1ST Project Location



MoDOT Central District

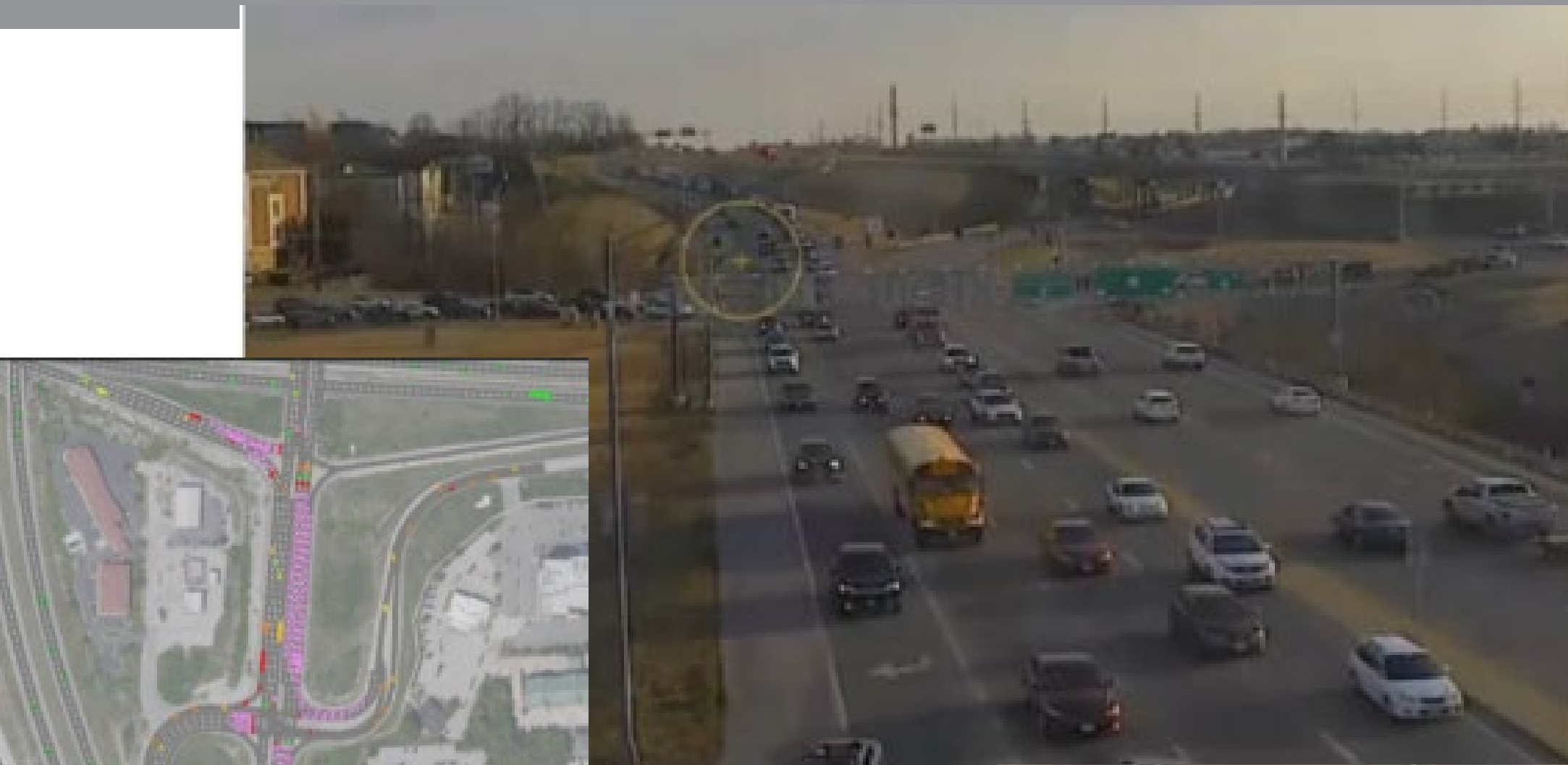
- 20 miles of Interstate 70 between Columbia (U.S. 63) and Kingdom City (U.S. 54)
 - Includes interchange improvements at U.S. 63 and U.S. 54.



MISSOURI

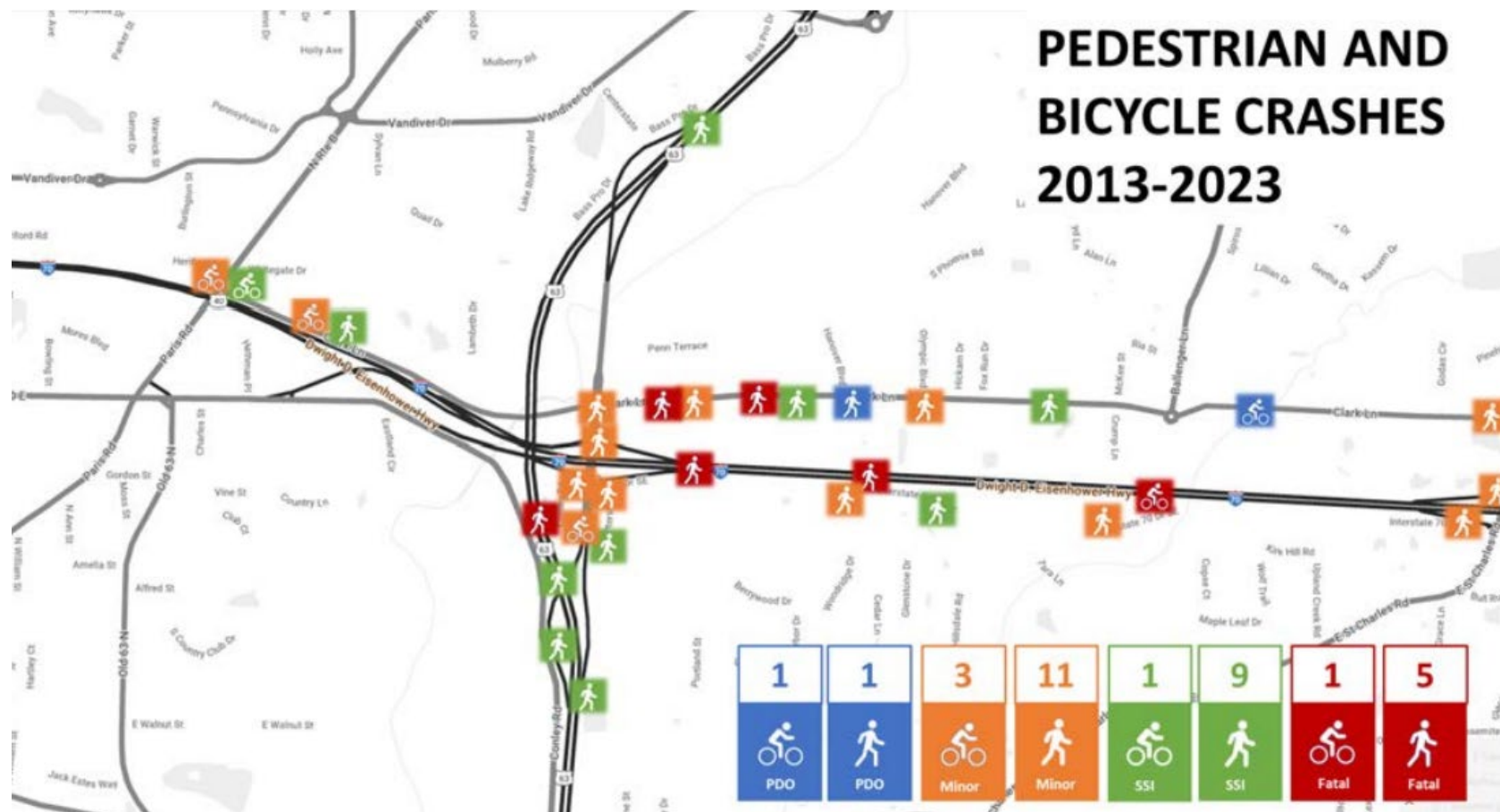


Project Needs: I-70/U.S. 63 Peak Hour Congestion

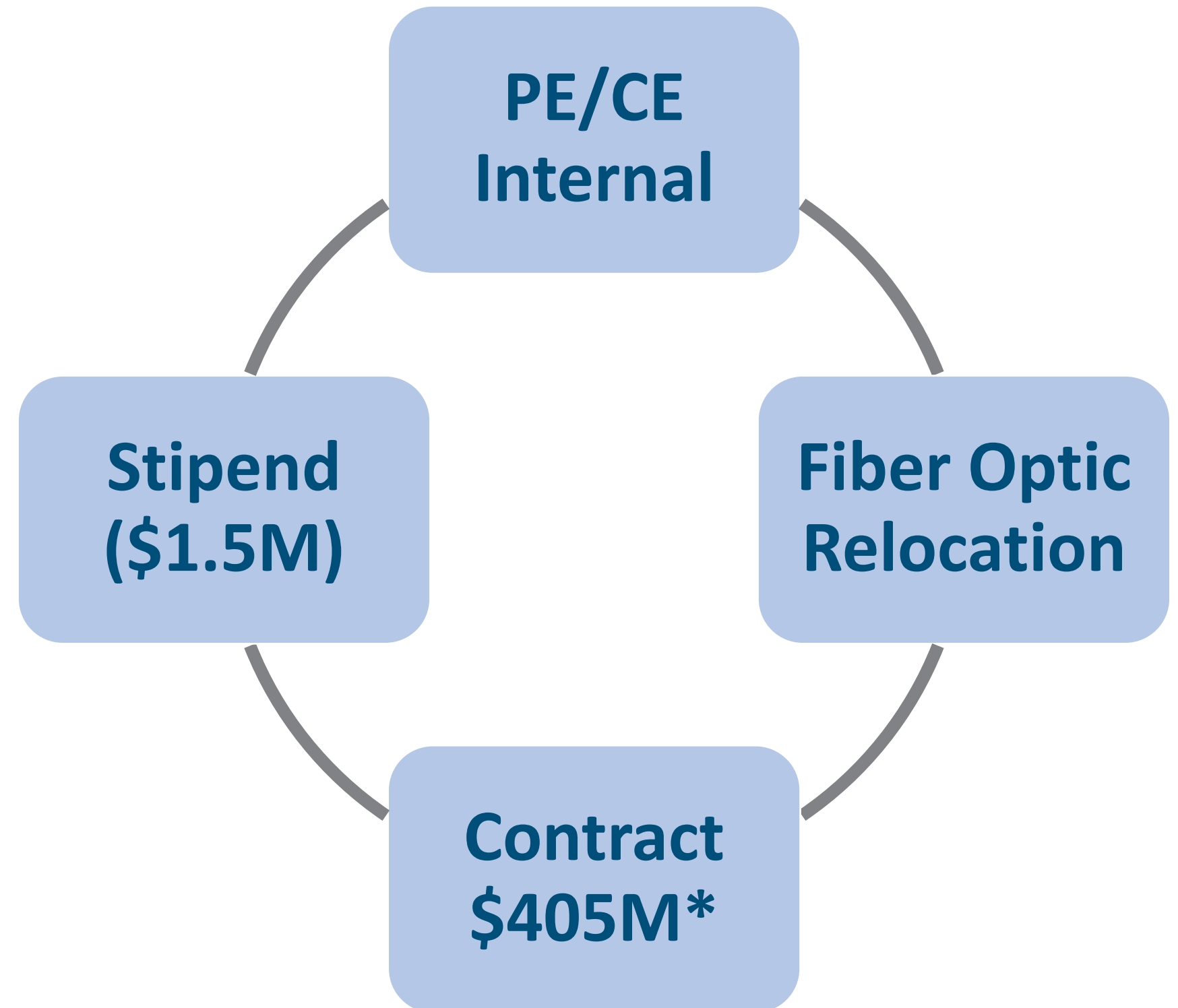
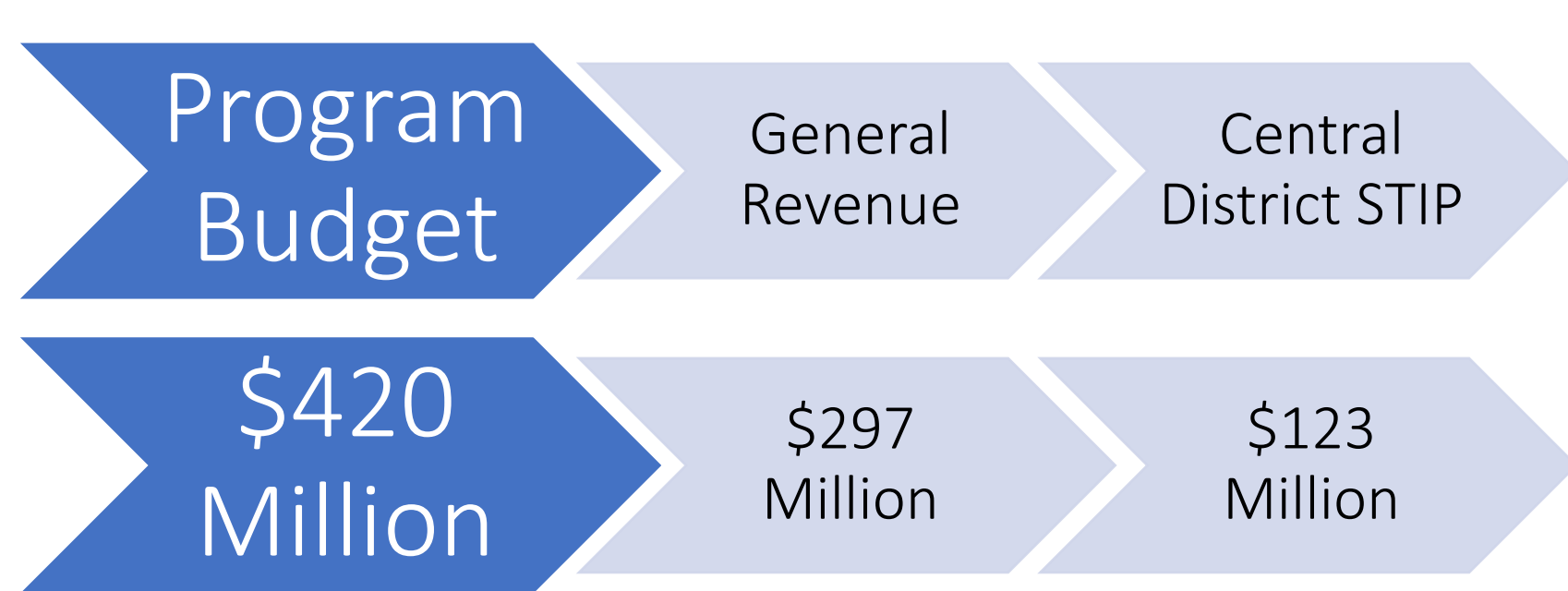


Purpose & Need: I-70/U.S. 63 Vulnerable Road User Access

- 10 pedestrian related accidents in last 5 years
- 3 fatalities
- No existing bike/ped crossings of I-70 or US 63



Project Budget



**Fixed Price/Best Value
final contract amount in RFP*

Project Goals

1.

Deliver the project by December 31, 2027 within the program budget.

2.

Provide a third lane of travel for eastbound and westbound I-70 from Columbia to Kingdom City.

3.

Improve the I-70/US 63 Connector and I-70/US 54 interchanges providing for better traffic flow and movement of freight.

4.

Improve the interstate while modernizing the existing pavement and bridges.

5.

Minimize construction impacts with a focus on work zone safety, communication, and construction staging while maintaining mobility.

6.

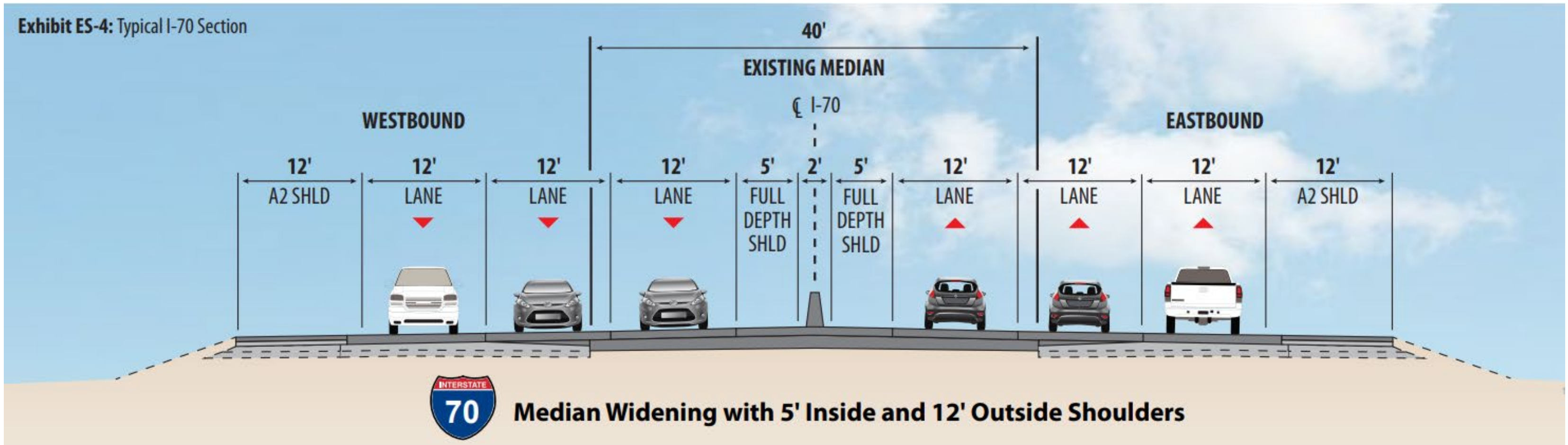
Provide expanded employment opportunities while developing and using a diverse workforce.

Millstone Weber Proposal



- Add 3rd lane in each direction
- Reconstruct existing pavement
- 16 structures
- 3 roundabouts and C-D road at US 63
- Rebuilt US 54 interchange
- 2-lanes open on I-70 during construction
- Strong commitment to growing diverse workforce

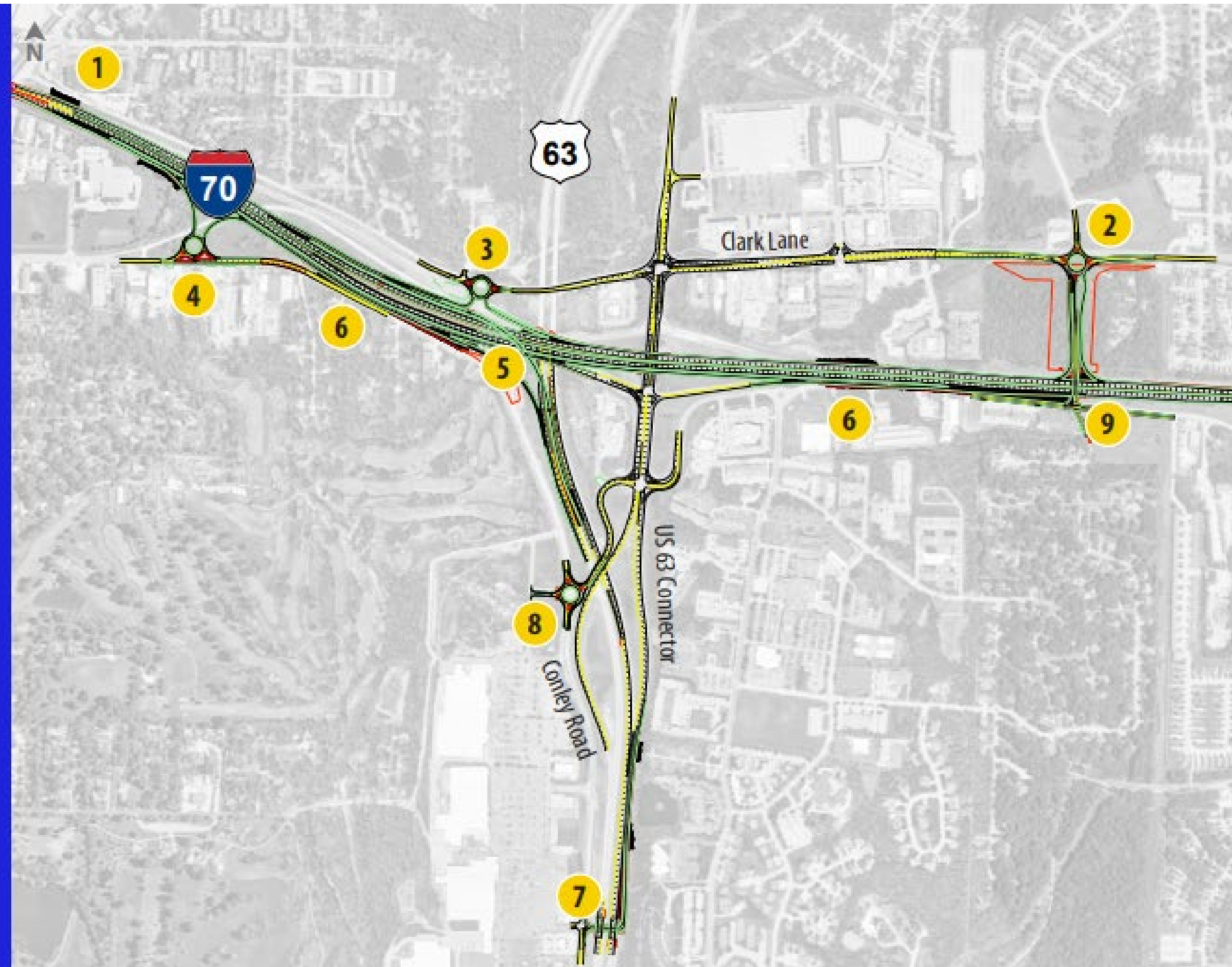
Proposed I-70 Mainline



I-70/U.S. 63

➤➤ US 63 INTERCHANGE

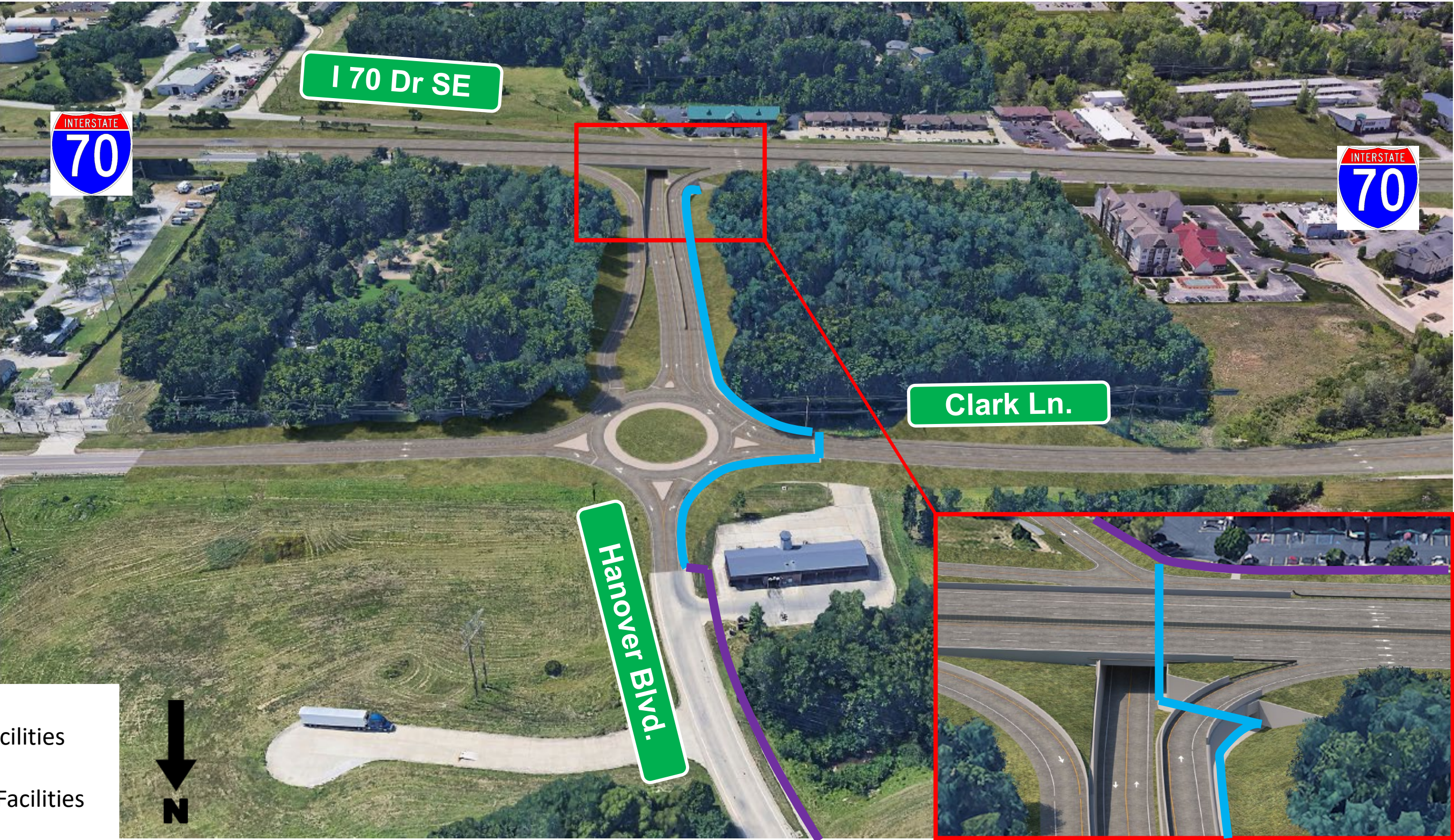
- 1 Paris Road
- 2 Hanover Boulevard Roundabout
- 3 Clark Lane Roundabout
- 4 Business Loop 70 East Roundabout
- 5 Direct Connect Ramps:
 - NB US 63 to WB I-70
 - EB I-70 to SB US 63
- 6 EB Collector-Distributor Road
- 7 US 63 Underpass
- 8 Conley Road Roundabout
- 9 I-70 Underpass (Clark Connector)



I-70/U.S. 63 – Hanover Blvd Roundabout/ I-70 Underpass

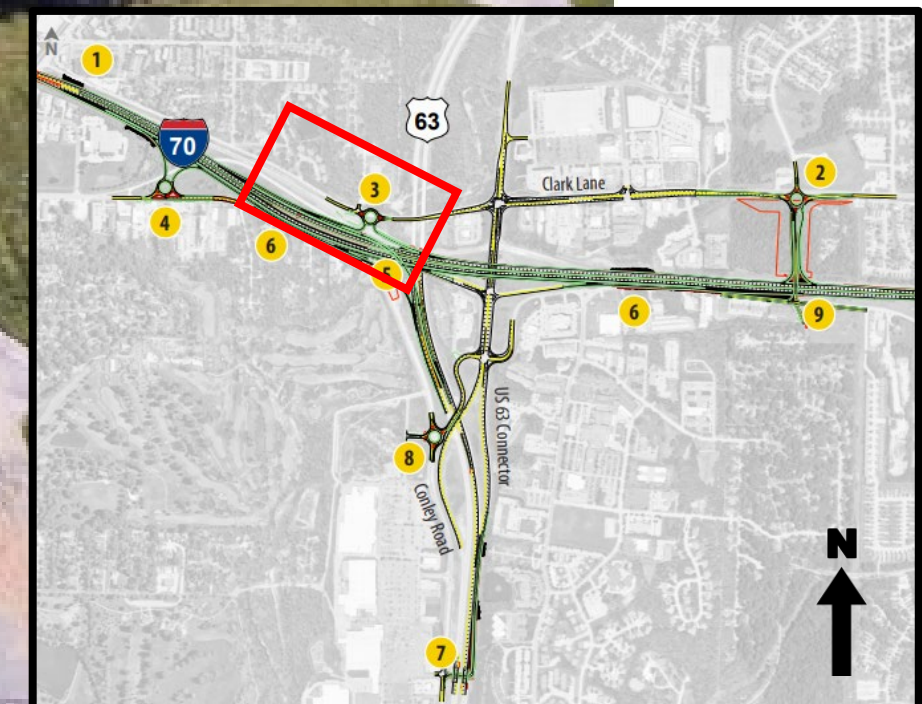


Pedestrian Connectivity – Hanover Blvd Roundabout/ I-70 Underpass



- Legend**
- Existing Pedestrian Facilities
 - Proposed Pedestrian Facilities

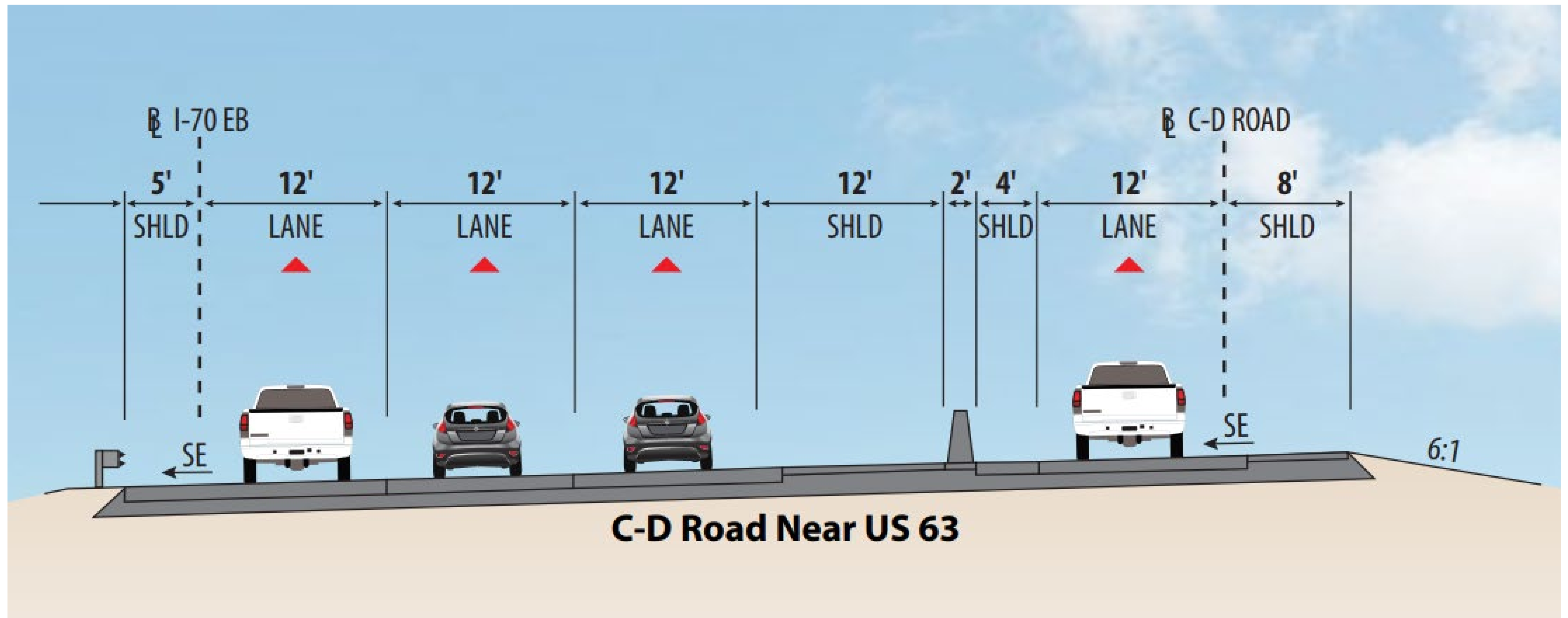
I-70/U.S. 63 – Clark Lane Roundabout



I-70/U.S. 63 – Direct Connect Ramps & Collector Distributor Road



I-70/U.S. 63 – Eastbound Collector-Distributor Road

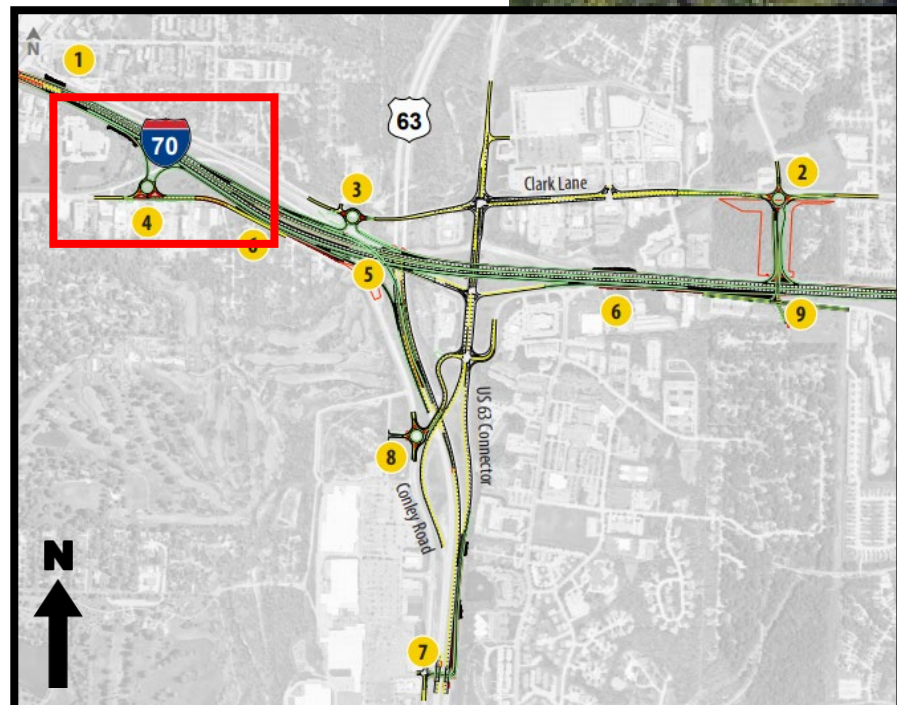


Pedestrian Connectivity – U.S. 63 Connector

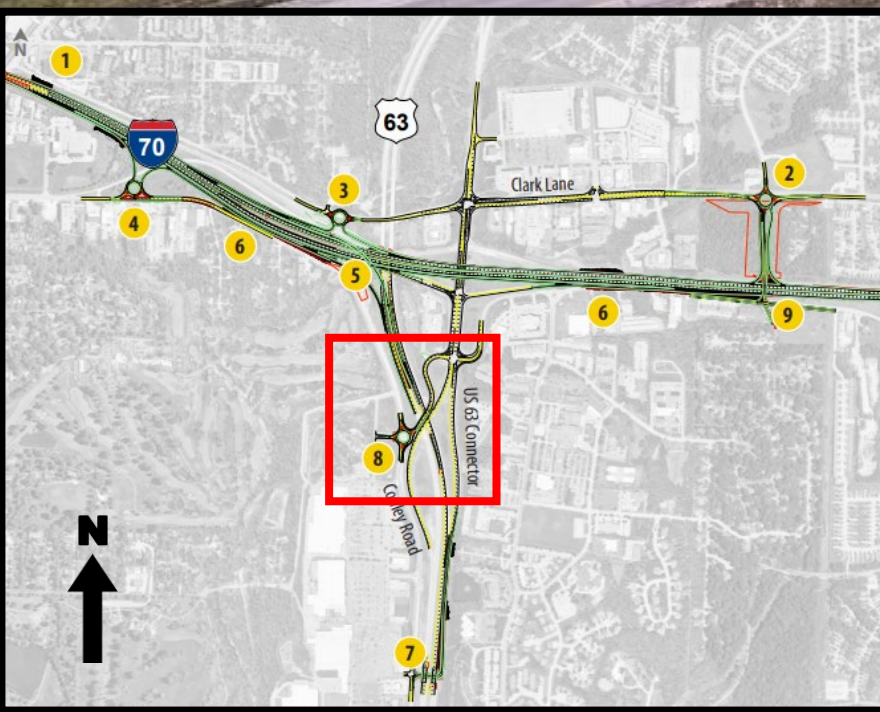


- Legend
- Existing Pedestrian Facilities
 - Proposed Pedestrian Facilities

I-70/U.S. 63 – Business Loop 70 Roundabout



I-70/U.S. 63 – Conley Rd. Roundabout



I-70/U.S. 63 – U.S. 63 Underpass



Fly Through Video



WARRENTON TO WENTZVILLE

PROJECT #2

- I-70 Third Lane – Warrenton to Wentzville
- I-70 Wentzville Curve Realignment & Railroad Overpass
- I-70/I-64 Interchange Improvements
- I-64 Third Lane – I-70 to Route K
 - Pavement repairs

WARRENTON TO WENTZVILLE

PROJECT #2

- Owner Engineer Selection:
 - Wilson & Co.
 - Hg Consult
 - Trekk
- RFQ: May/June 2024
- Shortlist/RFP Release: July 2024
- Award: Late 2024

BLUE SPRINGS TO ODESSA

PROJECT #3

- I-70 Third Lane – Route 7 to Route 131
- Includes reconstruction of Route 131 interchange in Odessa

BLUE SPRINGS TO ODESSA

PROJECT #3

- Owner Engineer: TBD
- RFQ: August 2024
- Shortlist/RFP Release: September 2024
- Award: February 2025



Questions?

- I-70 Program Email
improvei70@modot.mo.gov
- Liz Prestwood
elizabeth.prestwood@modot.mo.gov
- Spencer Robinson
spencer.robinson@modot.mo.gov

—SHOW-ME— **ZERO**



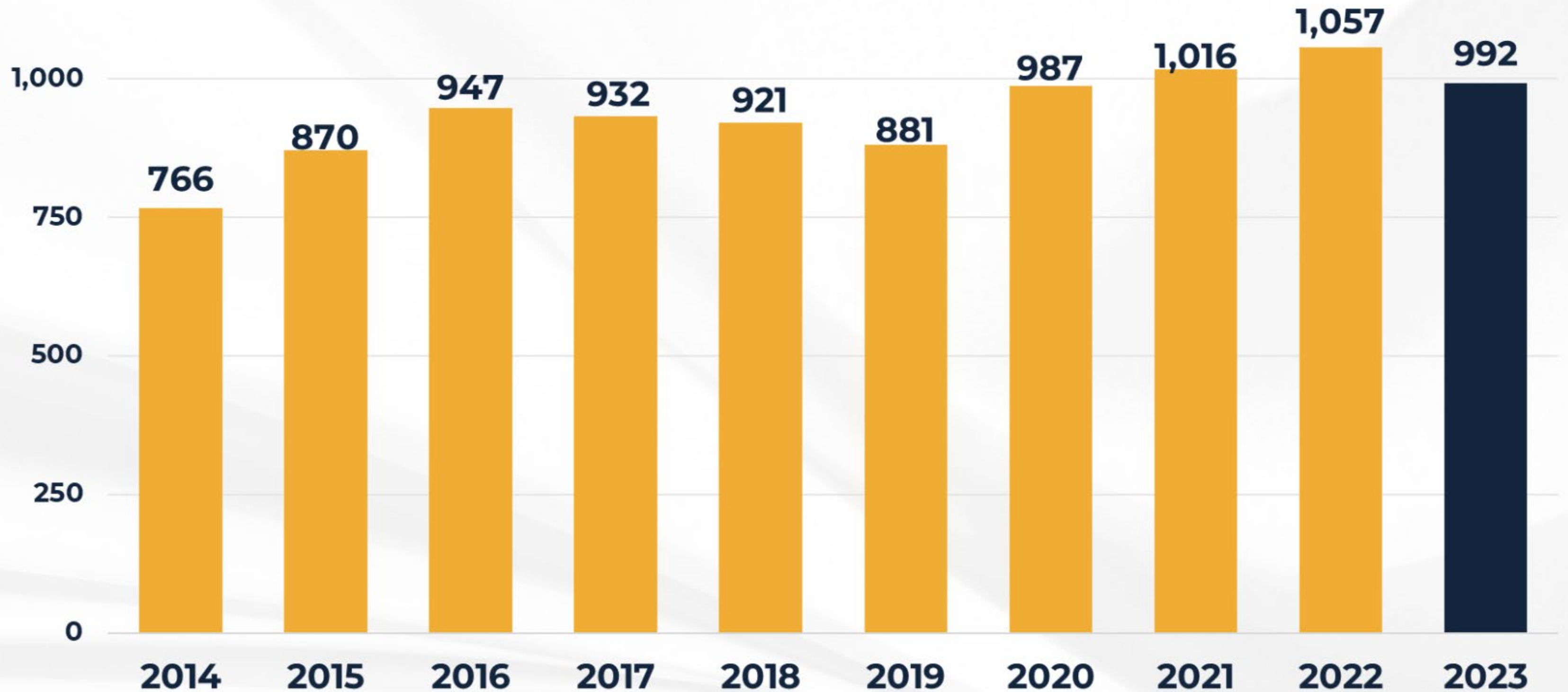
Driving Missouri Toward Safer Roads

**2024 Statewide Planning
Partner Meeting**

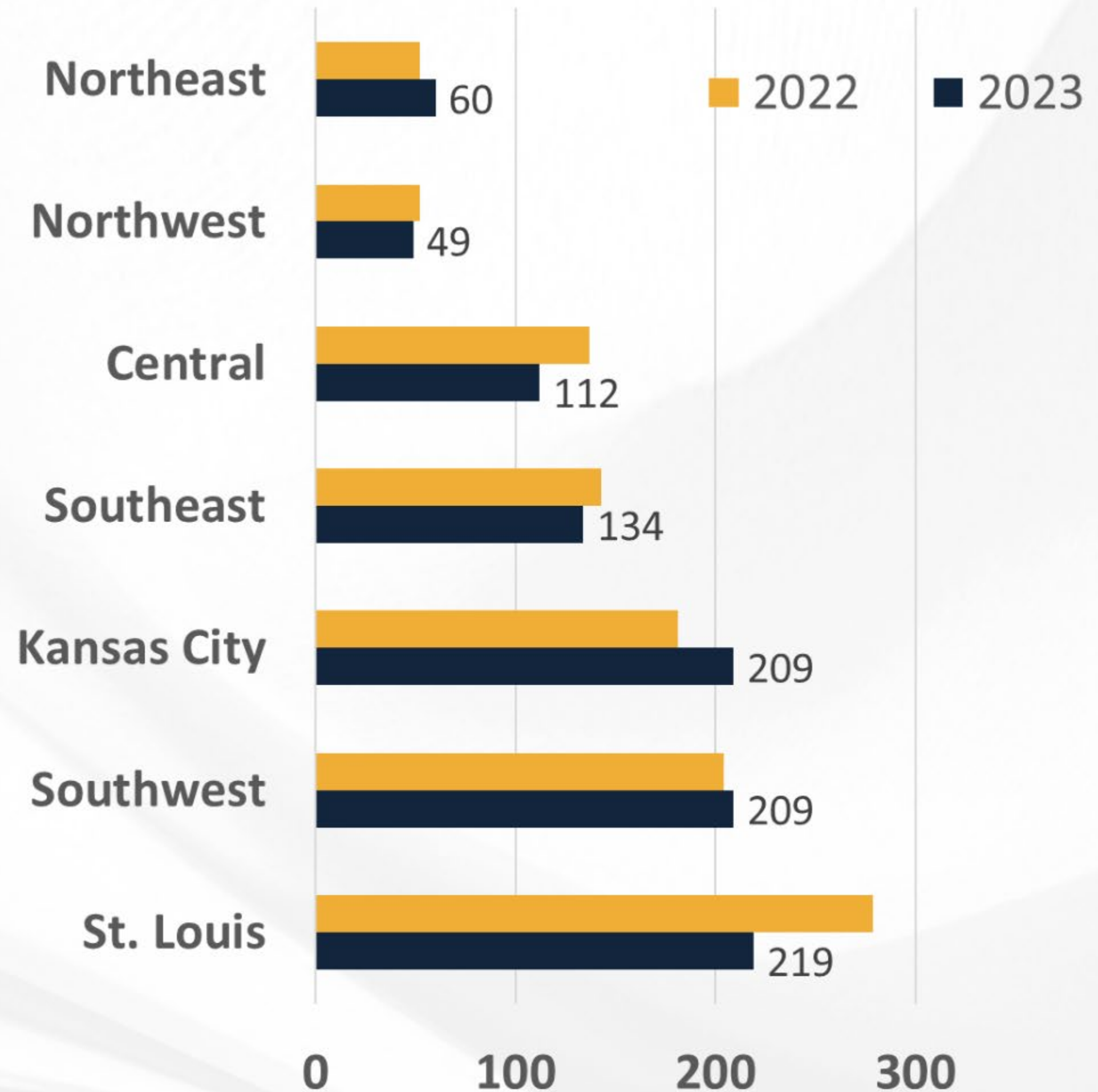
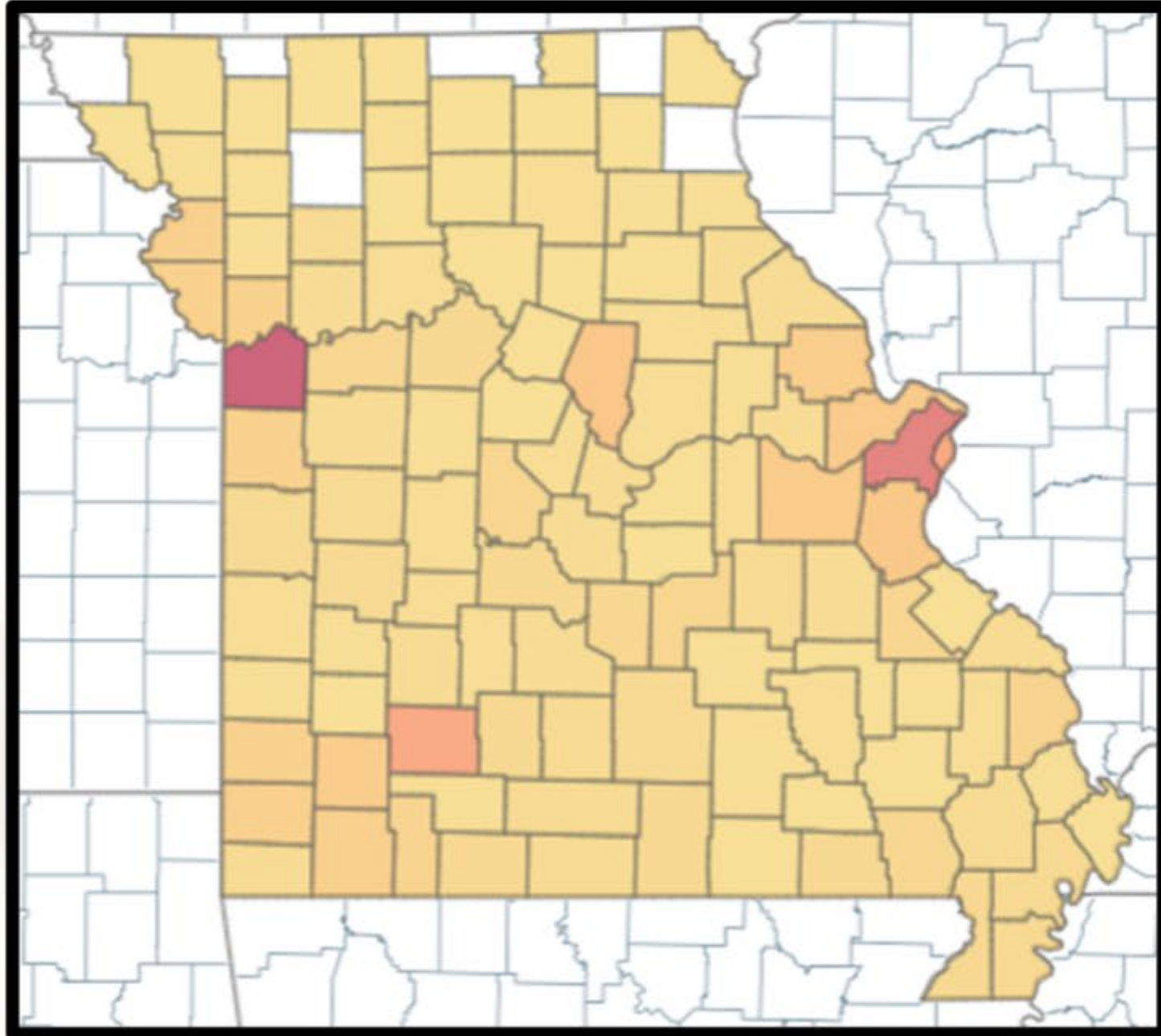
Nicole Hood

Fatalities

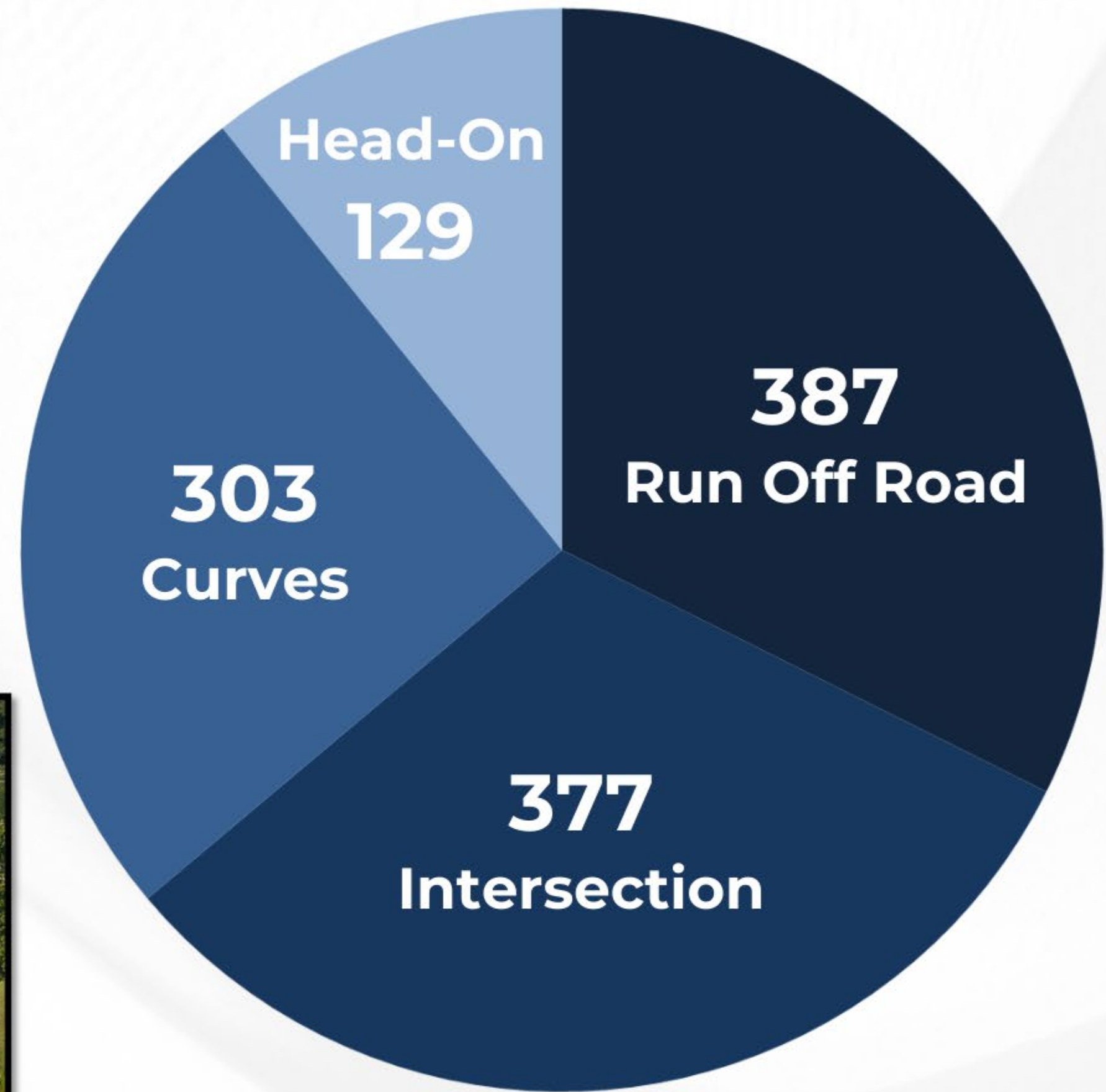
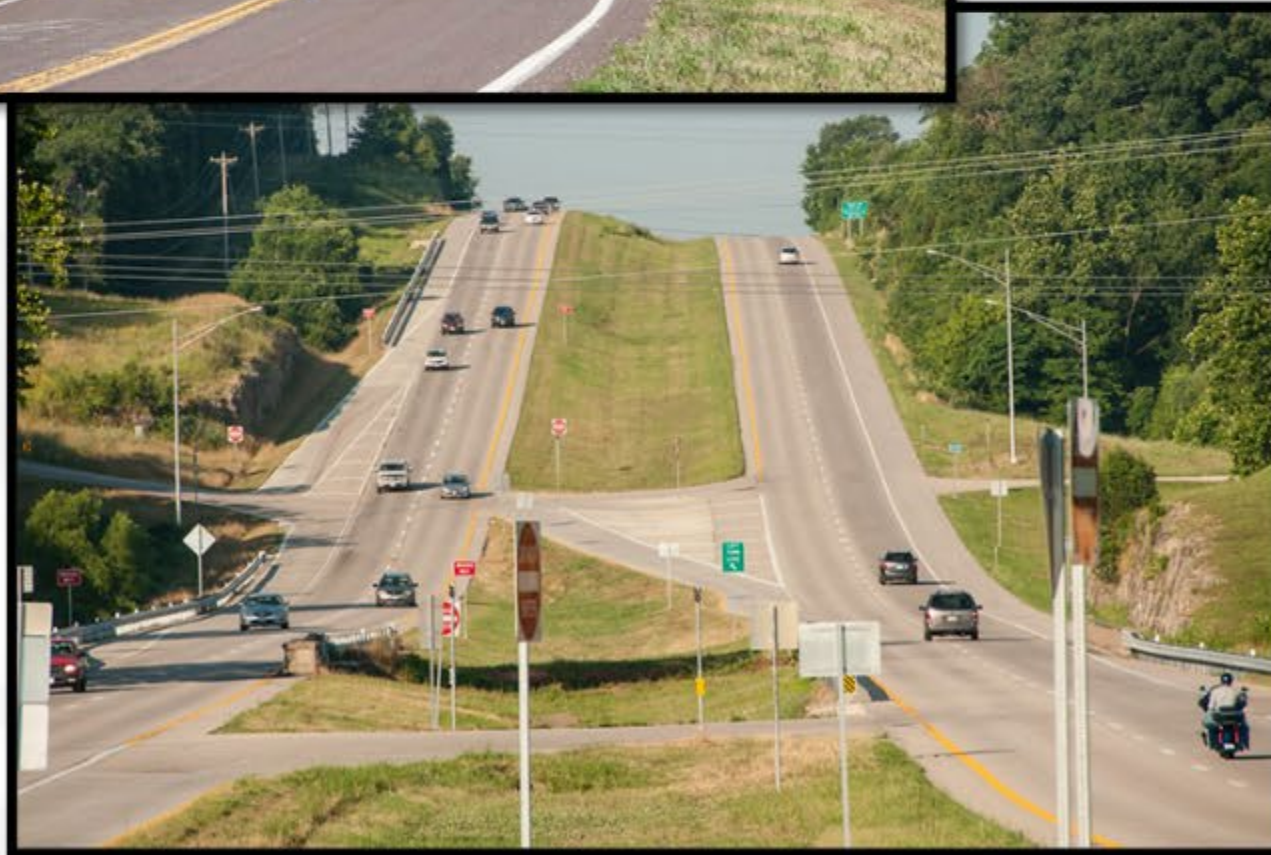
9,369 lives lost in Missouri in **10 years**



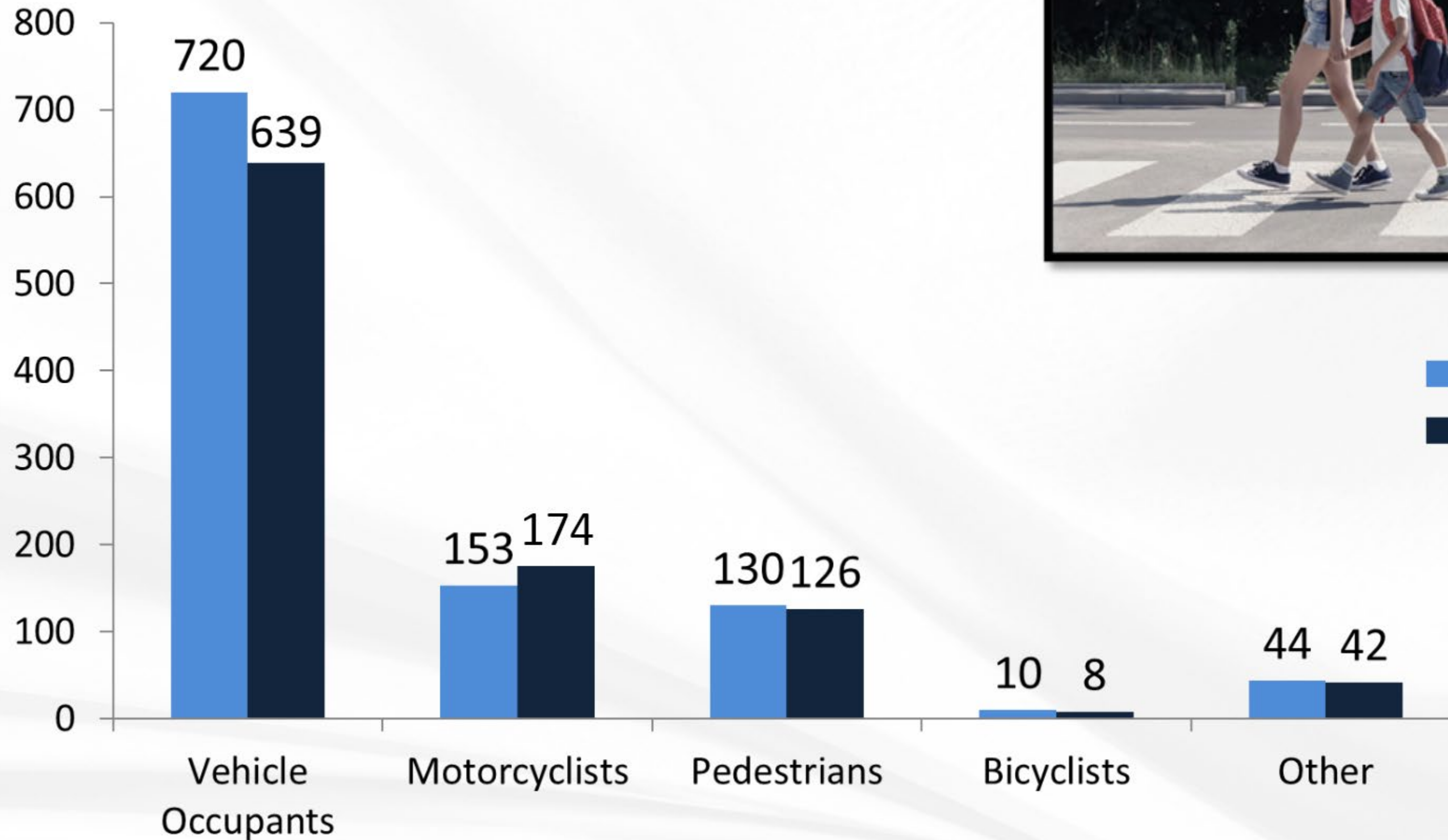
2023 Fatalities



2023 Fatalities

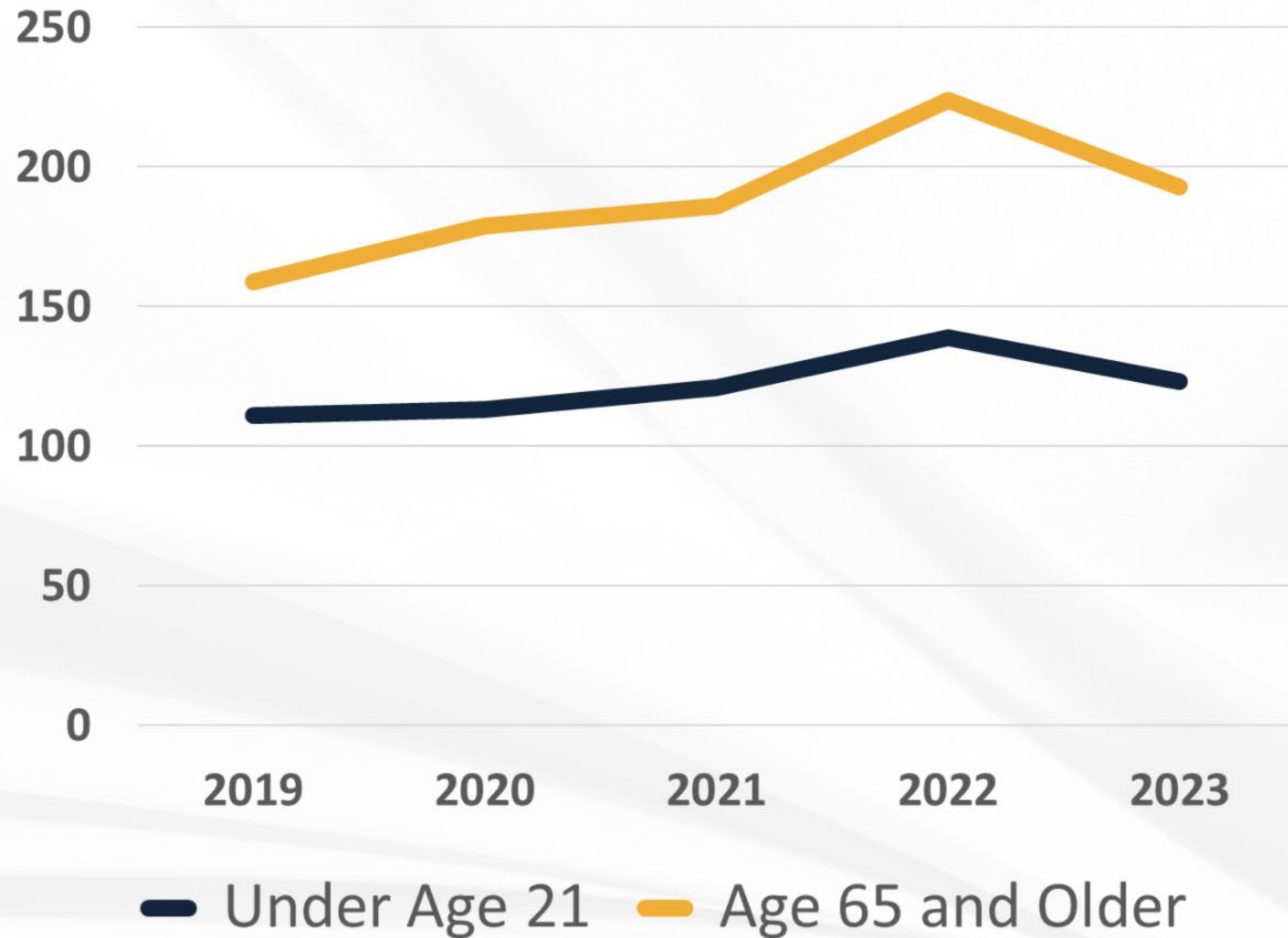


Roadway Users



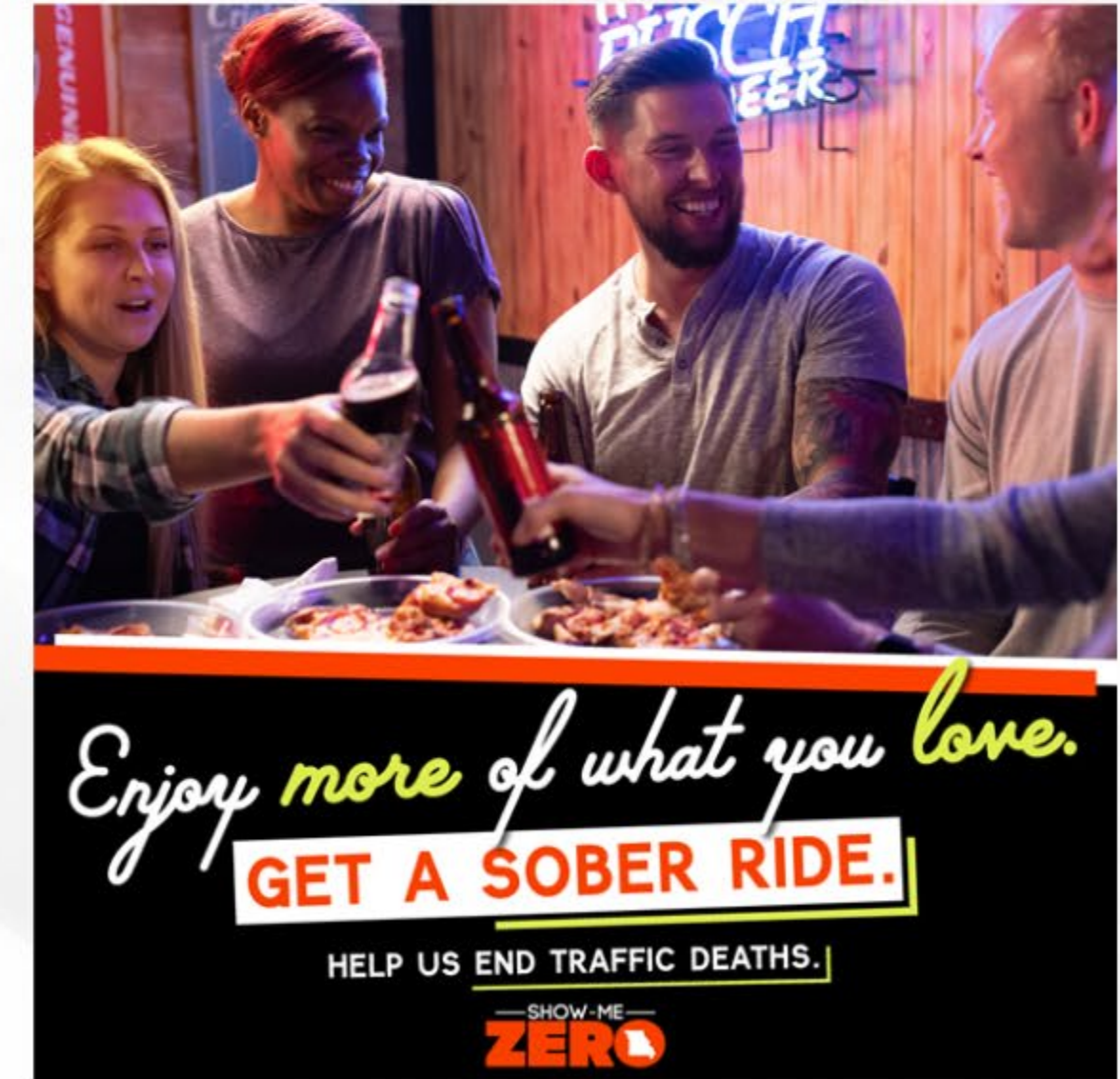
■ 2022 Fatalities
■ 2023 Fatalities

Trends

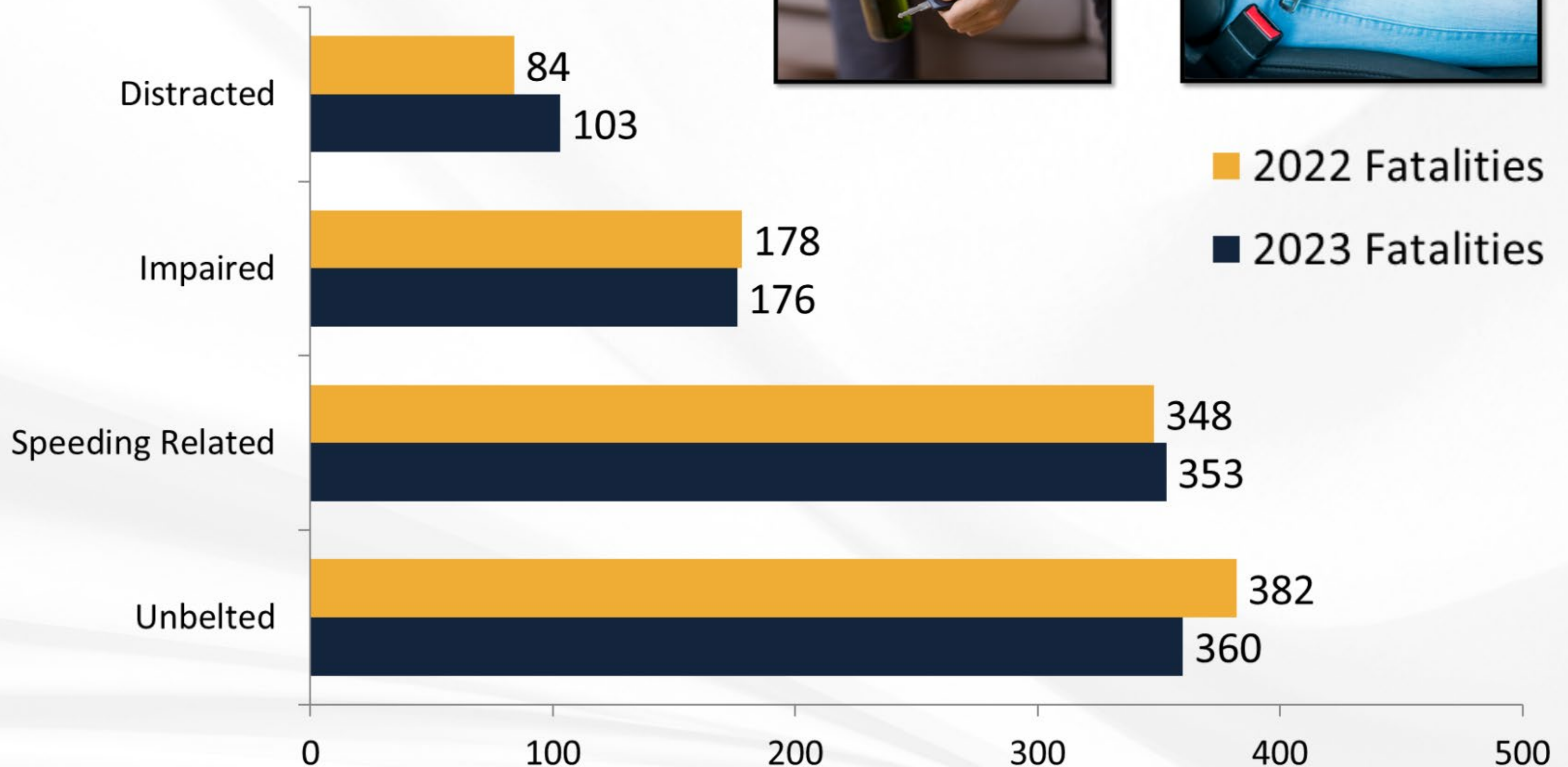


The Big Four

- Occupant Protection
- Speed and Aggressive Driving
- Distracted Driving
- Impaired Driving



Risky Behaviors





Distracted Driving in Missouri

- **From 2014-2023, distracted driving in MO resulted in:**
 - **At least 185,000 crashes**
 - **Over 820 fatalities**
- **Distracted driving fatalities increased 18% in 2022**
 - **Up another 25% in 2023**

Smartphone Ownership and Pedestrian and Cycling Deaths





Phones-Down: It's the Law



EFFECTIVE AUGUST 28, 2023

Per Senate Bill 398, all drivers on Missouri roadways shall not:

- 1** Hold or support a cell phone or other wireless device while driving. Drivers can use Bluetooth or voice-activated features while driving.*
- 2** Manually type, write, send, or read any text-based communication on an electronic communication device.
- 3** Watch, record, post, send, or broadcast a video or movie.

*Features include GPS and other hands-free apps



Penalties

1st Conviction
Up to \$150 fine

2nd Conviction
Up to \$250 fine

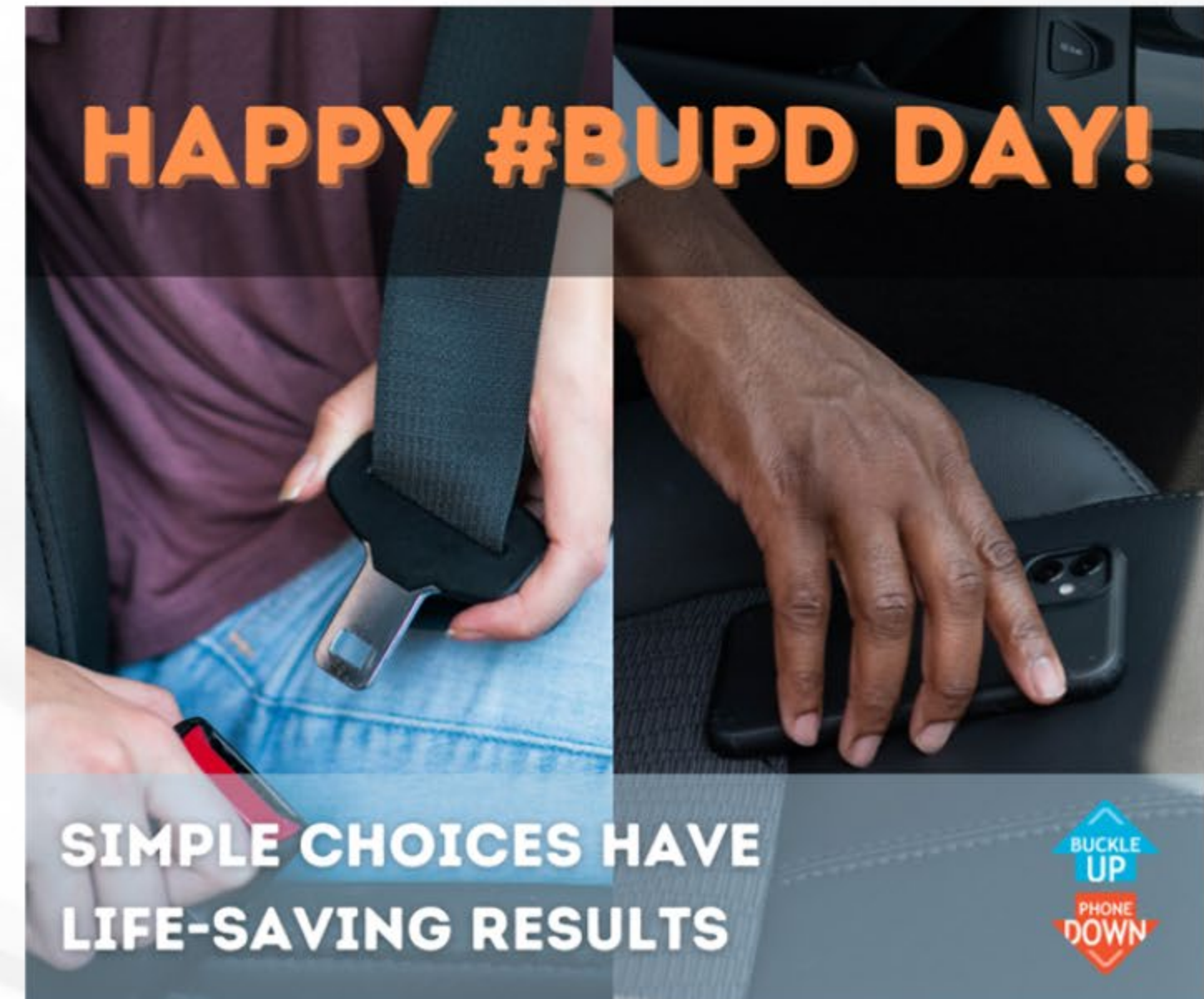
3rd Conviction
Up to \$500 fine

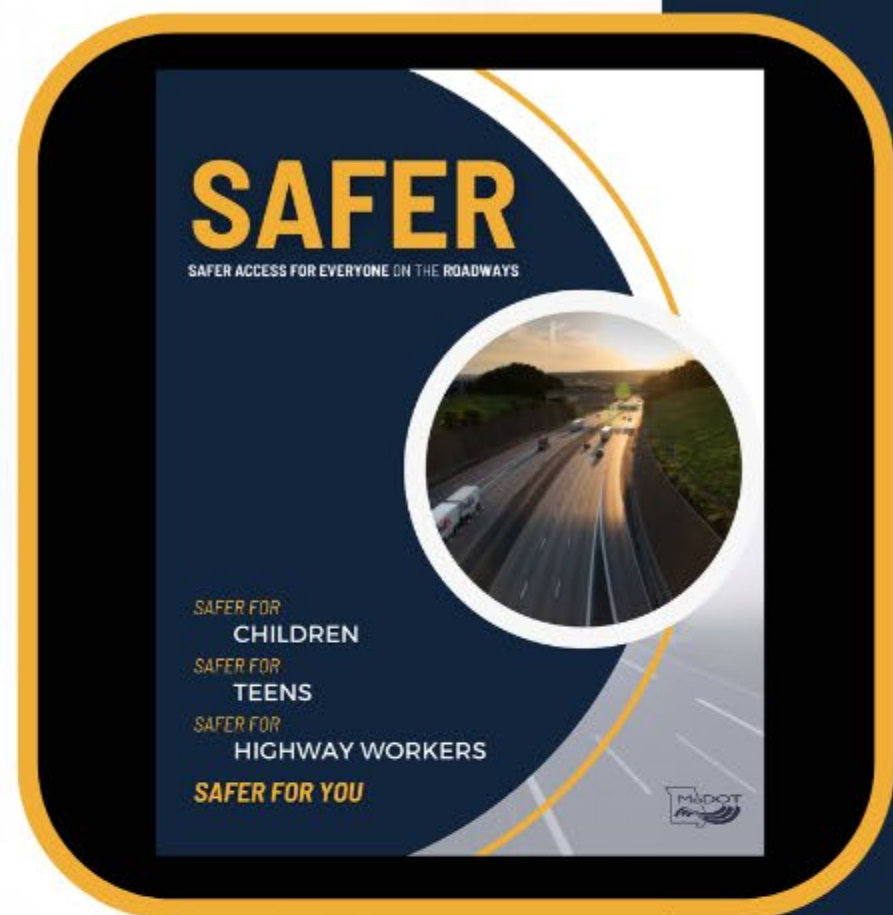
Drivers can face criminal charges for crashes that result in property damage, injury, or death.

Drivers can still report a crime, medical emergency, or traffic crash.

Future Opportunities for Public Awareness

- April 2024 - Distracted Driving Awareness Month
- October 2024 - BUPD Day
- Weeks leading up to 1/1/2025
- Traffic Stops





SAFER Document Development

Public policy can help create a safer culture.

The SAFER document serves as an educational tool for policy makers and the public.

The document shows what policies are in place and what could be in place to create safer travel.



SAFER Document Four Target Areas



- **Safer for Children**
- **Safer for Teens**
- **Safer for Workers**
- **Safer for You**

Occupant Protection

PRIMARY SEAT BELT



In 2023, 65% of vehicle occupants killed were unbuckled

Occupant Protection

MOTORCYCLE HELMETS

Before and After the Helmet Law Repeal:
Motorcyclists Killed



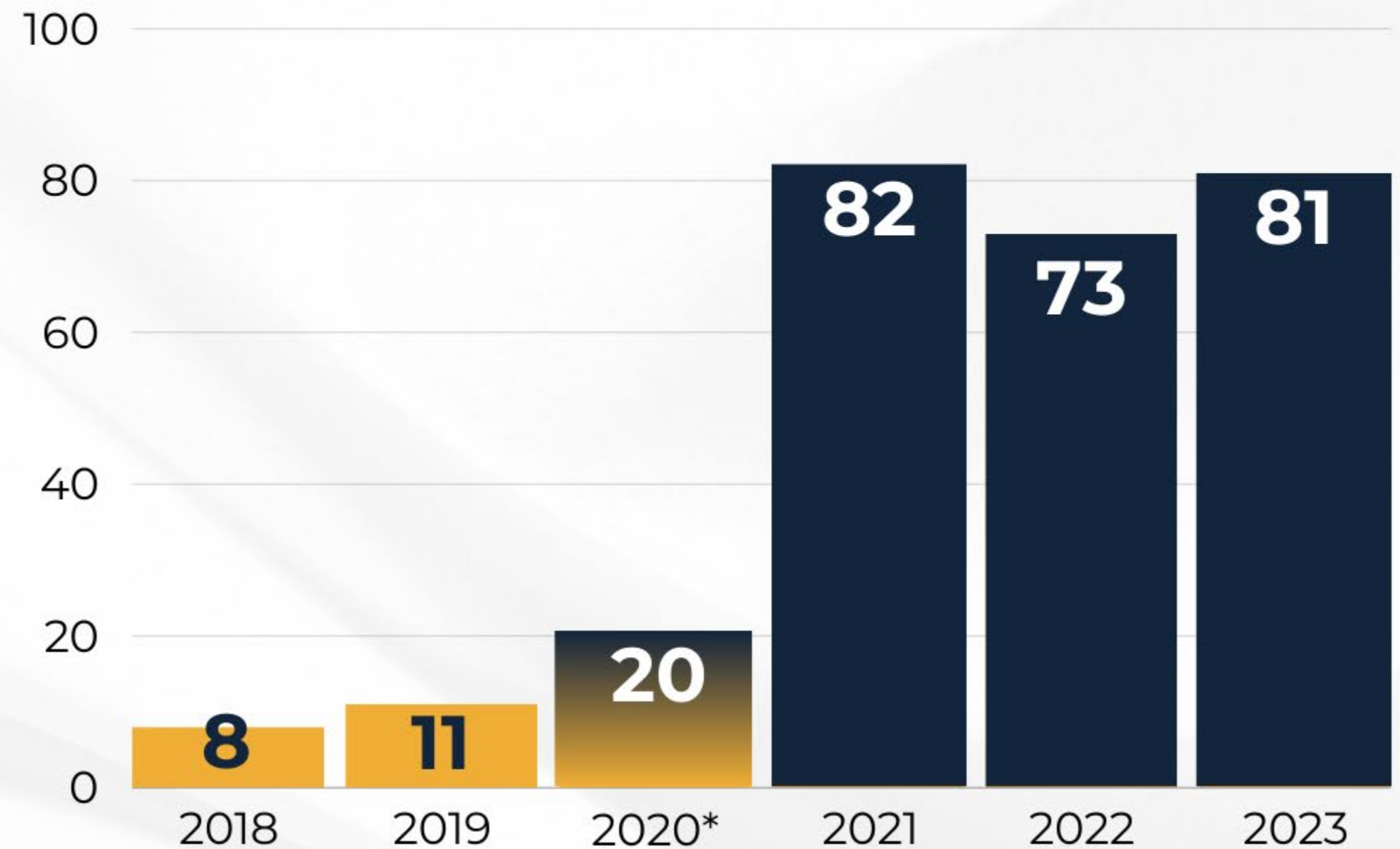
**Helmet law repeal went into effect Aug. 28, 2020*



Occupant Protection

MOTORCYCLE HELMETS

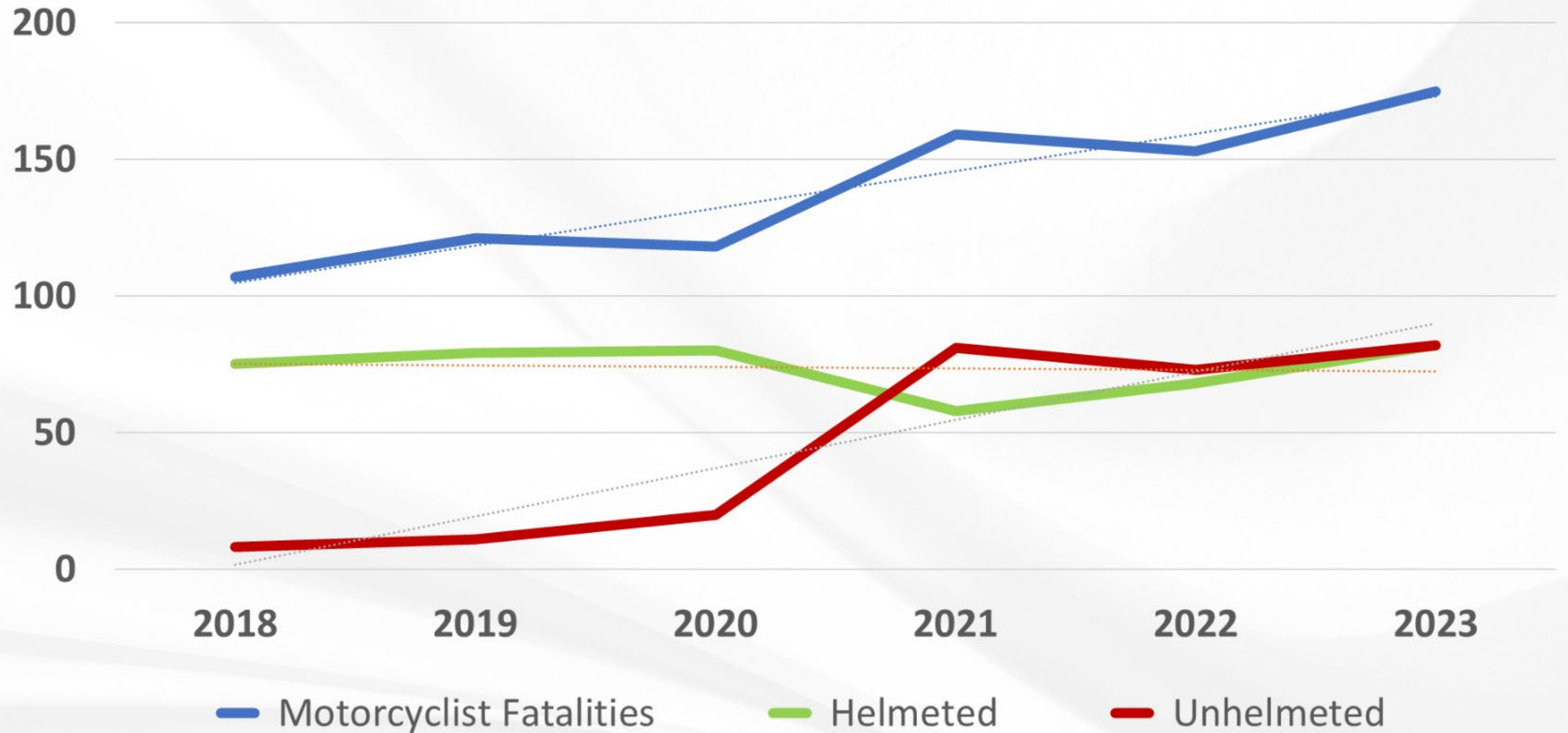
Before and After the Helmet Law Repeal:
Unhelmeted Motorcyclists Killed



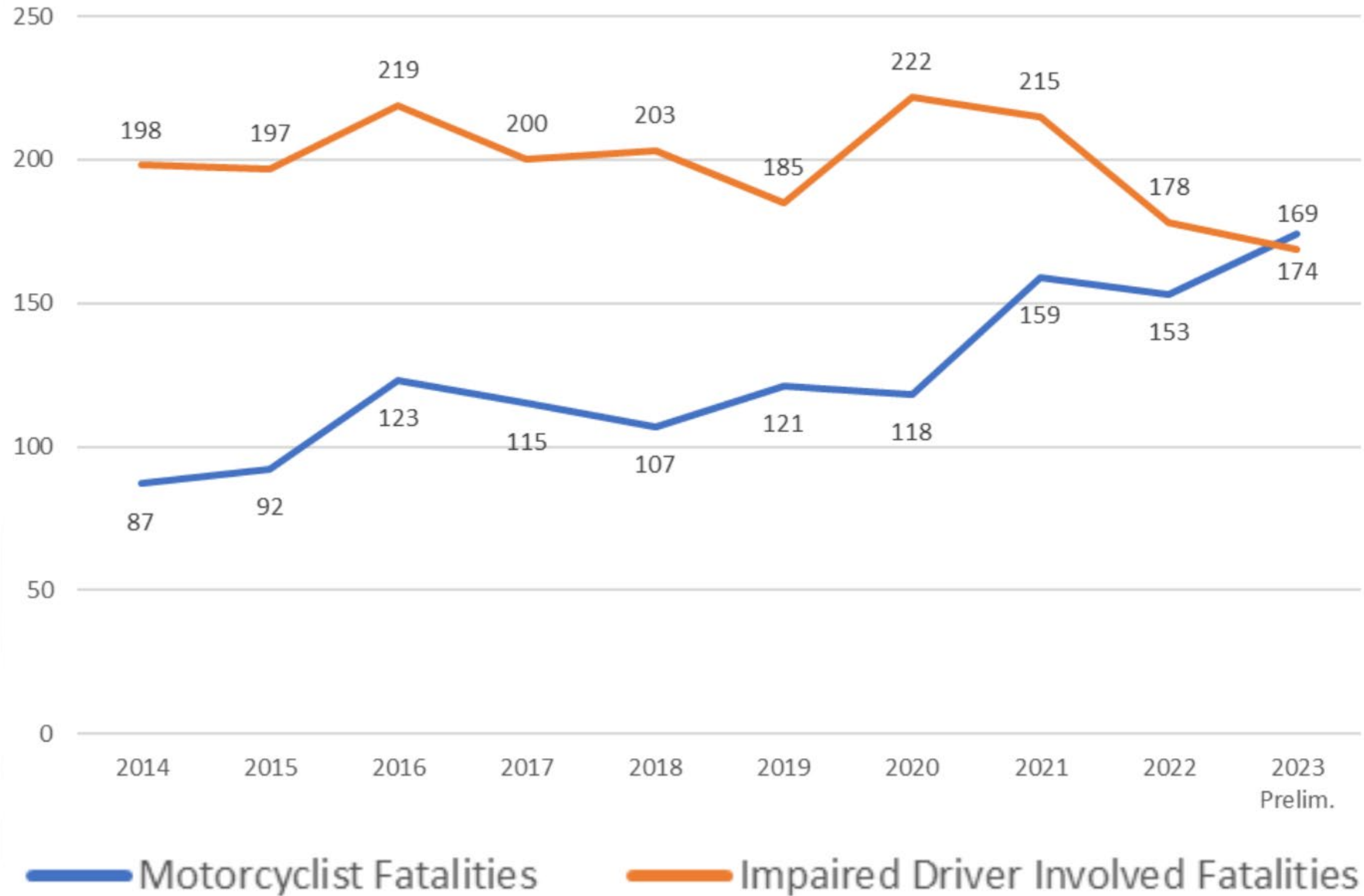
**Helmet law repeal went into effect Aug. 28, 2020*



Motorcycle Fatalities



Motorcycle Fatalities Vs. Impaired Fatalities



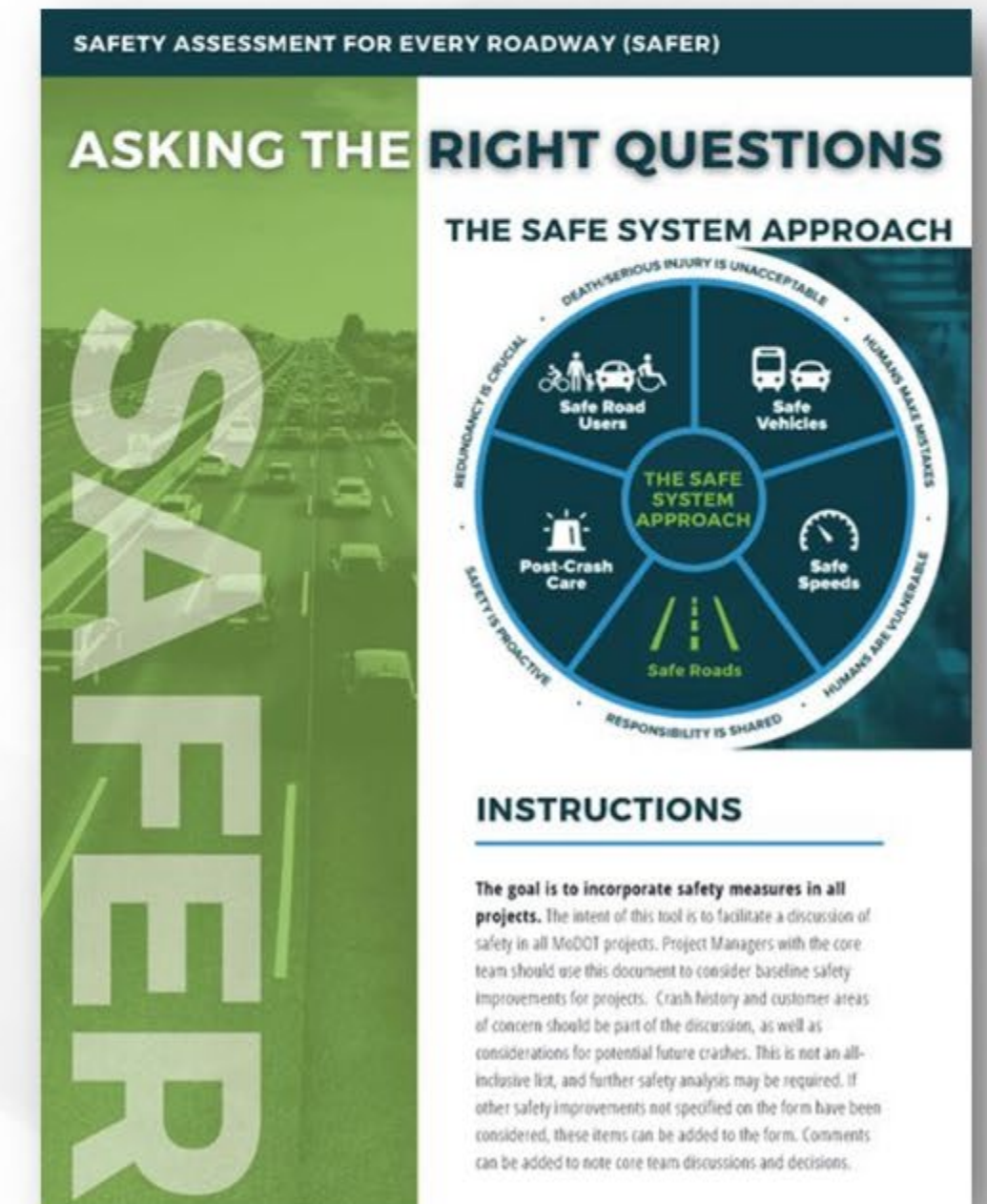
Legislation Filed 2023



- Rear Facing Through Age 2
- Booster Seat
- Children Left in Hot Cars
- Cell Phone Ban Teens/Novice Drivers
- Endangerment of a Highway Worker
- Ignition Interlock
- Open Container
- Primary Seat Belt

Infrastructure

- **Safety Assessment for Every Roadway (SAFER)**
 - Improving safety with every project
 - Proven safety countermeasures
 - Safe System Principles



Community Engagement

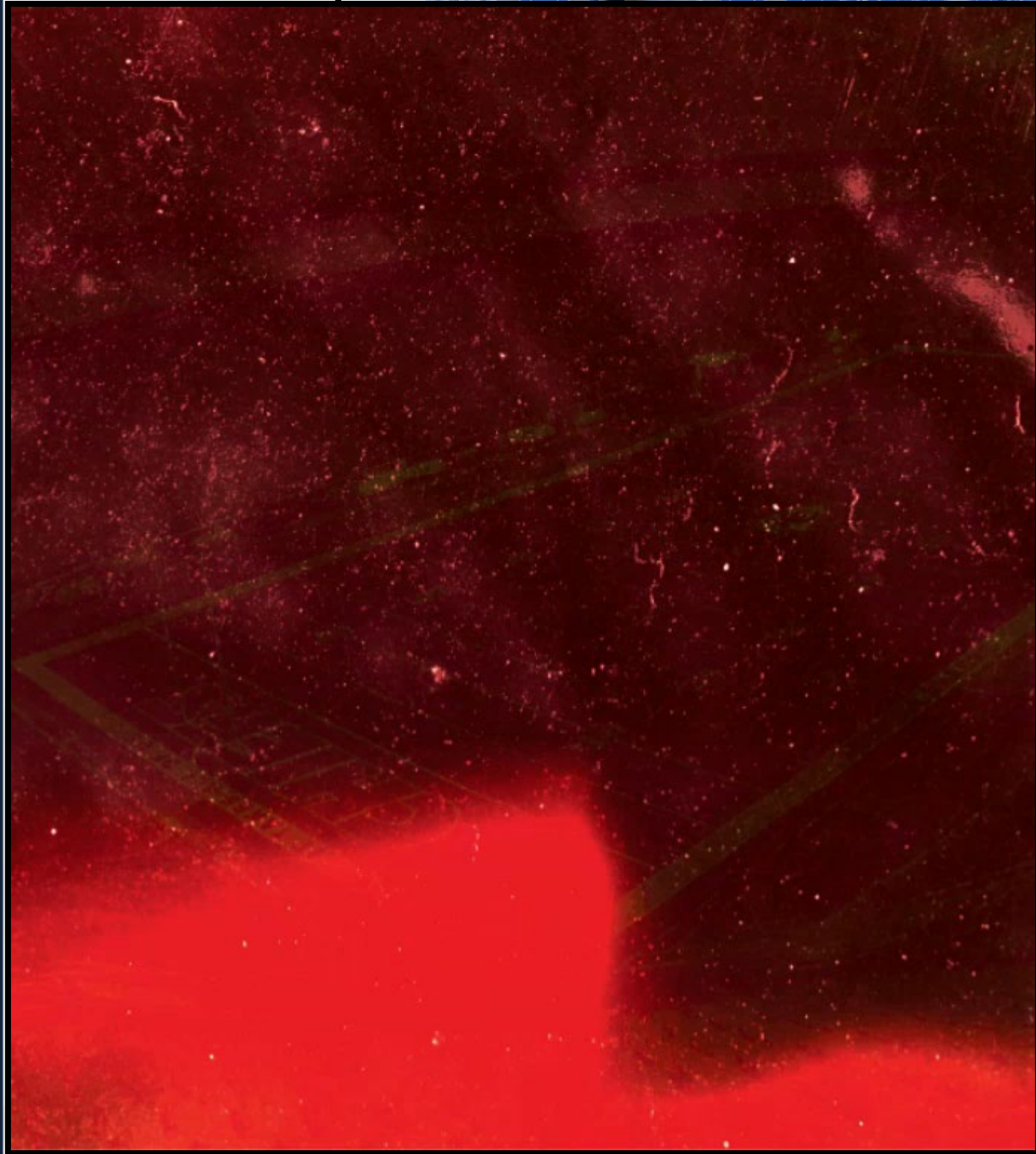
- Vulnerable Road User Assessment
- New Crash Report
- Grant Opportunities - MoDOT Highway Safety
 - Community Involvement
 - Educational Events



BUPD Showdowns

- **High School Showdown**
 - 2021 - 15 high schools
 - 2022 - 70 high schools
 - 2023 - 110 high schools and 52,500 students
- **Business Showdown**
 - Employer Policies
 - Employee Training
 - New for 2023 - Safest Driver Competition!





2024
Statewide
Planning
Partner
Meeting

Lunch Break

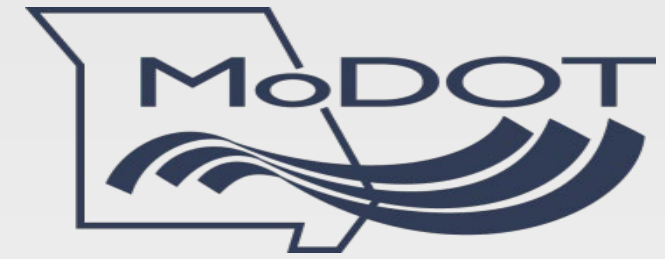




Financial Forecast Update

**Planning Partners Meeting
Missouri Department of Transportation
February 29, 2024**

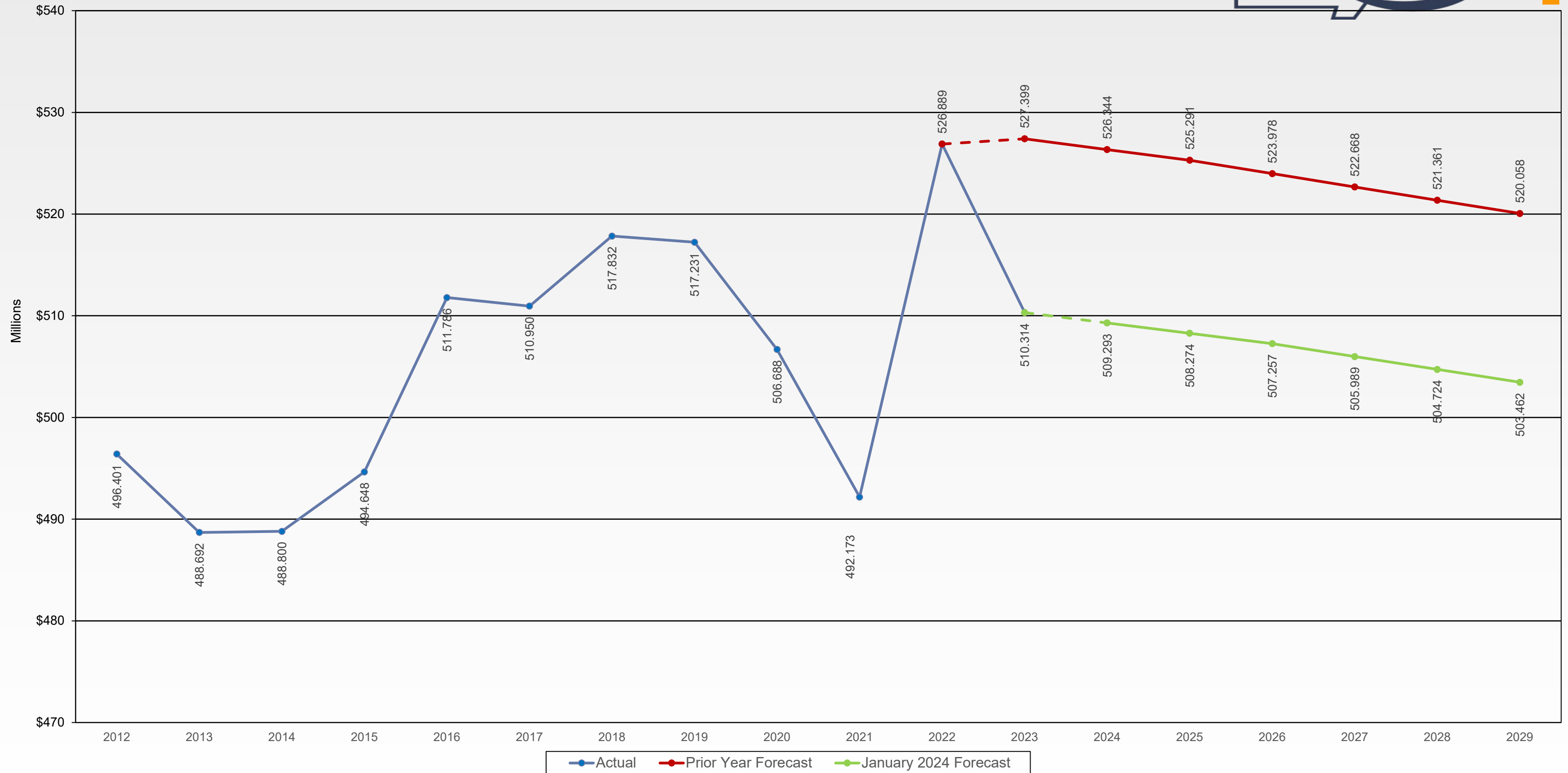
Additional Revenue & Debt



- Improve I-70 Program
- General Assembly Designated and Funded Projects
- Motor Fuel Tax (SB-262)
- Transportation Cost-Share
- Focus on Bridges Debt Service
- Amendment 3 Bond Proceeds
- MTFC Loan Proceeds

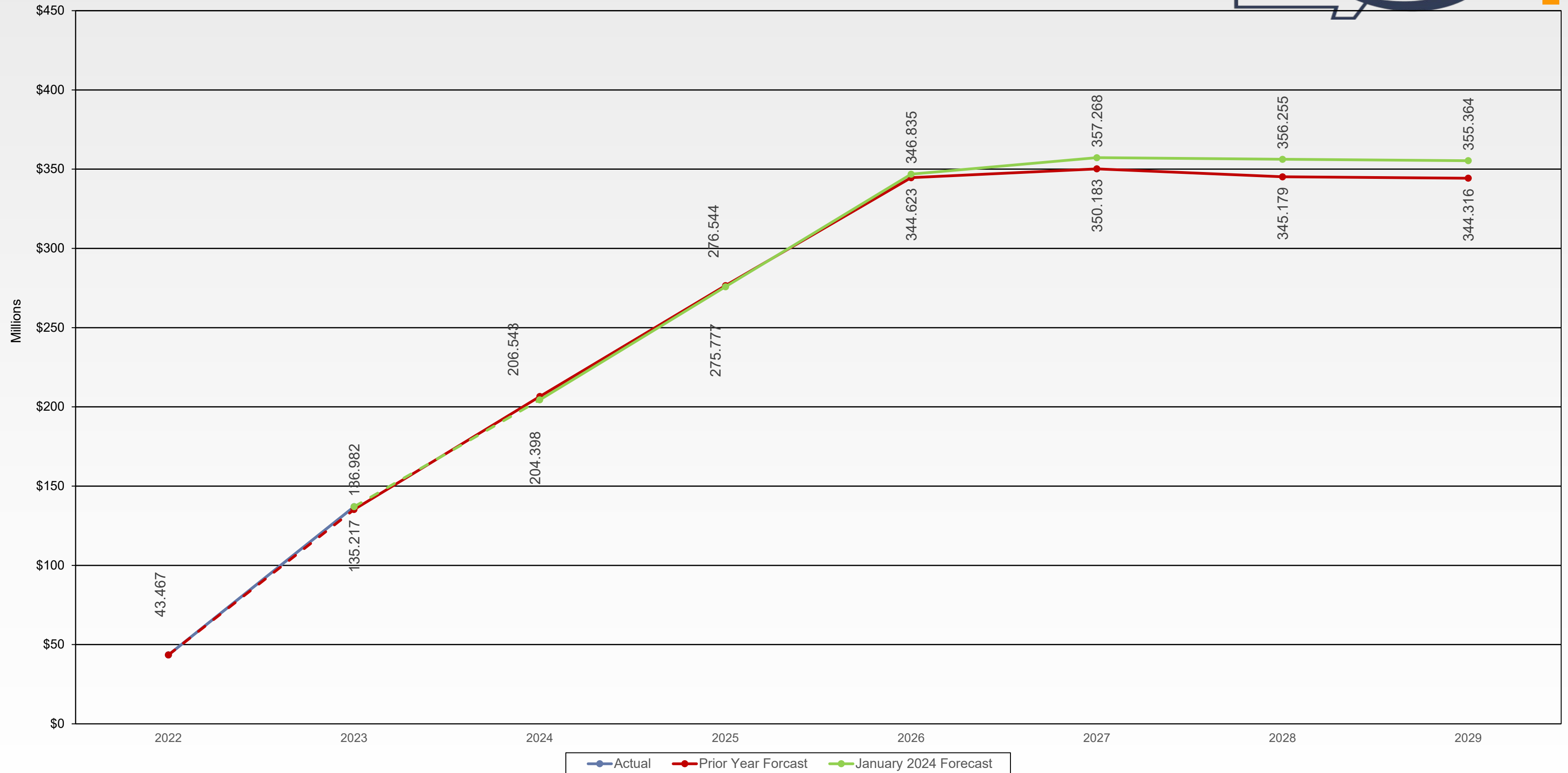


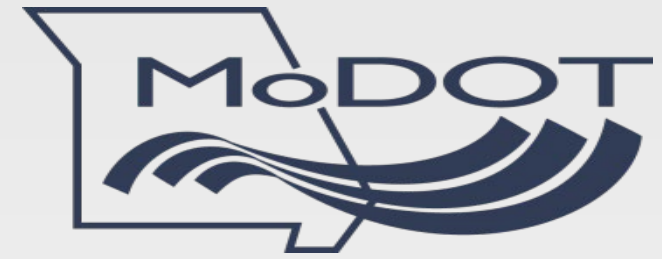
Motor Fuel Taxes (Excludes SB-262)



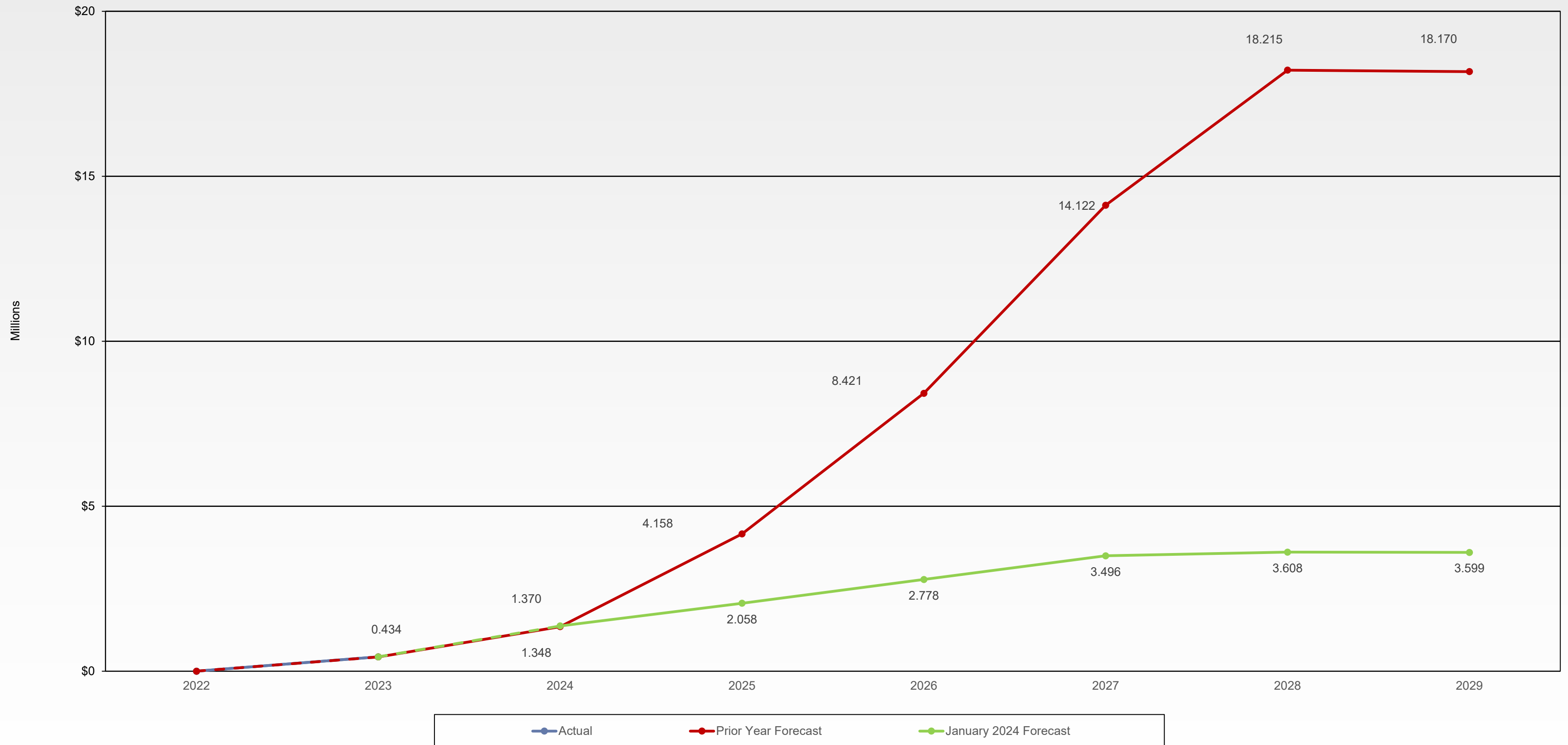


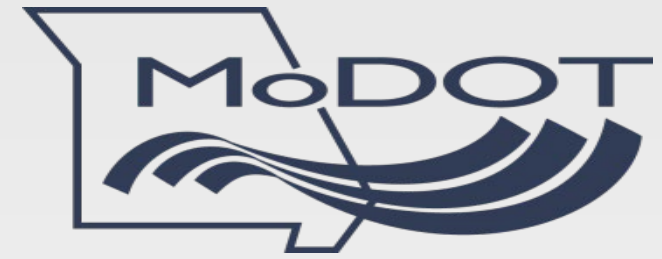
Motor Fuel Taxes (SB-262)





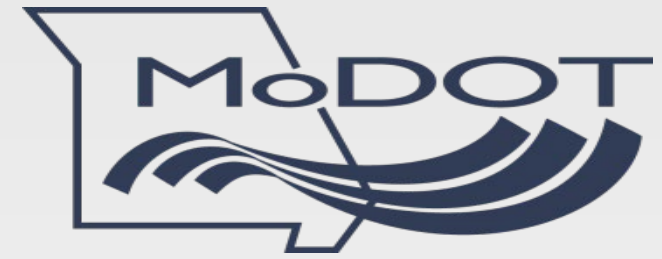
Motor Fuel Taxes (SB-262 Refunds)





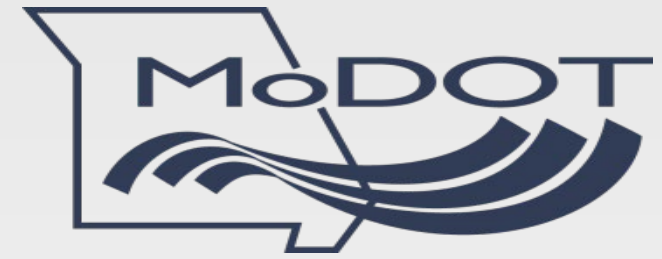
Motor Vehicle Sales Taxes



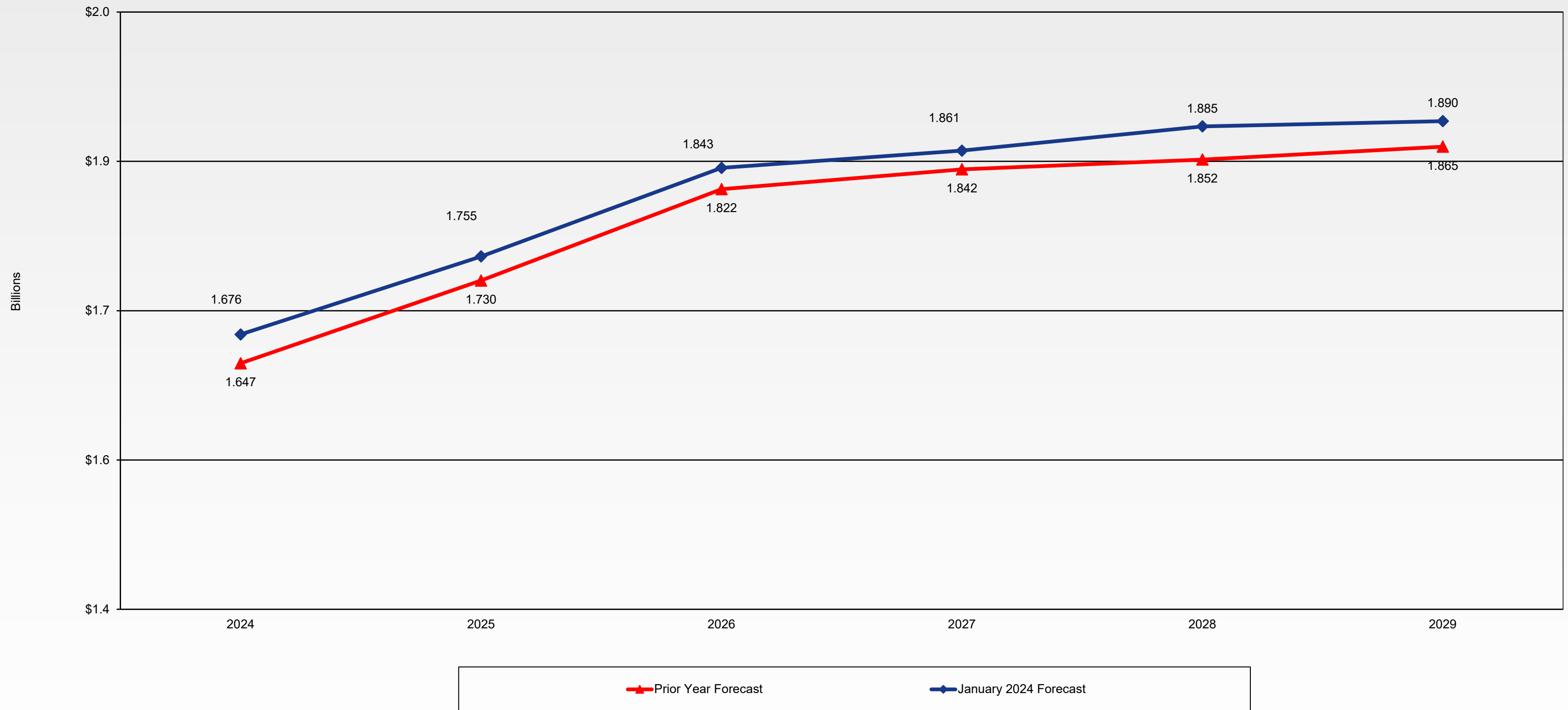


Motor Vehicle & Drivers Fees



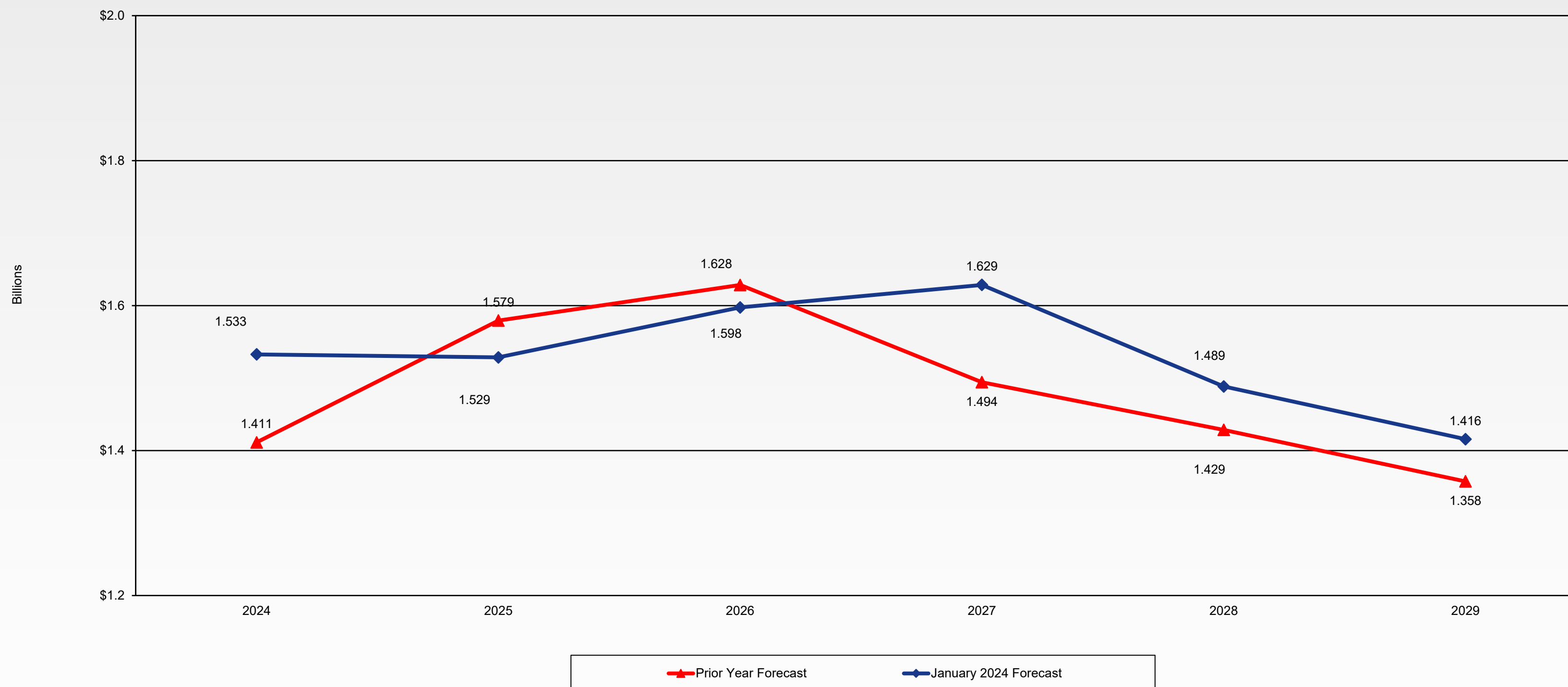


Financial Forecast – State Revenue



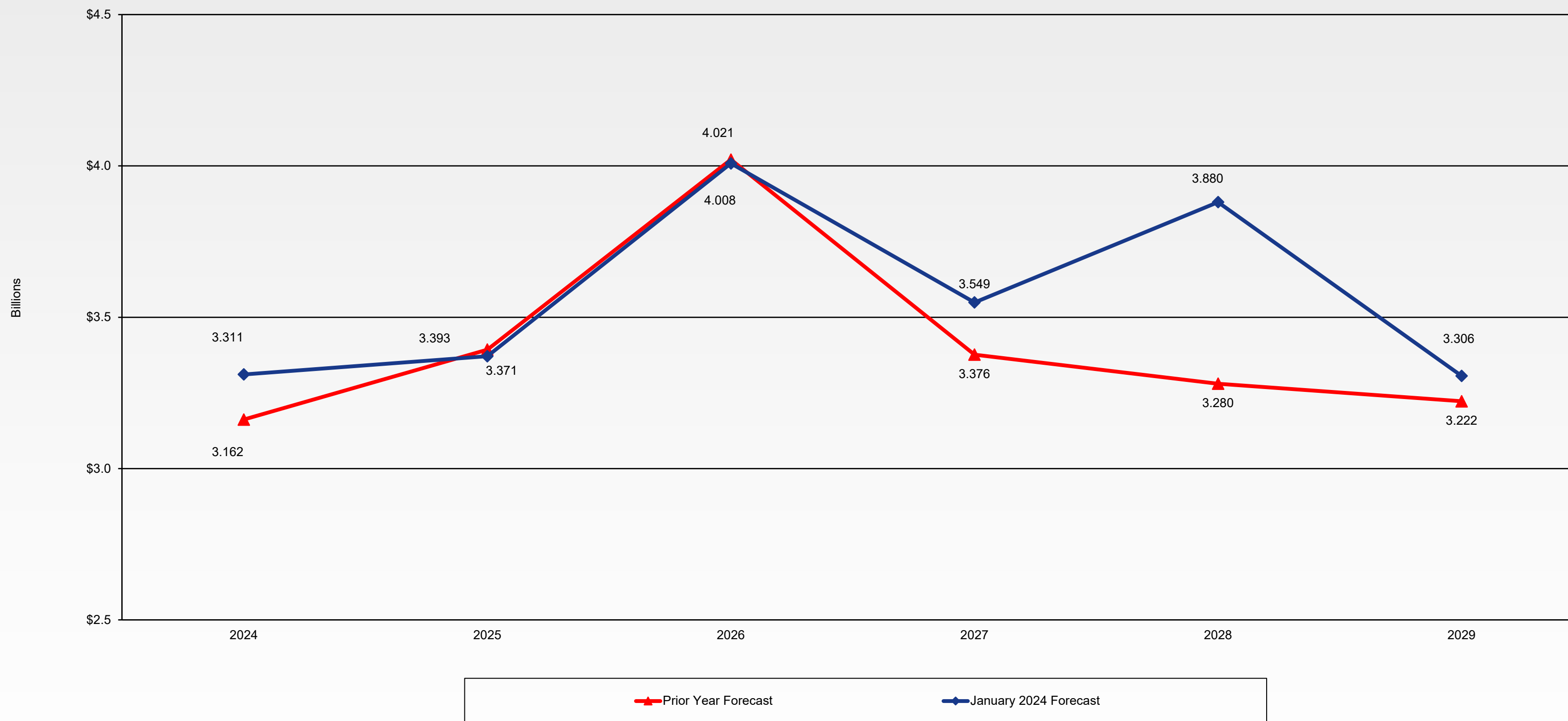


Financial Forecast – Federal Revenue



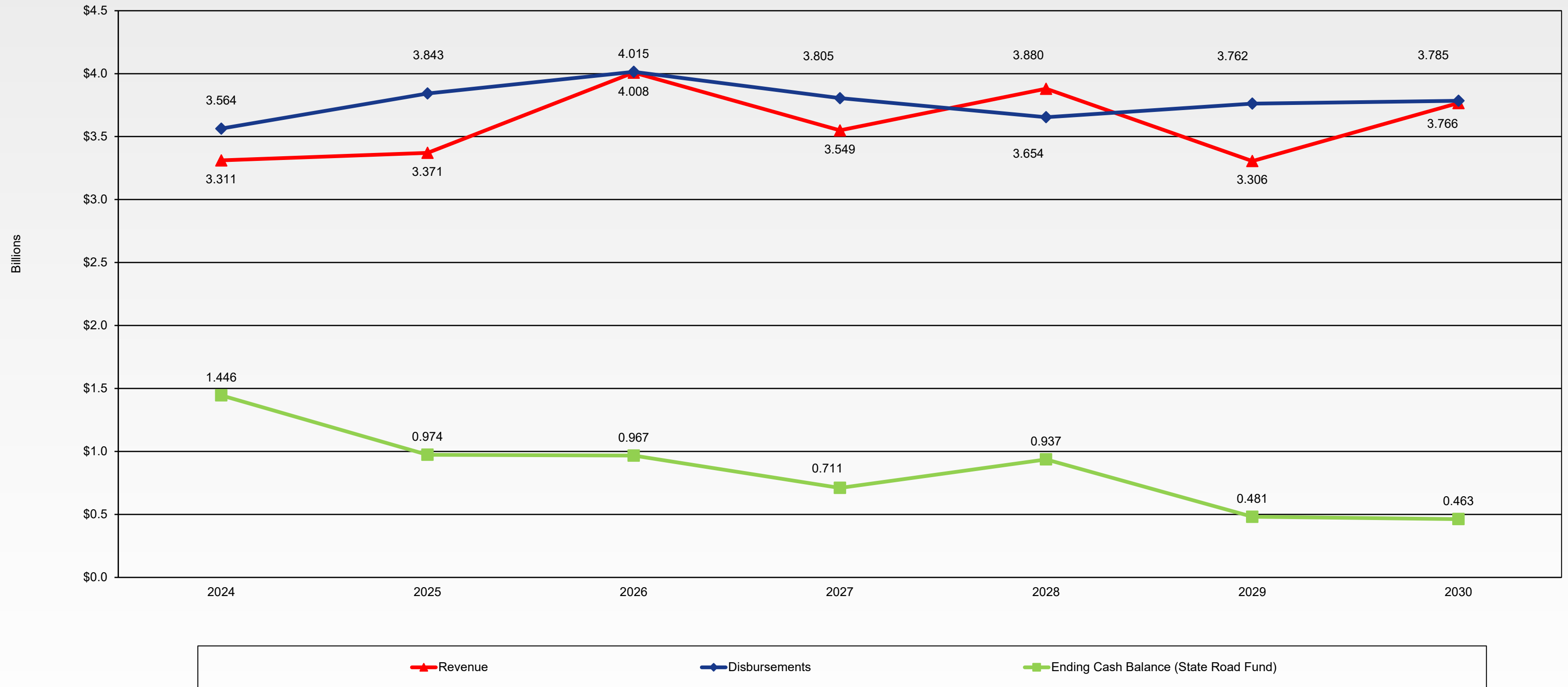


Financial Forecast – Total Revenue

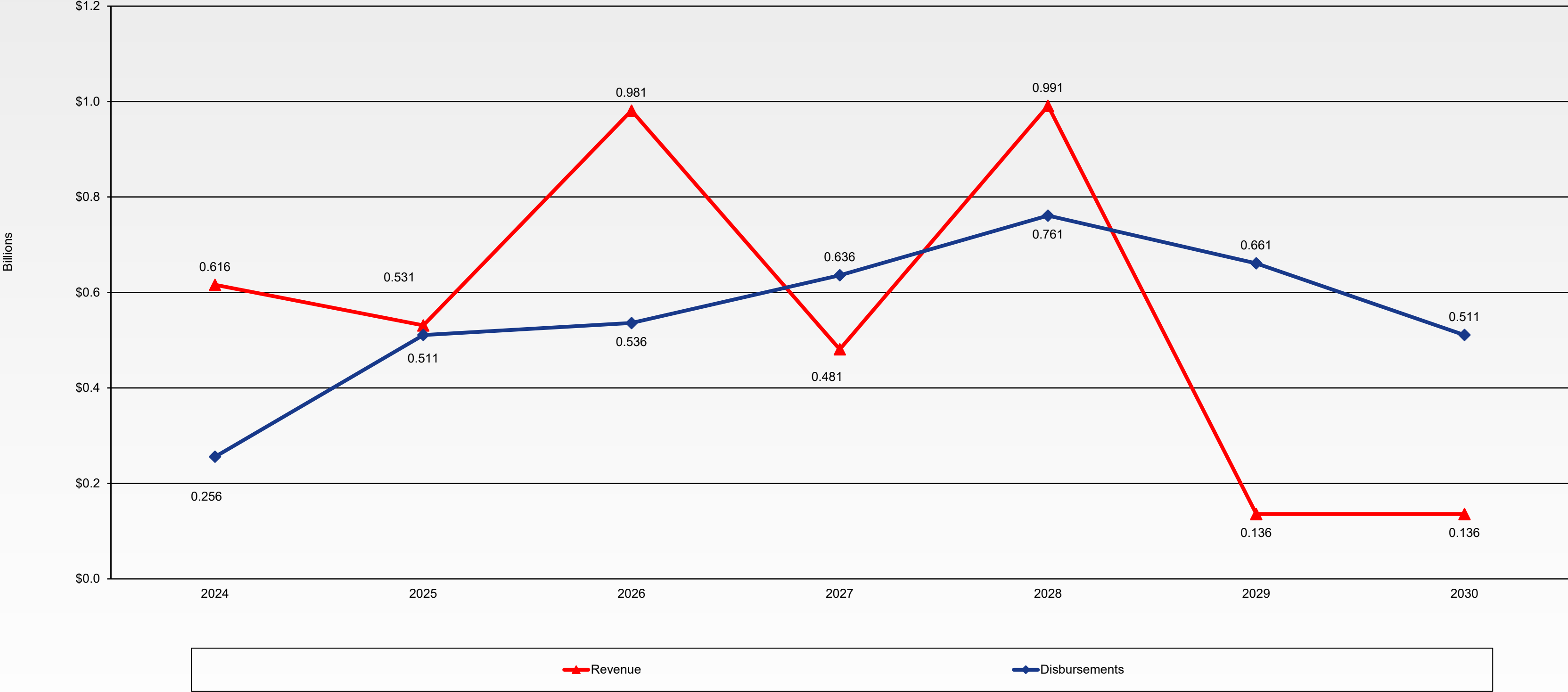




Financial Forecast

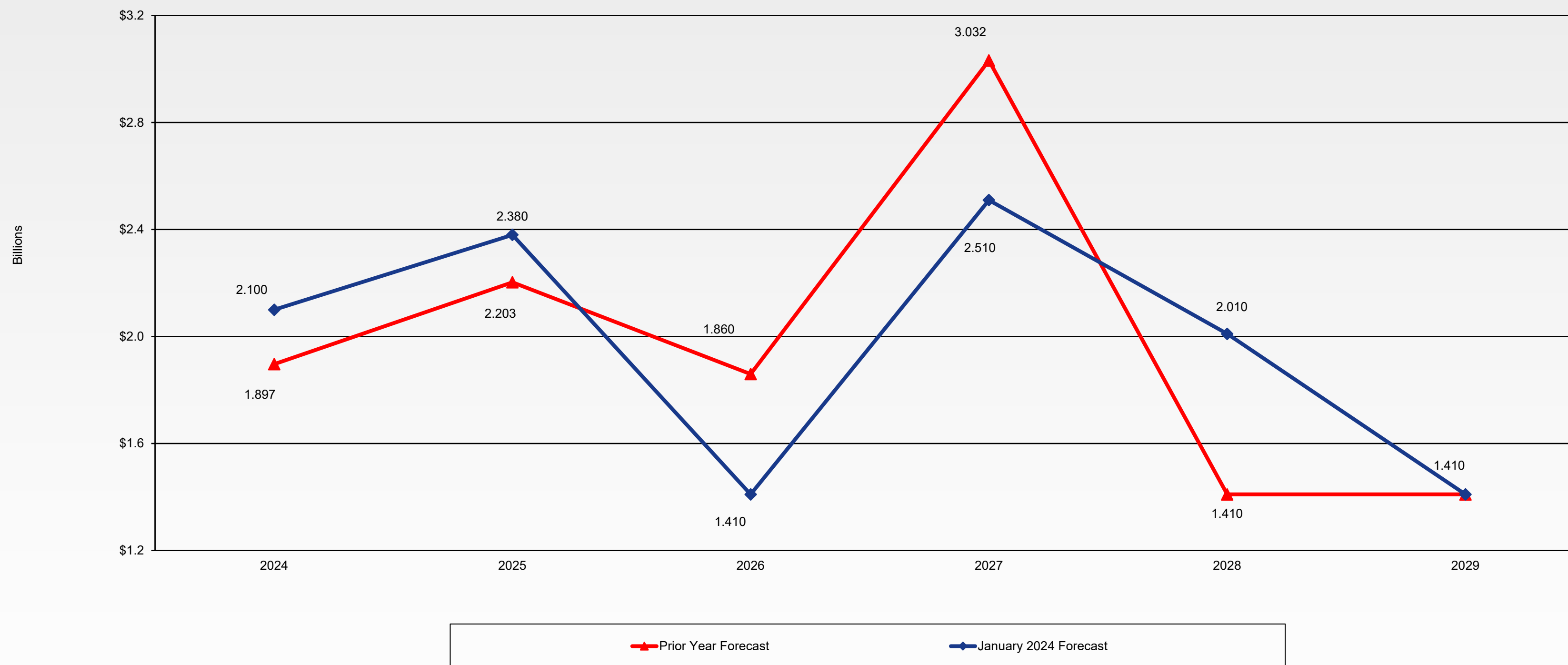


Improve I-70 Program and
General Assembly Designated and Funded Projects

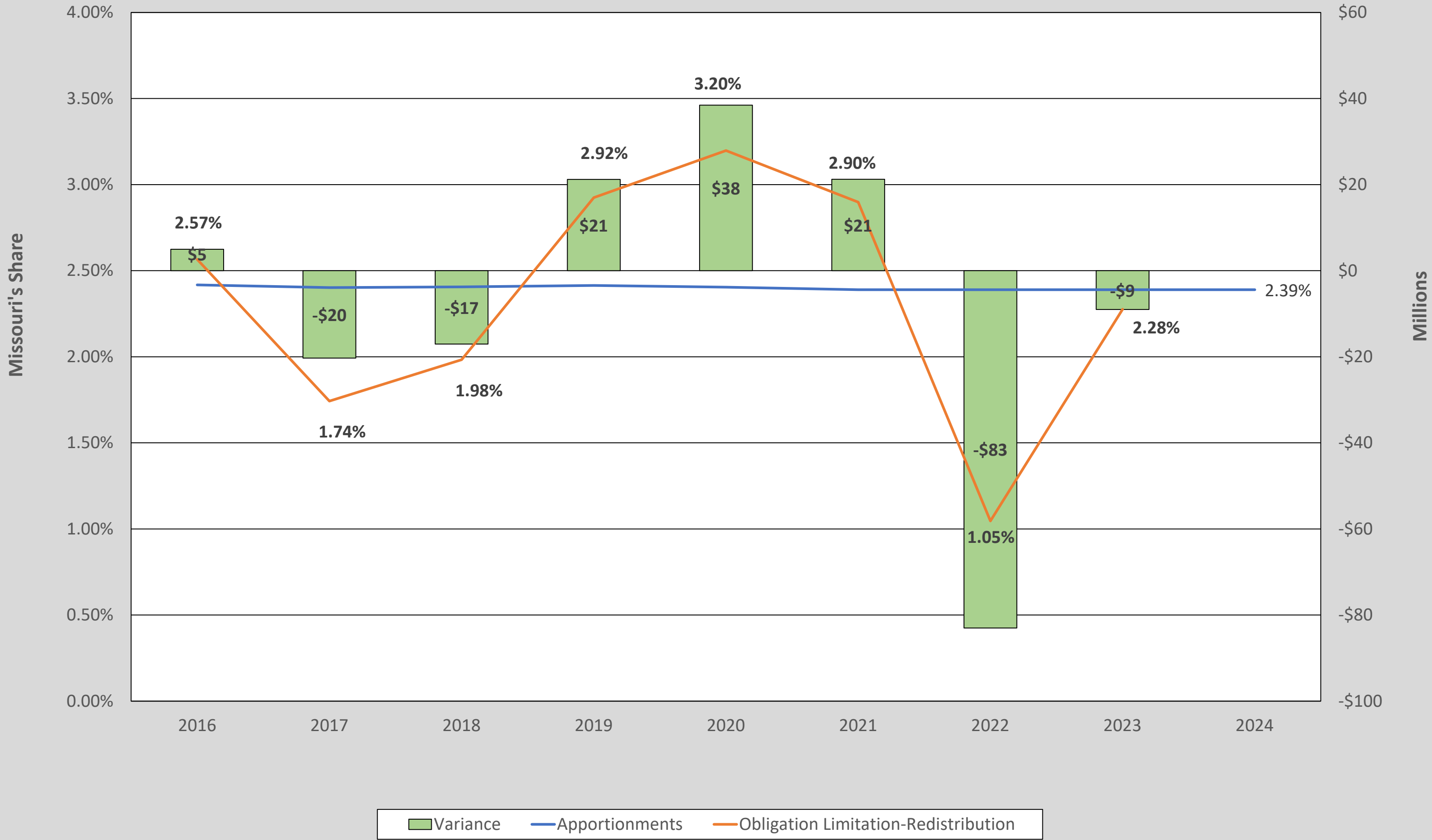




Contractor Awards



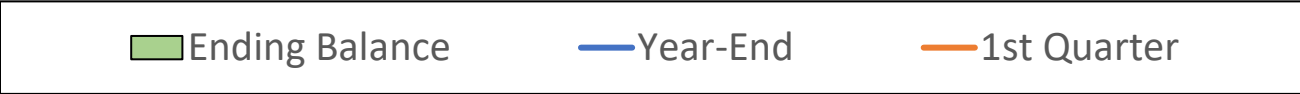
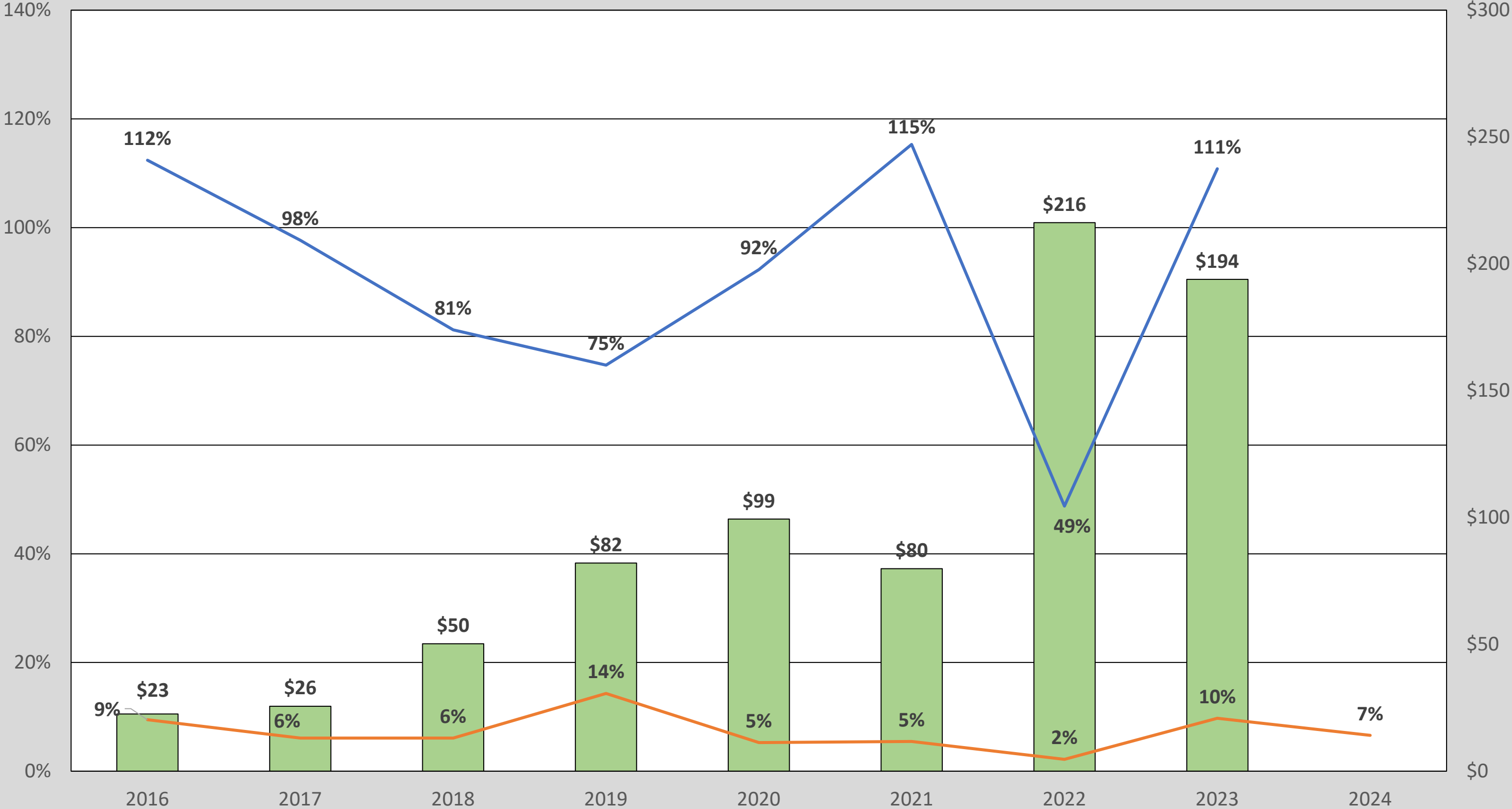
Federal Highway Program



Local Program

Percent of Annual Allocation Obligated

Millions



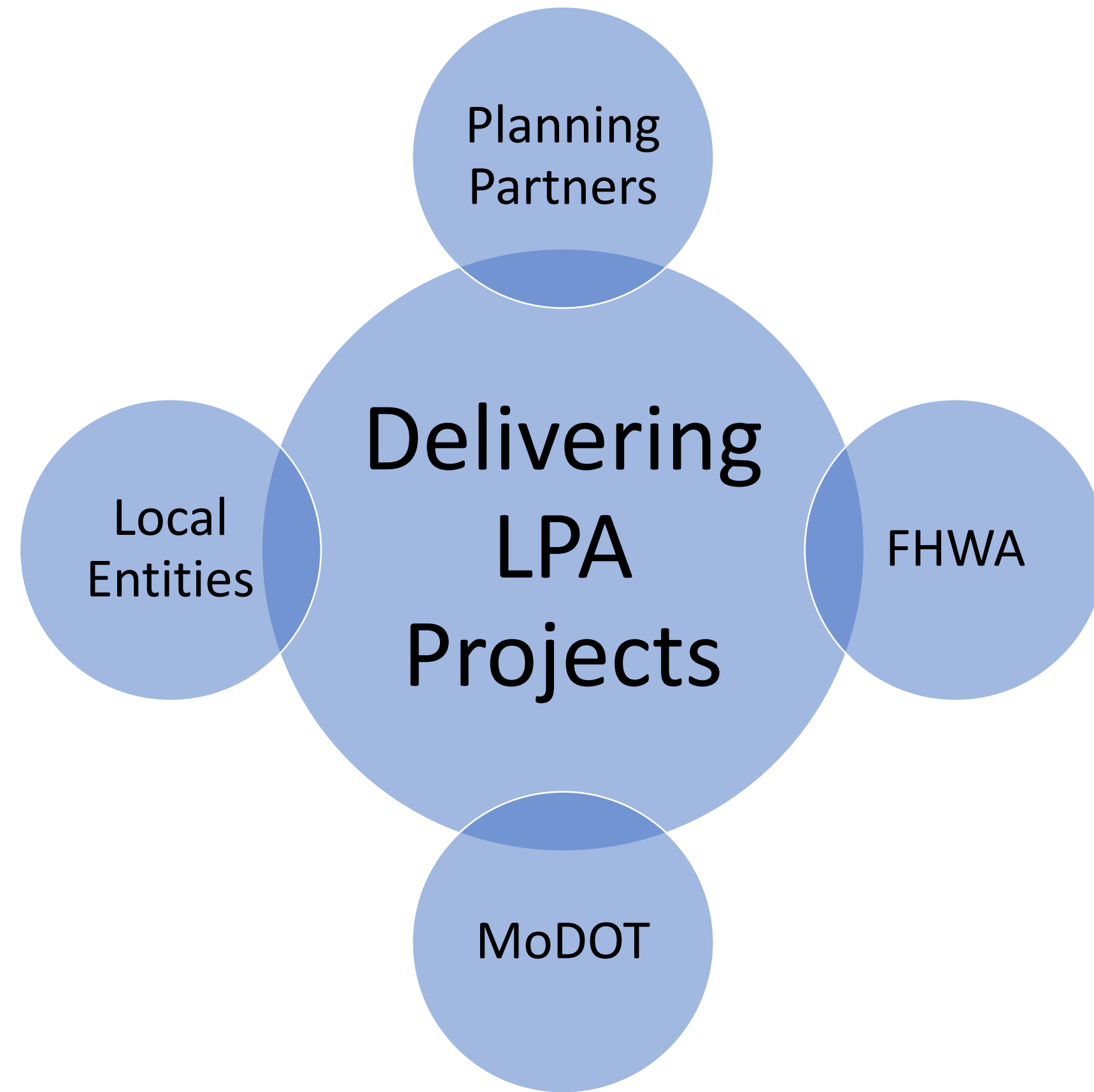


Local Program Updates

2024 Statewide Planning Partner Meeting

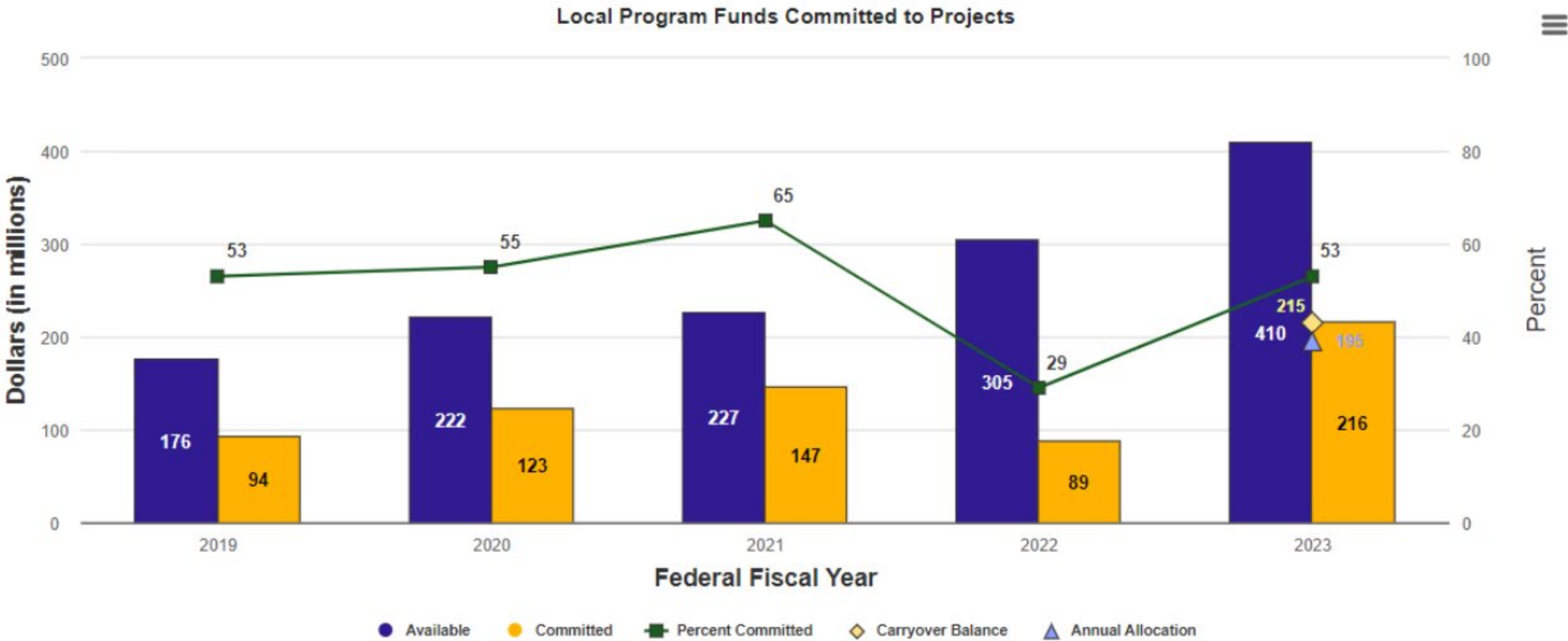


Ashley Buechter
Local Programs Administrator



Where We Have Been

thank you!

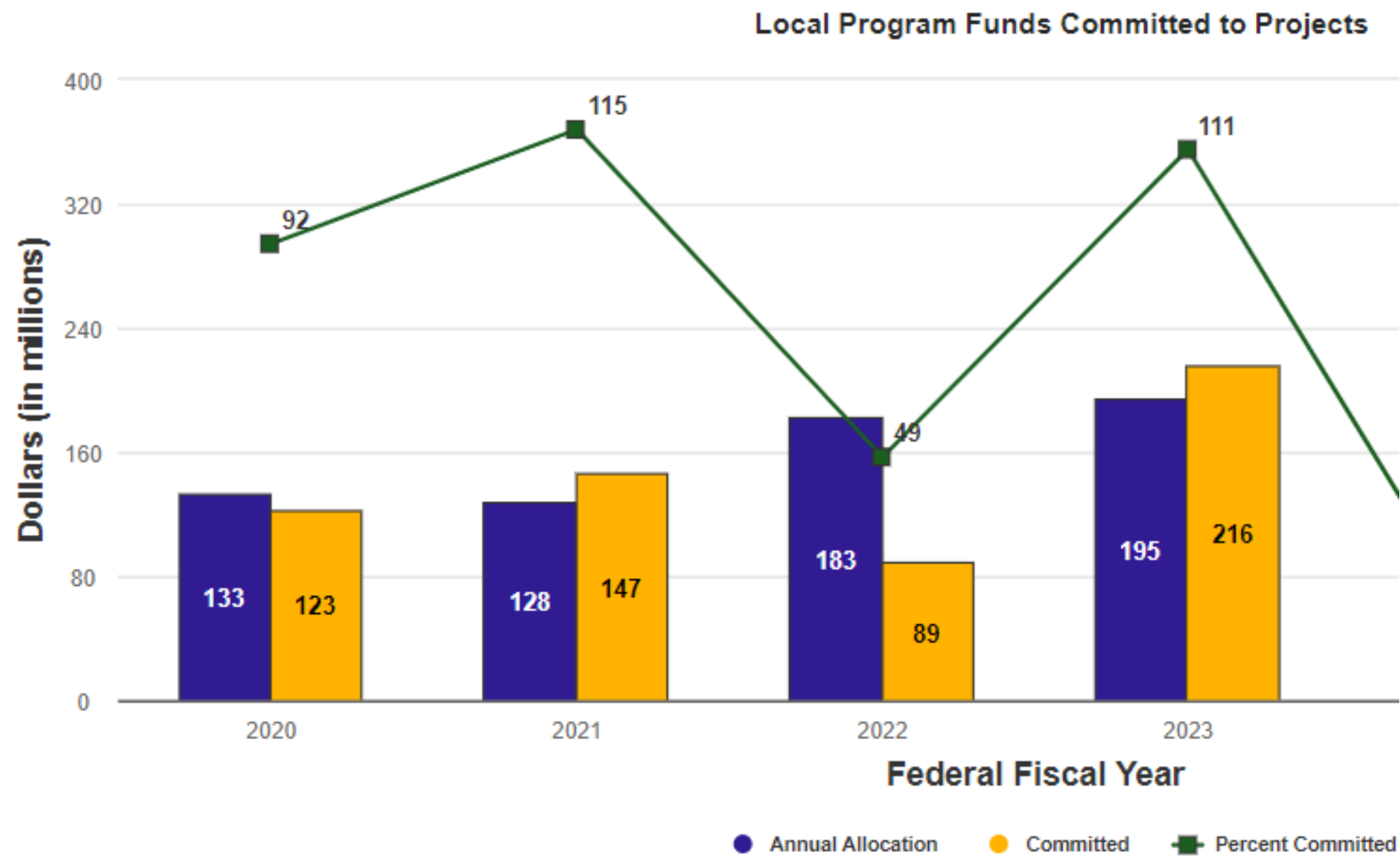


Target: 100% Committed



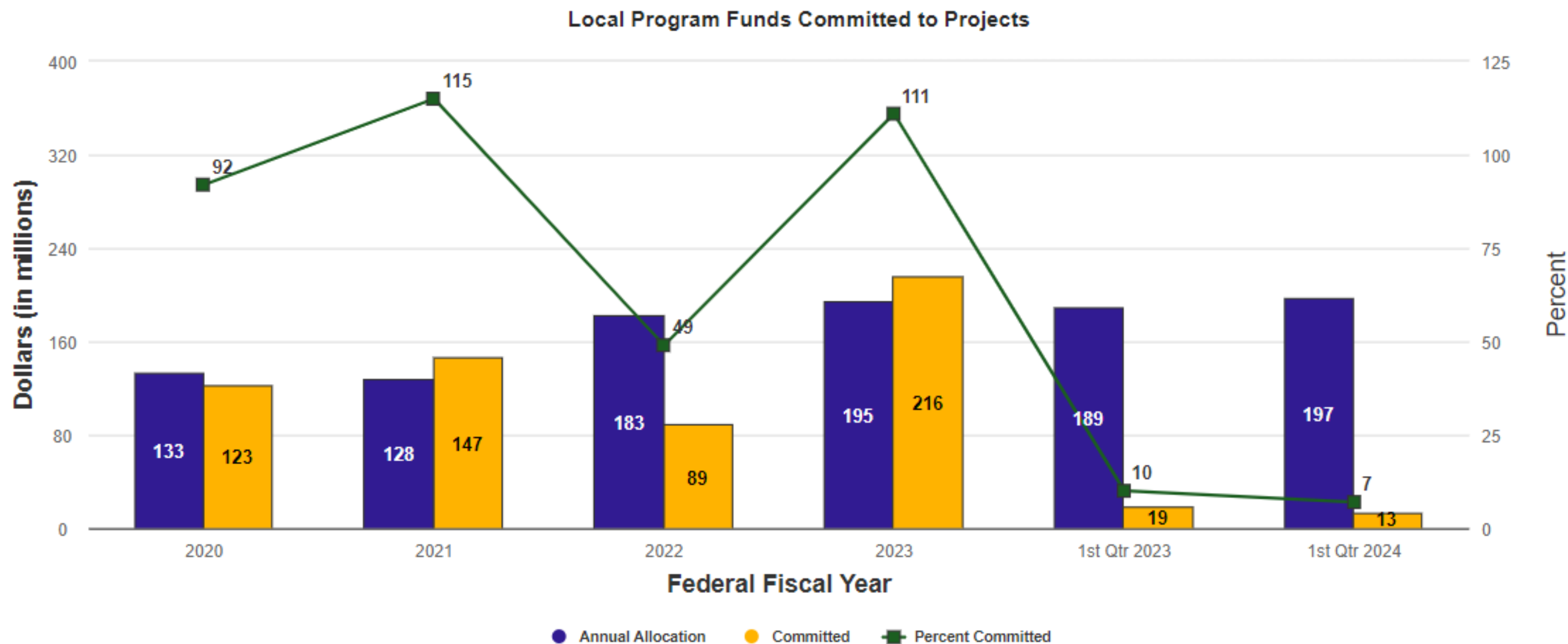
Where We Have Been

thank you!



Where We Are

1st Quarter FFY24



	Beginning Balance
BRO	43,066,631
STP-Large Urban	47,005,534
TE/TAP	61,919,508
CMAQ	2,105,551
HIP	2,374,637
BRIDGE FORMULA	25,658,153
CARBON REDUCTION	11,090,696
Total	193,812,915

Target: 120% Committed



What We Are Doing

training / various education

- LPA Basic Training (online recording, online live, in-person)
- Right of Way Trainings
- Environmental Trainings
- TMA Discussions and Trainings (independent and inclusive)



What We Are Doing

various outreach

- Missouri Municipal League Annual Meeting
- County Commissioners Annual Meeting
- County Clerks Annual Meeting
- Missouri LTAP Outreach (Safety Circuit Rider, Webinars, etc)



What We Are Doing

information sharing

- Missouri DOT Partner Collaboration Webinar (standing agenda item)
- Monthly Balance Summary Reports (started in December '23) **NEW**
- Long-term and Short-term Action Items (continued partnering meetings with TMAs) **IN PROGRESS**
- MoDOT Area Engineers



What We Are Doing

process improvements

- LEAN 2.0 (in St. Louis next week)
- On-Call Consultant Max Increase (\$200,000 effective April 1, 2024)
- External Access to RER
- Area Engineers
- Projects that Involve Railroads

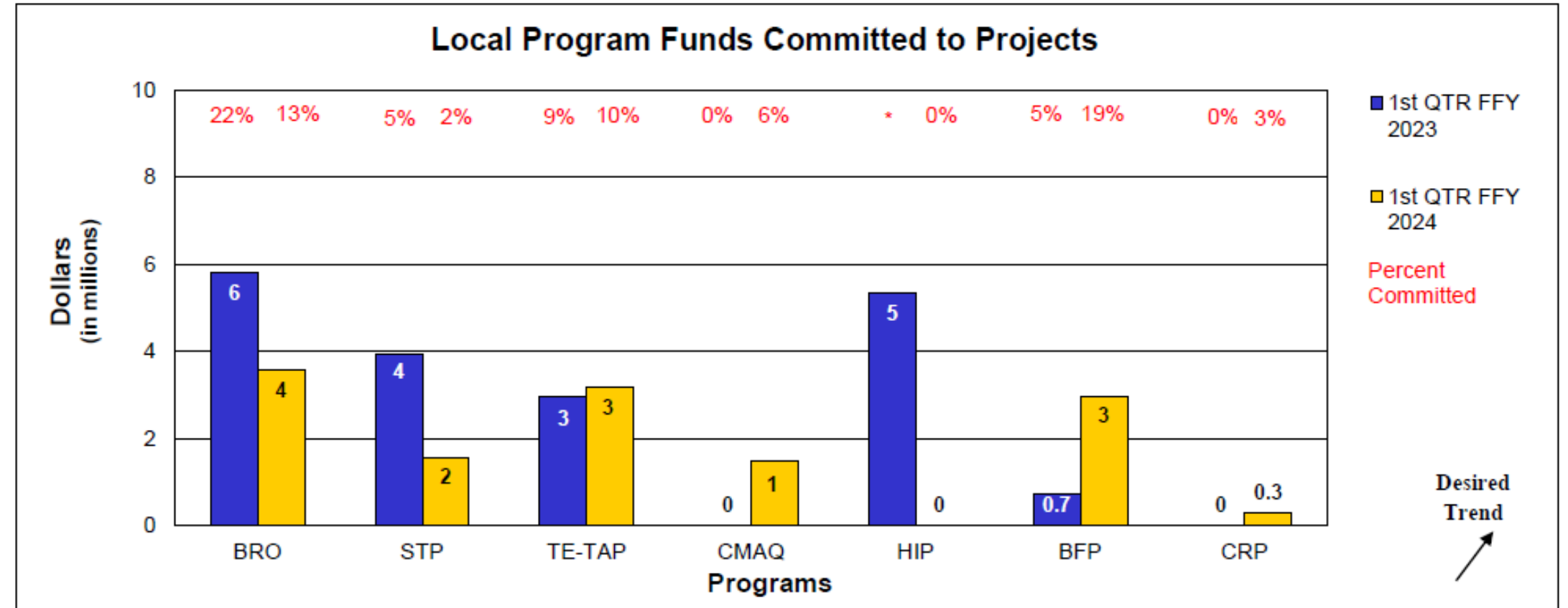


What We Are Doing

continued and additional focus

- TMA areas
- Non-TMA areas
- TAP
- BRO / BFP

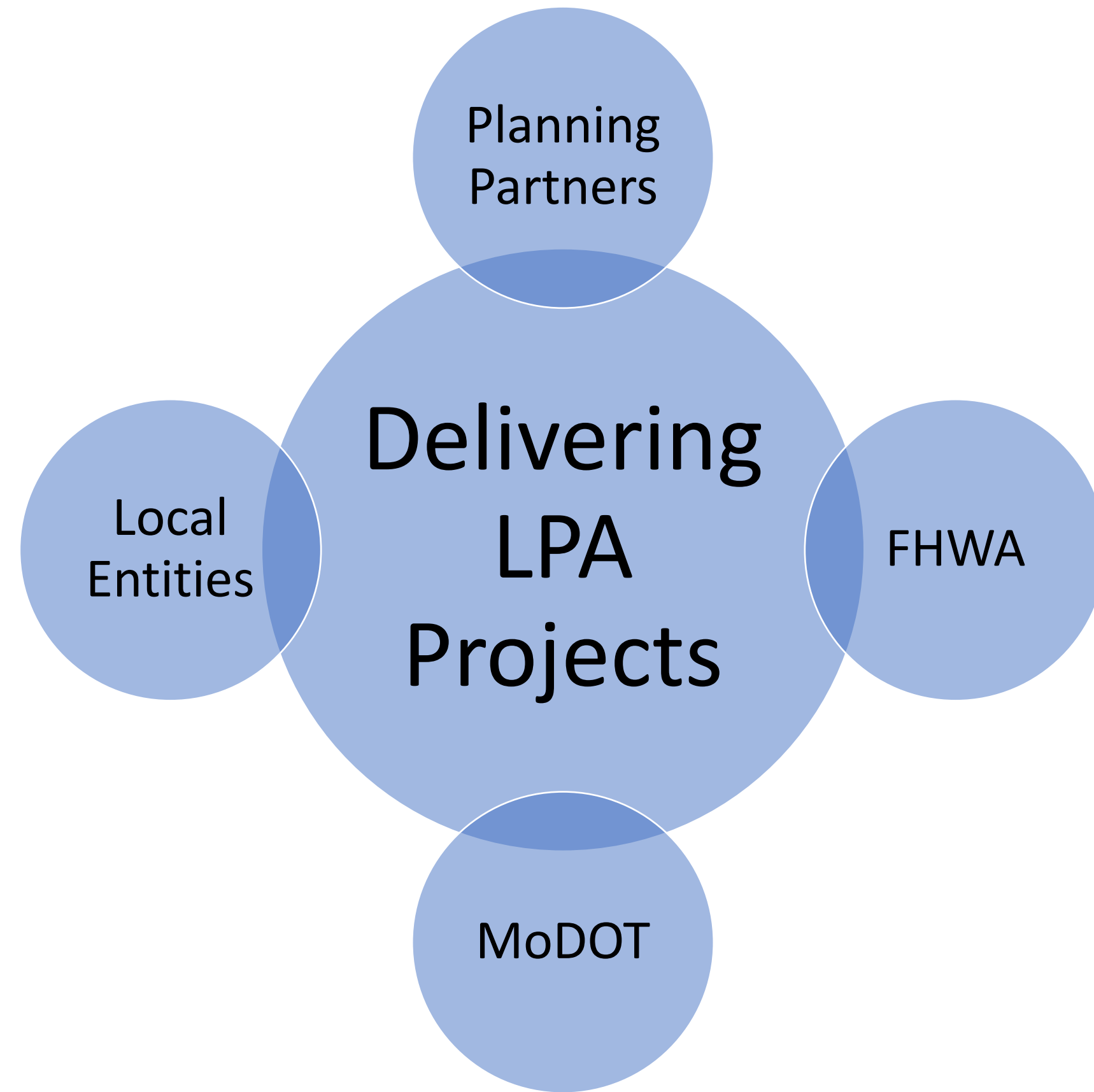
Local Program Funds Committed to Projects -6g



BRO Off-System Bridge Replacement and Rehabilitation Program
CMAQ Congestion Mitigation and Air Quality
TE-TAP Transportation Enhancements -Transportation Alternatives Program
STBG-STP Surface Transportation Block Grant - Surface Transportation Program
HIP Highway Infrastructure Program
BFP Bridge Formula Program
CRP Carbon Reduction Program

* no annual allocation of HIP funds since FFY21, committed funds represented here are from beginning balances; there is no percent as this is compared to annual allocation.





What Do We Need?

open discussion

- More Training?
- Webinars?
- ???



Dates to Remember

TENTATIVE CALENDAR YEAR 2024
CALL FOR PROJECTS SCHEDULE
(dates are subject to change)

TAP	March 1, 2024 - April 26, 2024
TEAP	August 1, 2024 - September 12, 2024
BRO/BFP	October 1, 2024 - November 12, 2024



THANK YOU



MISSOURI'S LOCAL PROGRAM

*Saving Lives, Connecting Communities and
Enhancing Resources*

High Priority Unfunded Needs

HIGH-PRIORITY UNFUNDED



HIGH-PRIORITY UNFUNDED



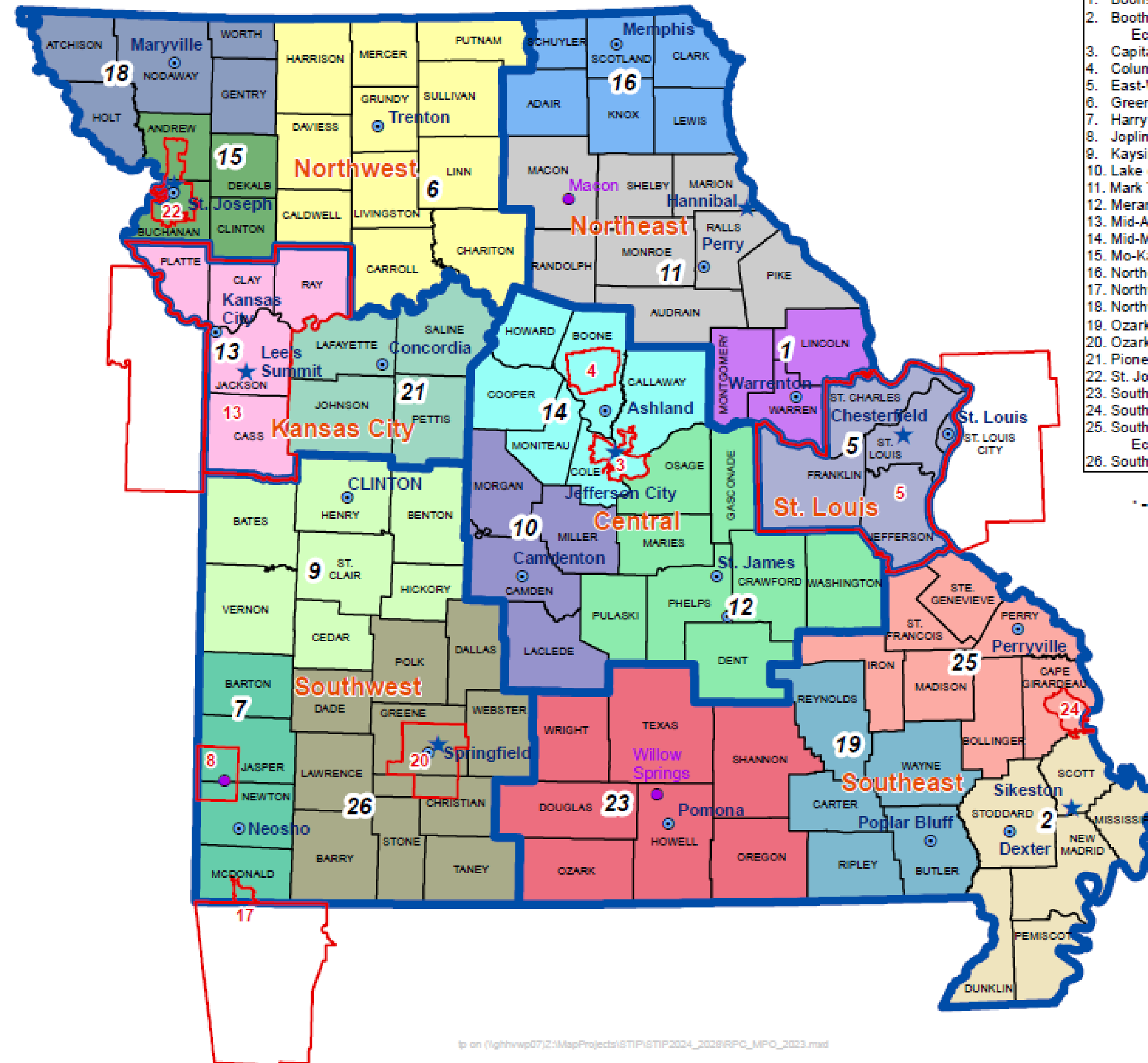
PRIORITY UNFUNDED NE



PRIORITY UNFUNDED NE



Missouri Regional Planning Commissions and Metropolitan Planning Organizations



1. Boonslick Regional Planning Commission	636-458-3473
2. Bootheel Regional Planning & Economic Development Commission	573-614-5178
3. Capital Area Metropolitan Planning Organization	573-634-6410
4. Columbia Area Transportation Study Organization	573-874-7943
5. East-West Gateway Council of Governments*	314-421-4220
6. Green Hills Regional Planning Commission	660-359-5636
7. Harry S Truman Coordinating Council	417-208-9321
8. Joplin Area Transportation Study Organization	417-624-0820
9. Kaysinger Basin Regional Planning Commission	660-885-3393
10. Lake of the Ozarks Council of Local Governments	573-348-5692
11. Mark Twain Regional Council of Governments	573-565-2203
12. Meramec Regional Planning Commission	573-265-2993
13. Mid-America Regional Council*	816-474-4240
14. Mid-Missouri Regional Planning Commission	573-657-9779
15. Mo-Kan Regional Council	816-233-3144
16. Northeast Missouri Regional Planning Commission	660-465-7281
17. Northwest Arkansas Regional Planning Commission	479-751-7125
18. Northwest Missouri Regional Council of Governments	660-582-5121
19. Ozark Foothills Regional Planning Commission	573-785-6402
20. Ozarks Transportation Organization	417-865-3042
21. Pioneer Trails Regional Planning Commission	660-463-7934
22. St. Joseph Area Transportation Study Organization	816-271-4853
23. South Central Ozark Council of Governments	417-258-4226
24. Southeast Metropolitan Planning Organization	573-339-6734
25. Southeast Missouri Regional Planning & Economic Development Commission	573-547-8357
26. Southwest Missouri Council of Governments	417-836-6900

* - Organizations functioning as both RPC and MPO
(Boundaries for the Mid-America Regional Council RPC and MPO vary)

MoDOT District

19

Regional Planning Commission

9

Metropolitan Planning Organization

★

MoDOT District Office

●

Regional Office

⊙

RPC Office

MoDOT Districts 1-888-ASK-MODOT (275-6636)

Prepared by
Missouri Department of Transportation
Transportation Planning
www.modot.org

January 29, 2024



Safety Improvements Project Overview

February 2024



SAFETY
IMPROVEMENTS PROJECT
A LIFESAVING PARTNERSHIP



SAINT LOUIS COUNTY
Missouri



Project Goals

1. Reduce **fatal and serious injury crashes** within the budget of \$52 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**.

Team Members

Project Director (Procurement & Design) – Stacey Smith *

Project Director (Construction) – Nick Gibbons *

Team Advisor – Tim Hellebusch

Team Members – Glenn Konersmann, Daniel Steinmeyer, Chris Becker, Loriell Campbell

Team Support – Eddie Watkins, Dave Simmons, Katy Harlan, Rachel Sudduth

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

FHWA – Felix Gonzalez

* Stacey will be Project Director until Winter 2024/2025. Nick will be Project Director for the remainder of the project.

Project History

- Highway Safety Improvement Program (HSIP)
 - Federal-aid program for significant reduction in traffic fatalities and serious injuries
 - Available to all public roads
 - Data-driven approach focused on performance required
- MoDOT receives funding annually from HSIP
 - MoDOT offered \$2 million to St. Louis County to match
 - St. Louis County committed funds within a few days

Budget and Financial Partnership

	MoDOT Roadways	St. Louis County Roadways *
Engineering, Stipends, RW, UT	\$8,500,000	\$1,000,000
Design-Build Contract	\$39,500,000	\$3,000,000
<i>Total Budget</i>	<i>\$48,000,000</i>	<i>\$4,000,000</i>

* St. Louis County project includes work on St. Louis County Roads only. This budget consists of \$2 million in Federal Safety Funds and \$2 million in St. Louis County funds.



Data Analysis

- Crash Data Analysis Period: 2016 to 2020
- Results: 5,321 fatal and serious injury crashes on all roads in three counties
- Possible Scope: over 400 locations for competing Design-Build teams to choose from

Design-Build Procurement Process

- MoDOT wrote Request for Proposals outlining competition and contract requirements
- Teams maximized general and systemic safety improvements by:
 - Selecting locations and countermeasures
 - Maximizing efficiency in design and constructability
- Also considered:
 - Maintenance requirements
 - Construction requirements

Diversity Requirements

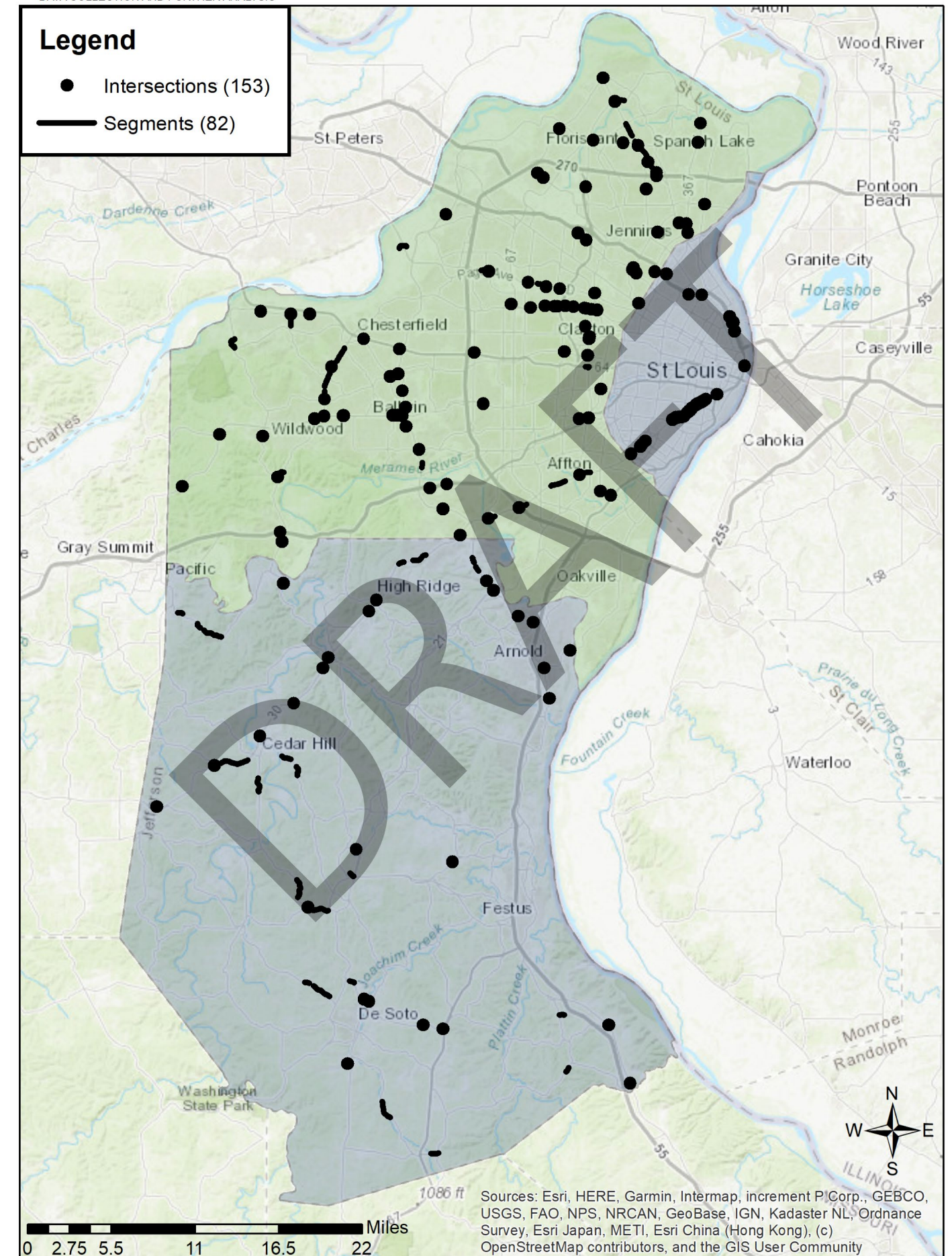
- Disadvantaged Business Enterprise (DBE)
 - 18% for Professional Services
 - 14% for Construction Activities
- Workforce Diversity
 - 14.7% Minority
 - 6.9% Female
 - 2 On-the-Job Trainees (OJT) for Construction

Project Scope

- Over 230 locations in Jefferson County, St. Louis City, and St. Louis County
 - Includes over 30 locations on St. Louis County roads

FOR PLANNING USE ONLY
THE LOCATIONS SHOWN ARE CONCEPTUAL
AND SUBJECT TO CHANGE BASED ON ADDITIONAL
DATA COLLECTION AND FURTHER ANALYSIS

February 2024

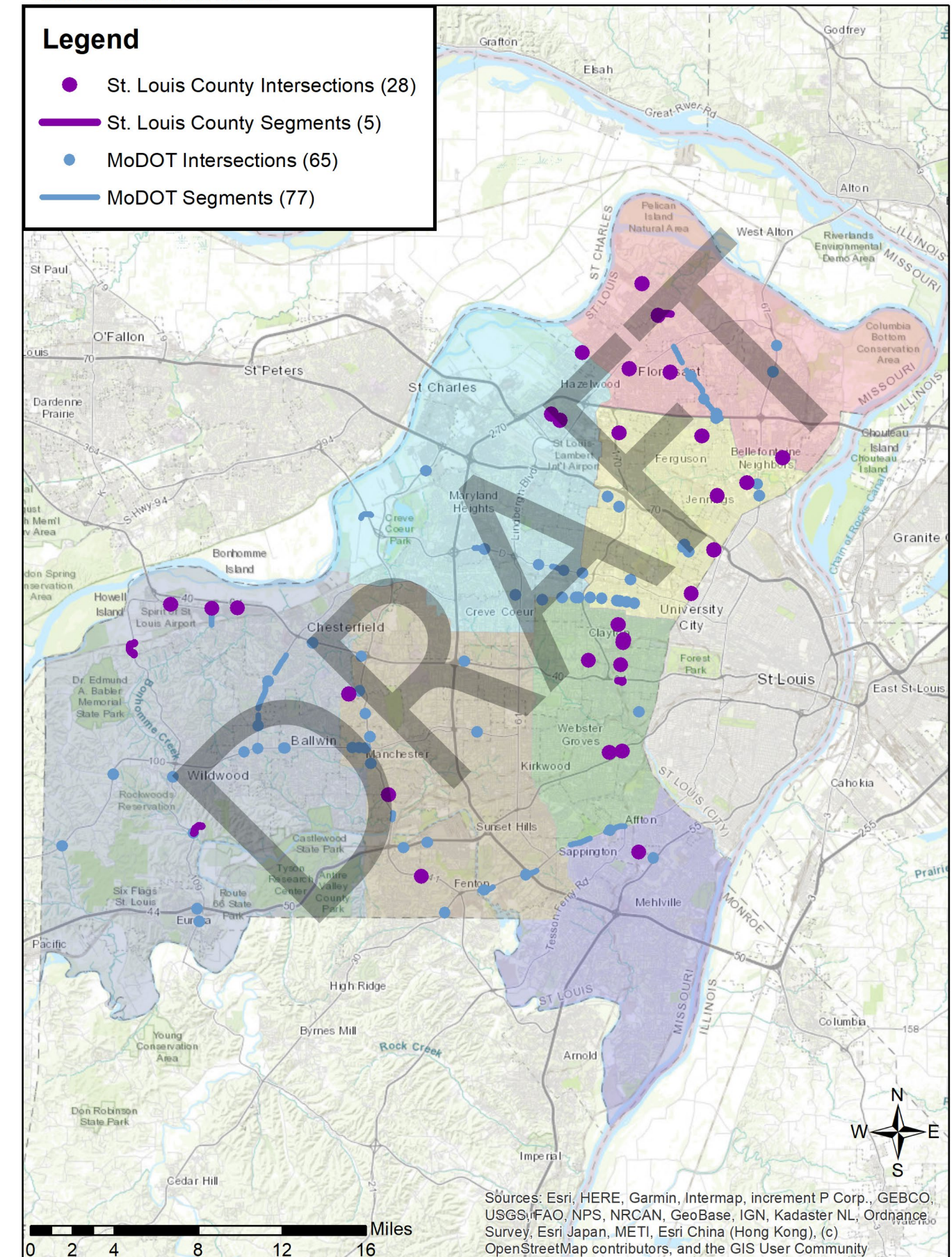


St. Louis County Scope

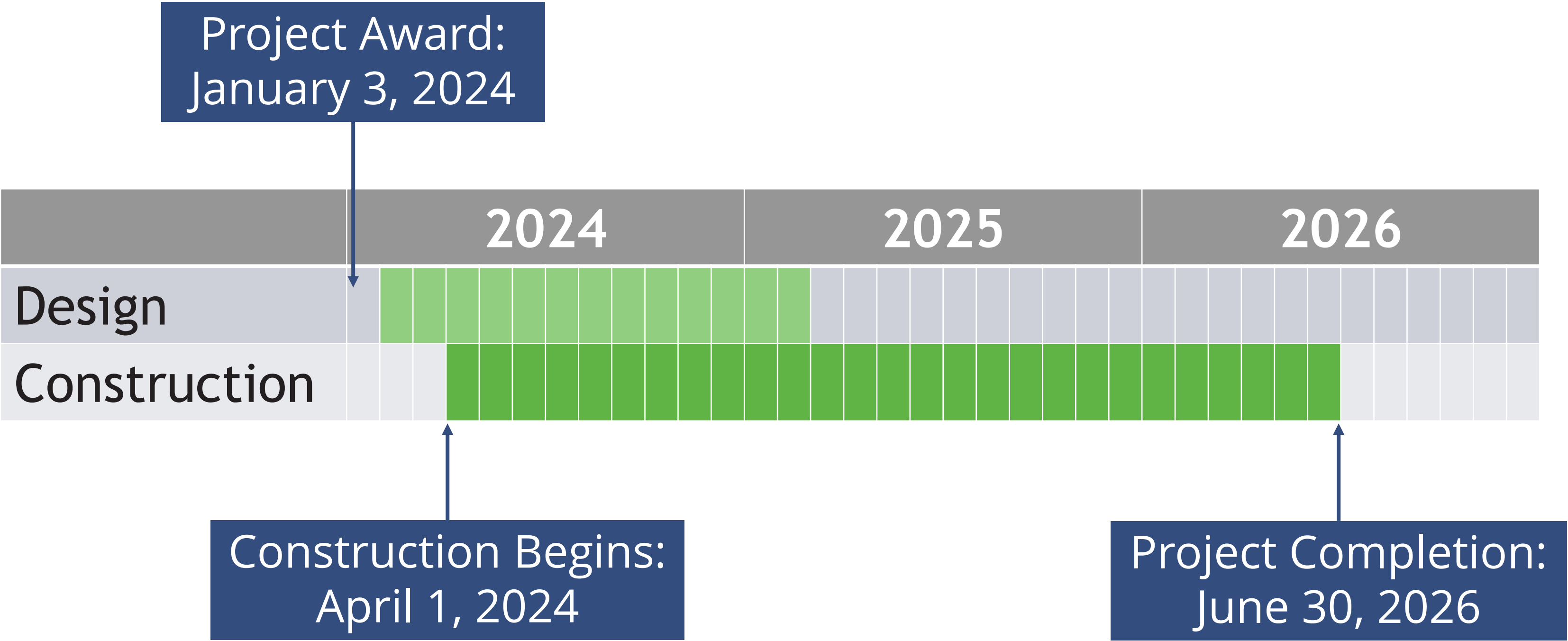
- This project includes work on St. Louis County and MoDOT roads in all seven districts of St. Louis County

FOR PLANNING USE ONLY
THE LOCATIONS SHOWN ARE CONCEPTUAL
AND SUBJECT TO CHANGE BASED ON ADDITIONAL
DATA COLLECTION AND FURTHER ANALYSIS

February 2024

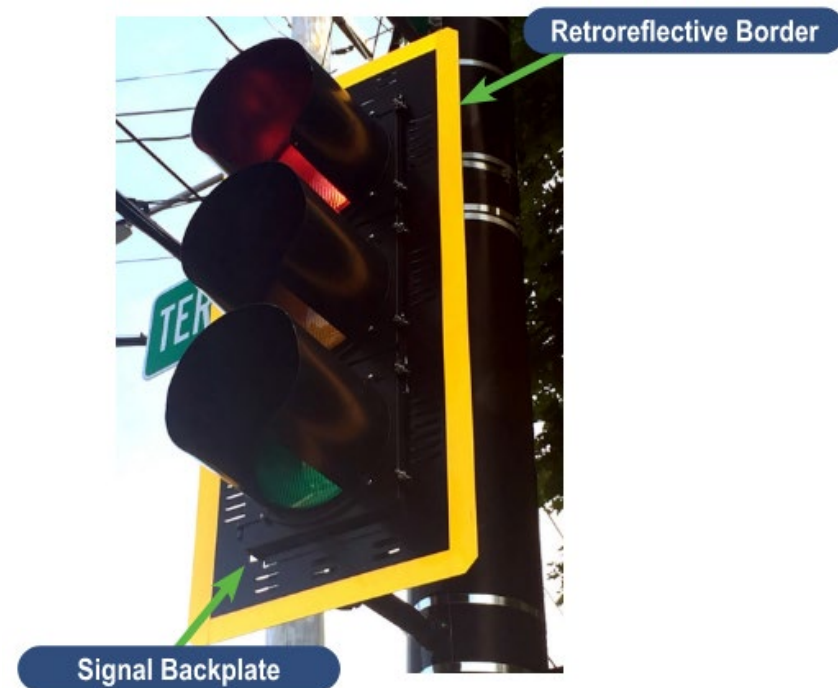


Project Schedule



What will be constructed first?

- Construction will begin in April, installing retroreflective backplates to make signals more visible and signs to make curves more visible.

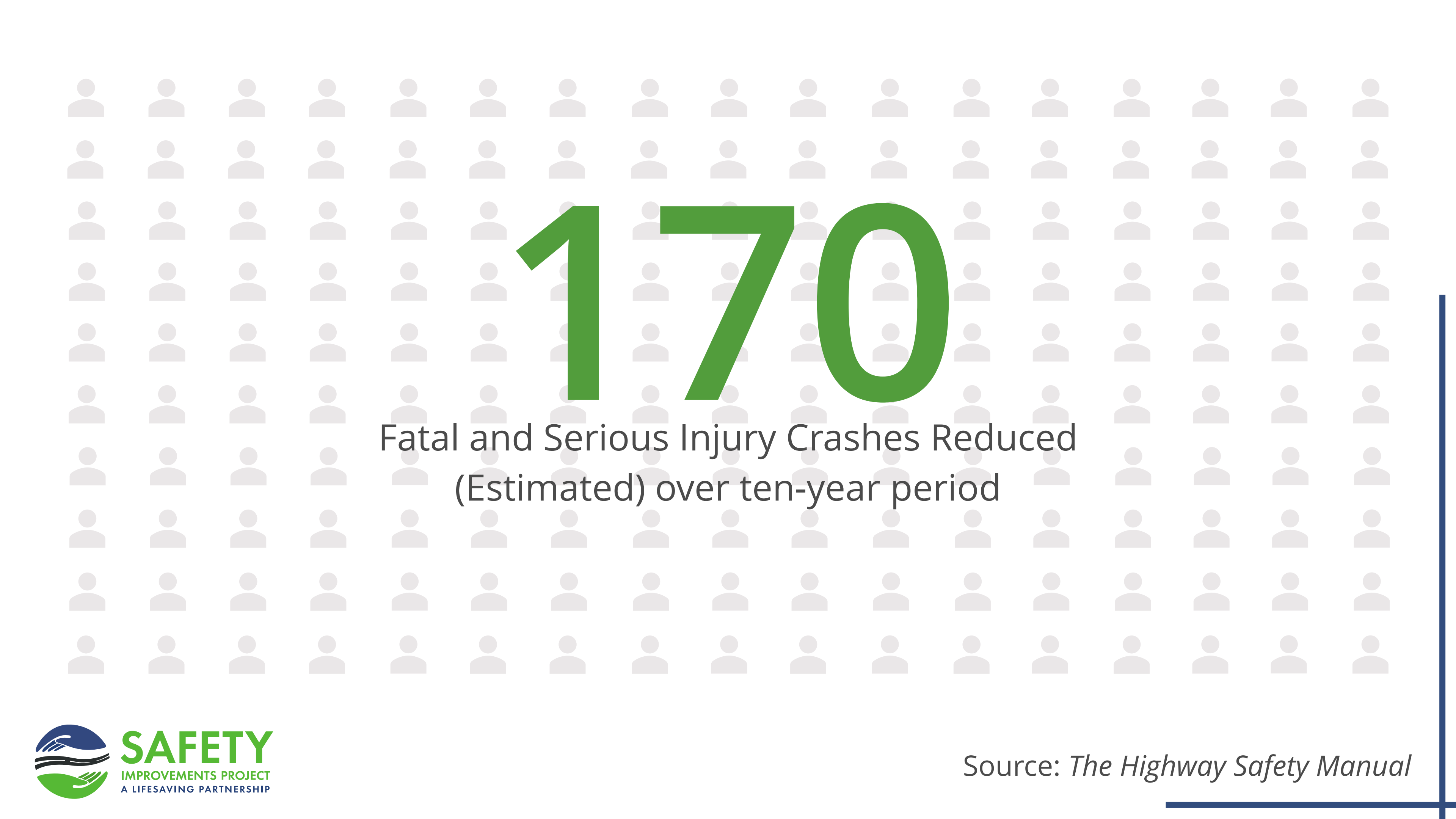


\$1.2 Billion

In estimated societal savings due to crash reduction



Source: Missouri Department of Transportation and Federal Highway Administration



170

Fatal and Serious Injury Crashes Reduced
(Estimated) over ten-year period



Thank you!