



STIP Development

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Statewide Planning Partner Meeting
February 8, 2019**

Missouri Transportation Funding

FISCAL YEAR 2018 (Dollars in Millions)



Missouri User Fees and Other Revenue (Gas Tax)

\$1,582

Federal Revenue (Gas Tax)

\$1,011

Missouri General Revenue (Income Tax)

\$12

Total Revenue \$2,605

\$393

Cities and Counties

State = \$277

Federal = \$116

\$261

Other State Agencies

Revenue, HWY Patrol & License Plate Reissuance

\$290

Debt Payment

\$1,571

State Roads and Bridges

Federal = \$835

State = \$736

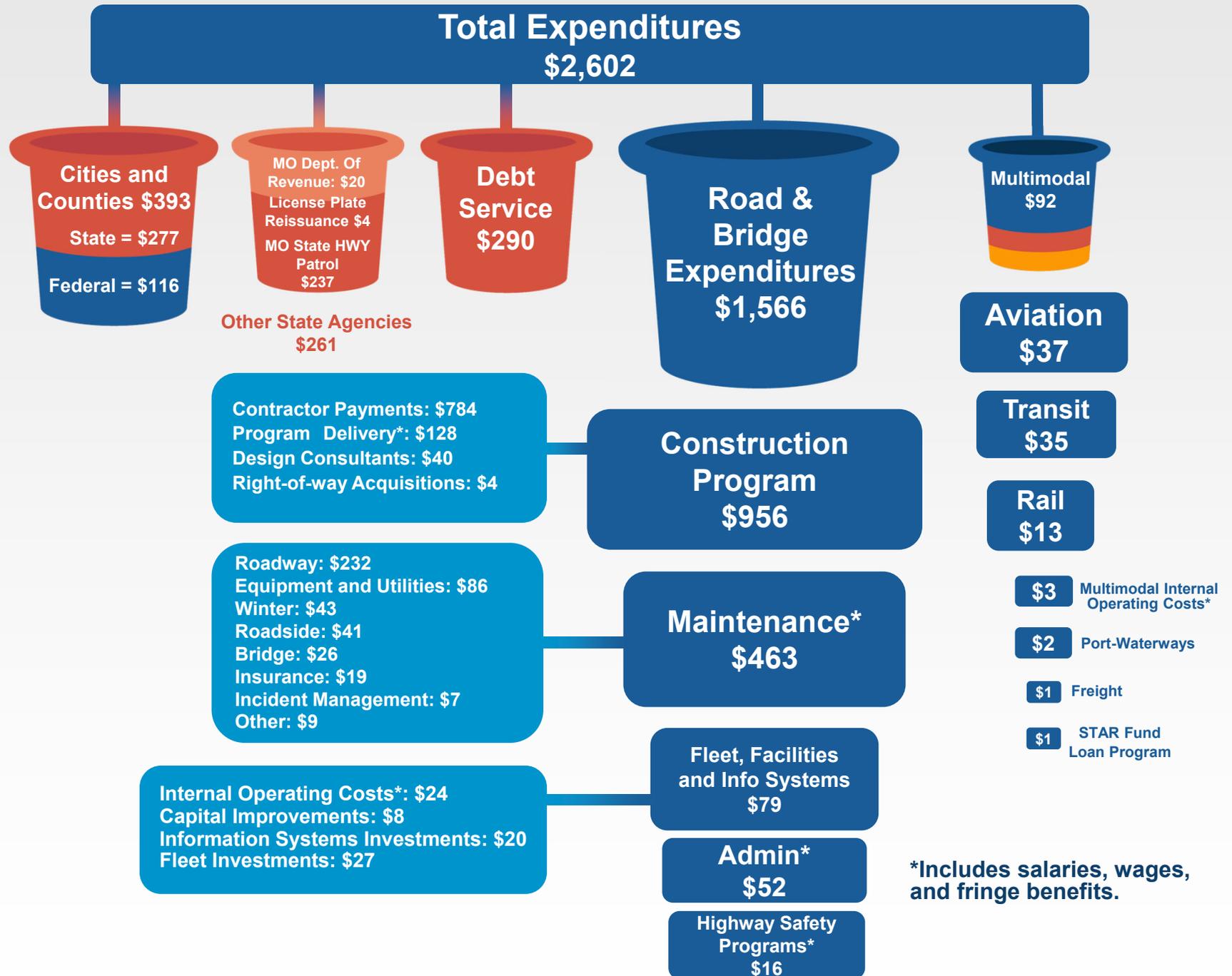
\$90

Multimodal

Federal = \$60

State = \$18

Gen. rev. = \$12



STIP
Operations

Total Expenditures
\$2,602

Cities and Counties \$393
State = \$277
Federal = \$116

MO Dept. Of Revenue: \$20
License Plate Reissuance \$4
MO State HWY Patrol \$237

Other State Agencies
\$261

Debt Service
\$290

Road & Bridge Expenditures
\$1,566

Multimodal
\$92

Aviation
\$37

Transit
\$35

Rail
\$13

\$3 Multimodal Internal Operating Costs*

\$2 Port-Waterways

\$1 Freight

\$1 STAR Fund Loan Program

Contractor Payments: \$784
Program Delivery*: \$128
Design Consultants: \$40
Right-of-way Acquisitions: \$4

Construction Program
\$956

Roadway: \$232
Equipment and Utilities: \$86
Winter: \$43
Roadside: \$41
Bridge: \$26
Insurance: \$19
Incident Management: \$7
Other: \$9

Maintenance*
\$463

Internal Operating Costs*: \$24
Capital Improvements: \$8
Information Systems Investments: \$20
Fleet Investments: \$27

Fleet, Facilities and Info Systems
\$79

Admin*
\$52

Highway Safety Programs*
\$16

*Includes salaries, wages, and fringe benefits.

Construction Program Funds Distribution

(Fiscal Year 2018 Amounts)

Total
Construction
Program Funds
\$1,146 Million



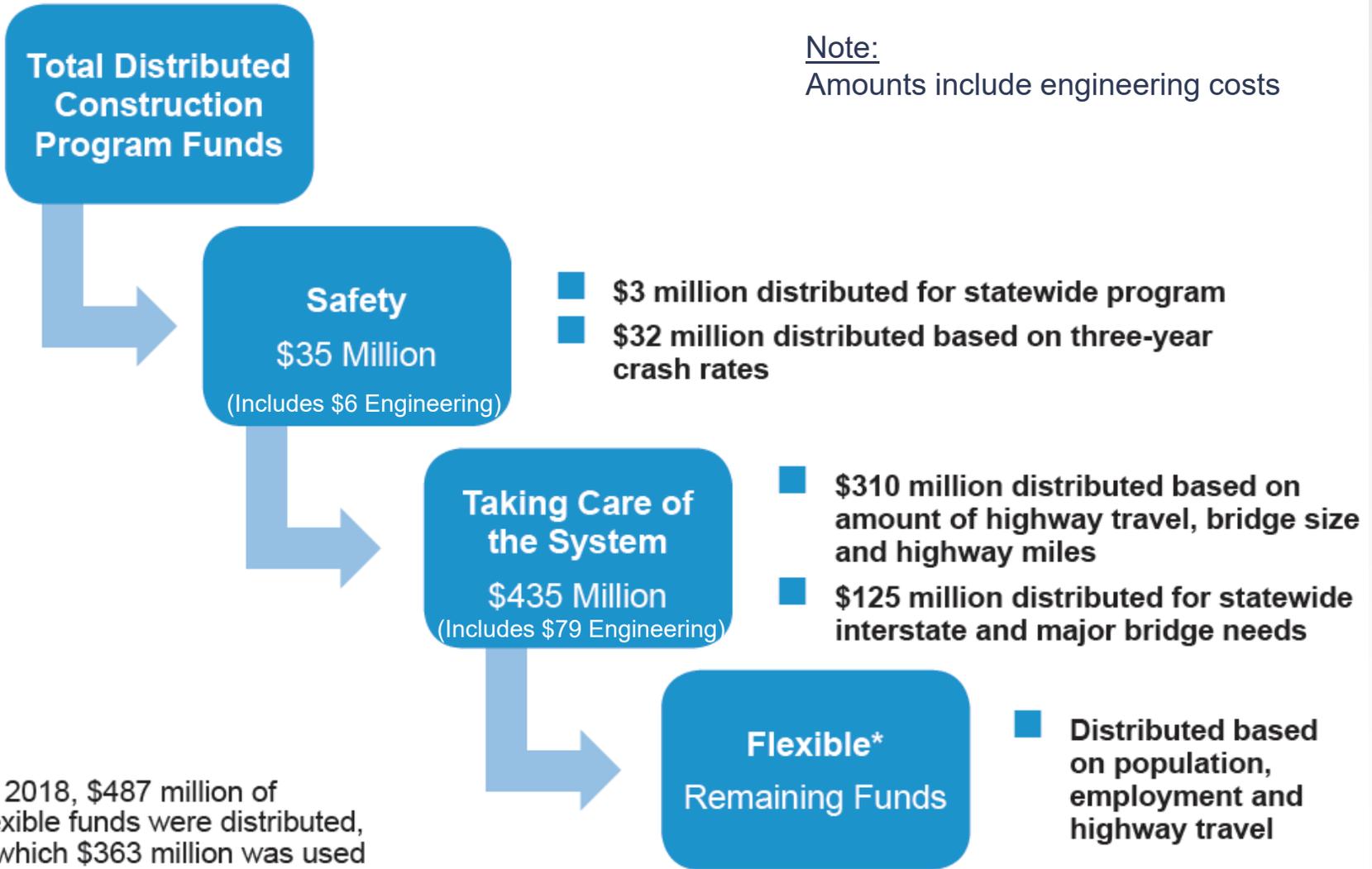
Special
Programs
\$189 Million

- Cost Share and Partnering Funds
- Transportation Alternatives
- Open Container Penalty
- Asset Management Deficit



Total Distributed
Construction
Program Funds
\$957 Million

Construction program funds are allocated annually to districts using the following formula:



Note:
Amounts include engineering costs

*In 2018, \$487 million of Flexible funds were distributed, of which \$363 million was used for taking care of our system.

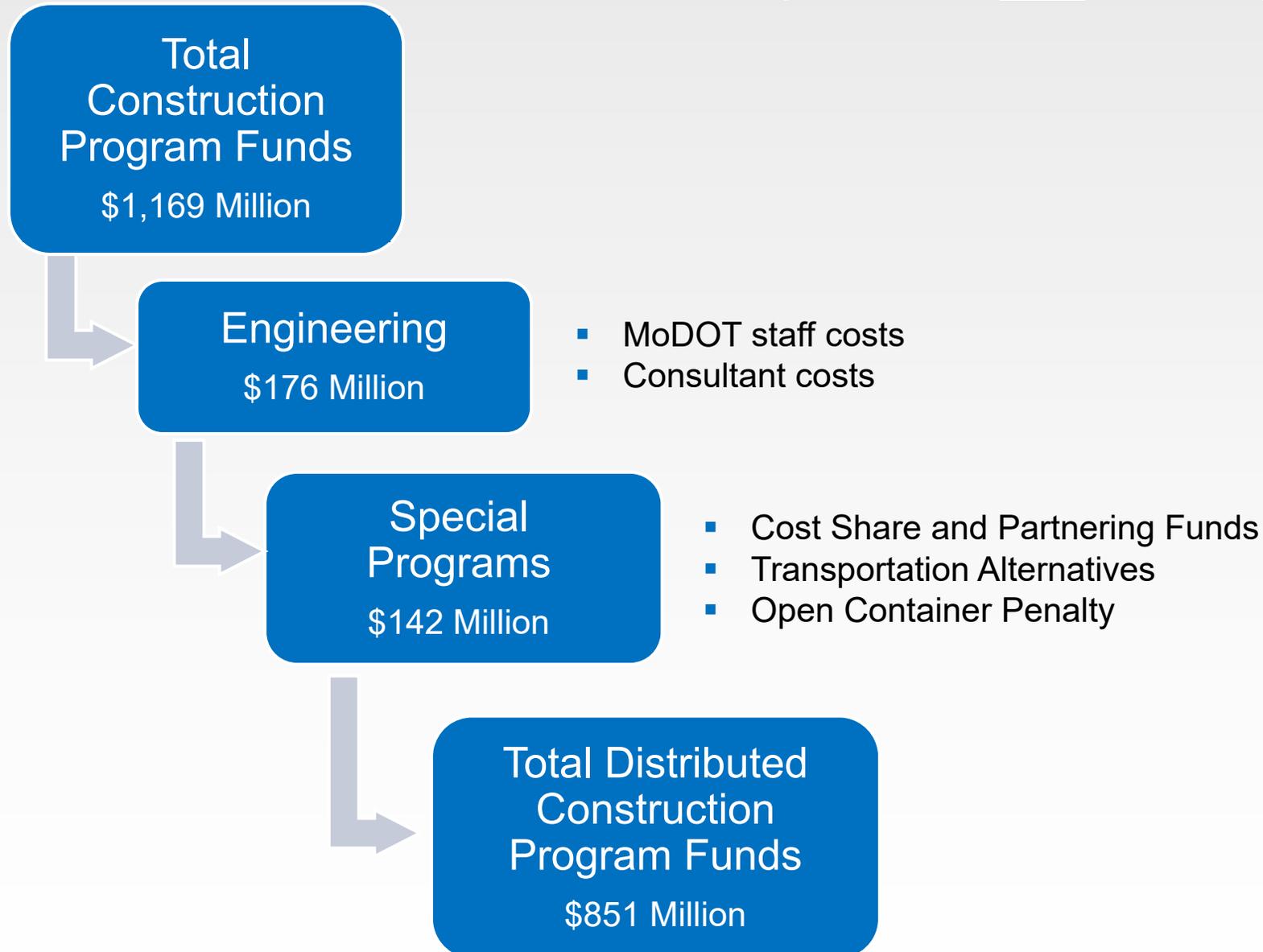
Funding Distribution History



- Established current categories in 2003
- Last updated Taking Care of the System amount in 2006 – increased from \$400 million to \$435 million
- Increased Safety from \$25 million to \$35 million in 2016
- \$10 million Asset Management Deficit Program added in 2017

Revised Construction Program Funds Distribution

(Fiscal Year 2022 Amounts)



Revised Construction Program Funds Distribution

(Fiscal Year 2022 Amounts)

Construction
Program
Funds
\$851 Million

Safety
\$29 Million

- \$2 million distributed for statewide program
- \$27 million distributed based on fatalities and serious injuries on state highways

Asset
Management
\$677 Million

- \$94 million major bridge funding distributed directly to districts
- Remaining \$583 million based on asset management plan. Distributed based on highway travel, bridge size and highway miles.

System
Improvements
\$145 Million

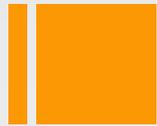
- Distributed based on population, employment and highway travel.

Note:

Amounts do not include engineering costs and district share of debt service for GARVEE debt payments.

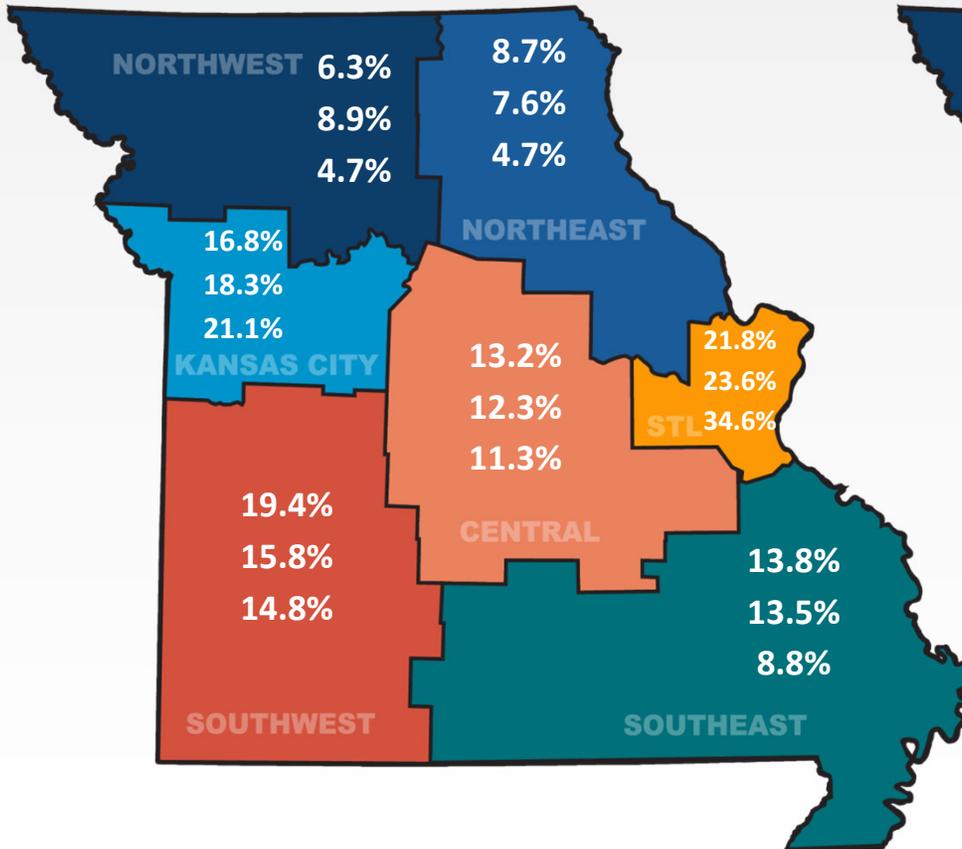
Funding Distribution Factors

Fiscal Year 2022



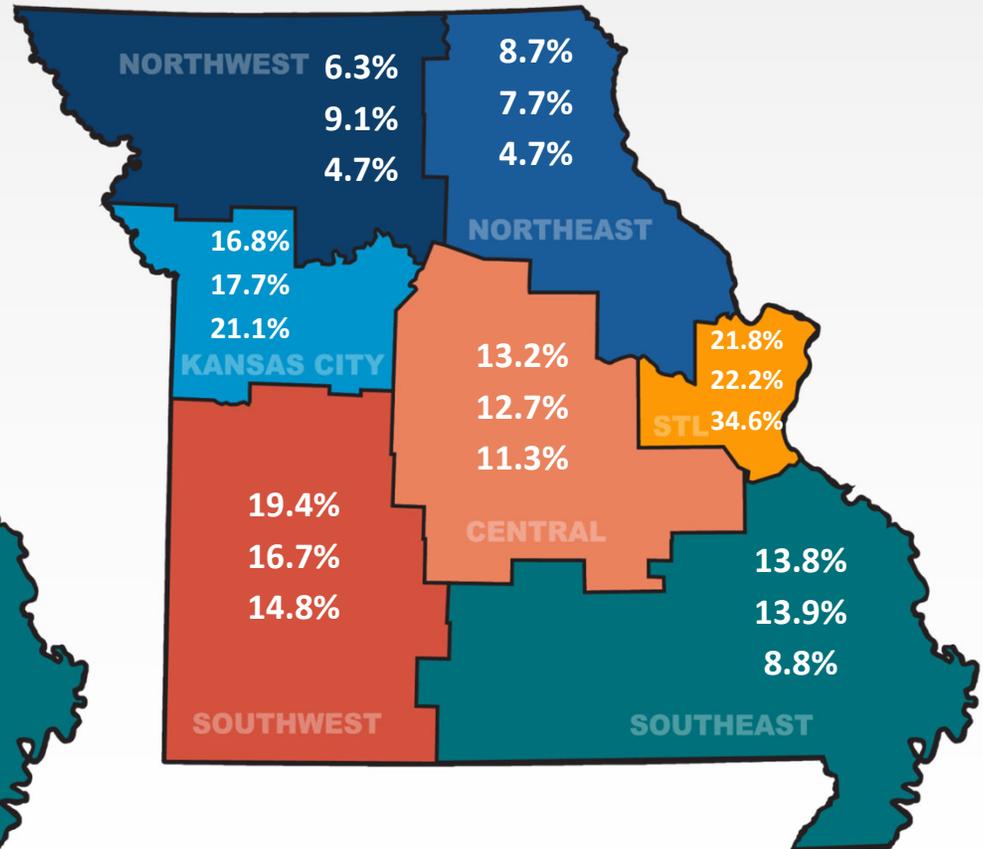
Current Factors:

- Safety %
- Taking Care of the System %
- Flexible %



New Factors:

- Safety %
- Asset Management %
- System Improvements %

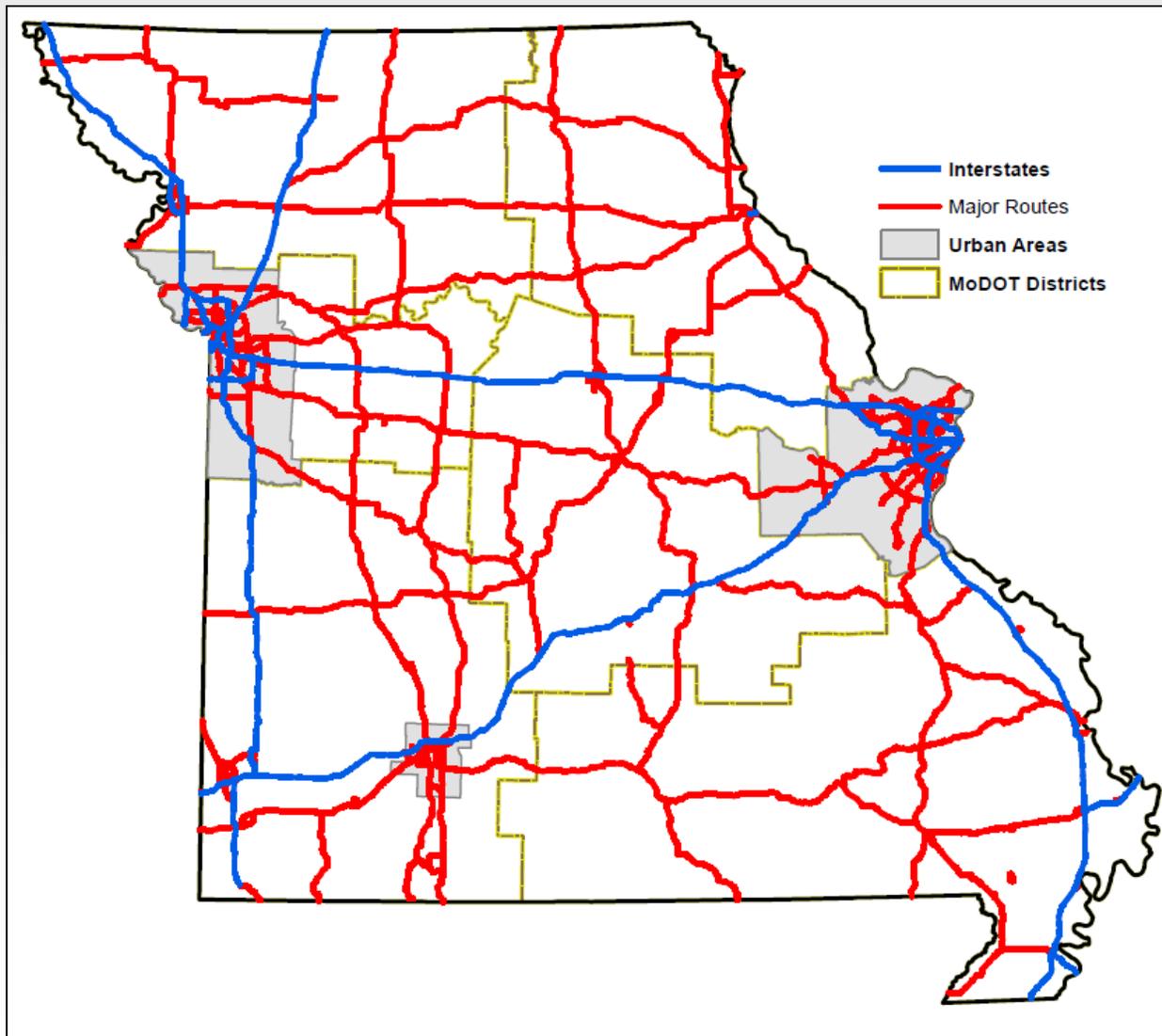


Asset Management



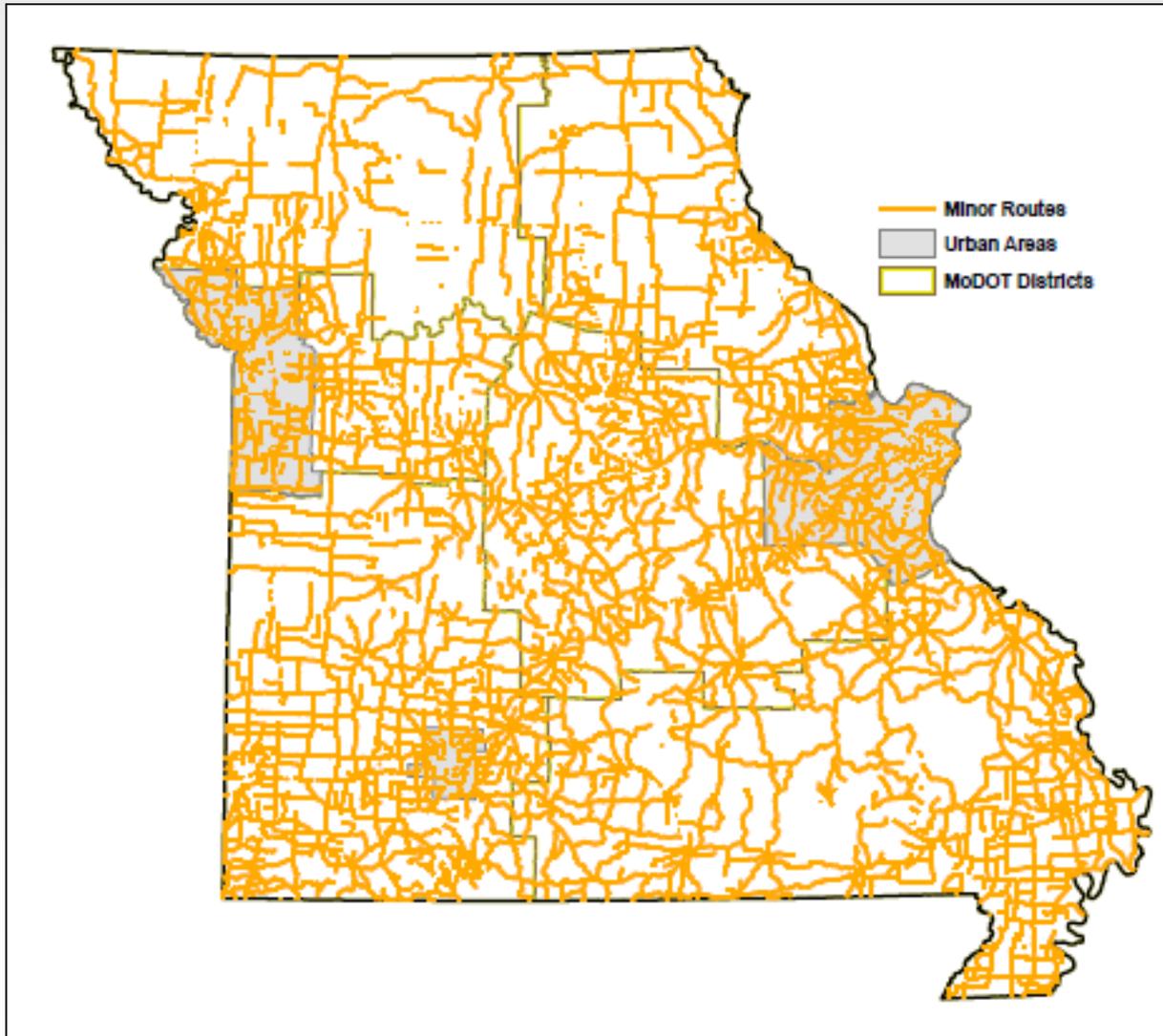
- Rolling 10-year plan
- District Specific Plans
- Clearly indicates the funding needs to maintain system goals

Major Roads



- 5,546 Miles = 16% of System
- Travel Total = 76%
- Pavement Goal = 90%
 - *Currently = 92%*
- Cost \$120,500/lane mile
- Treatment Type = 85-95% Preventive MT

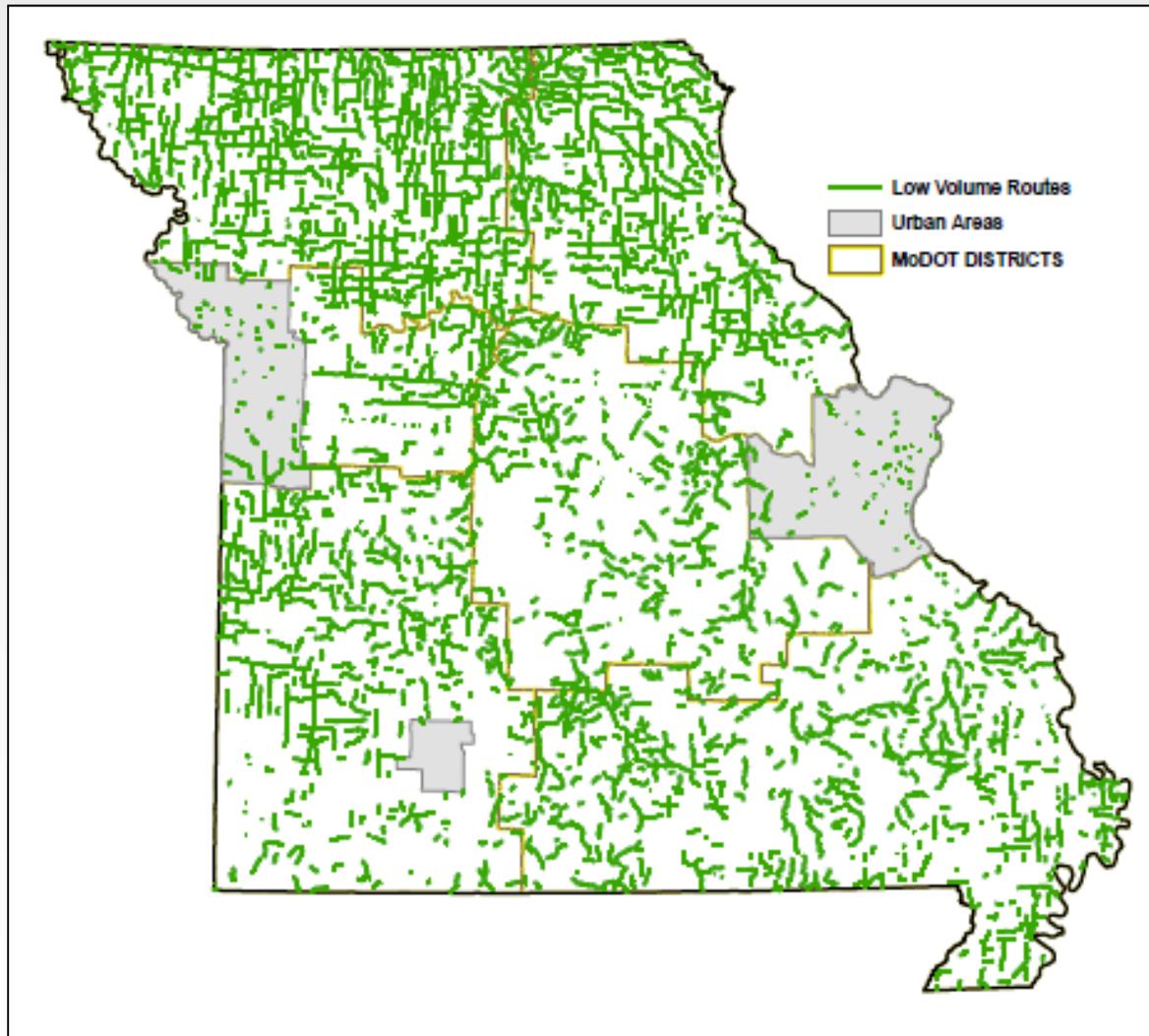
Minor Roads



- 17,166 Miles = 51% of System
- Travel Total = 22%
- Pavement Goal = 80%*
 - *Currently = 81%*
- Cost = \$37,700/lane mile
- Treatment Type = 100% Preventive MT

* Based on current funding level

Low Volume Roads



- 11,147 Miles = 33% of System
- Travel Total = 2%
- Pavement Goal = 70%*
 - *Currently = 73%*
- Maintained by MoDOT Maintenance

* Based on current funding level

Bridges – 10,385 total



Major Bridges = 208



Typical Bridges = 10,177



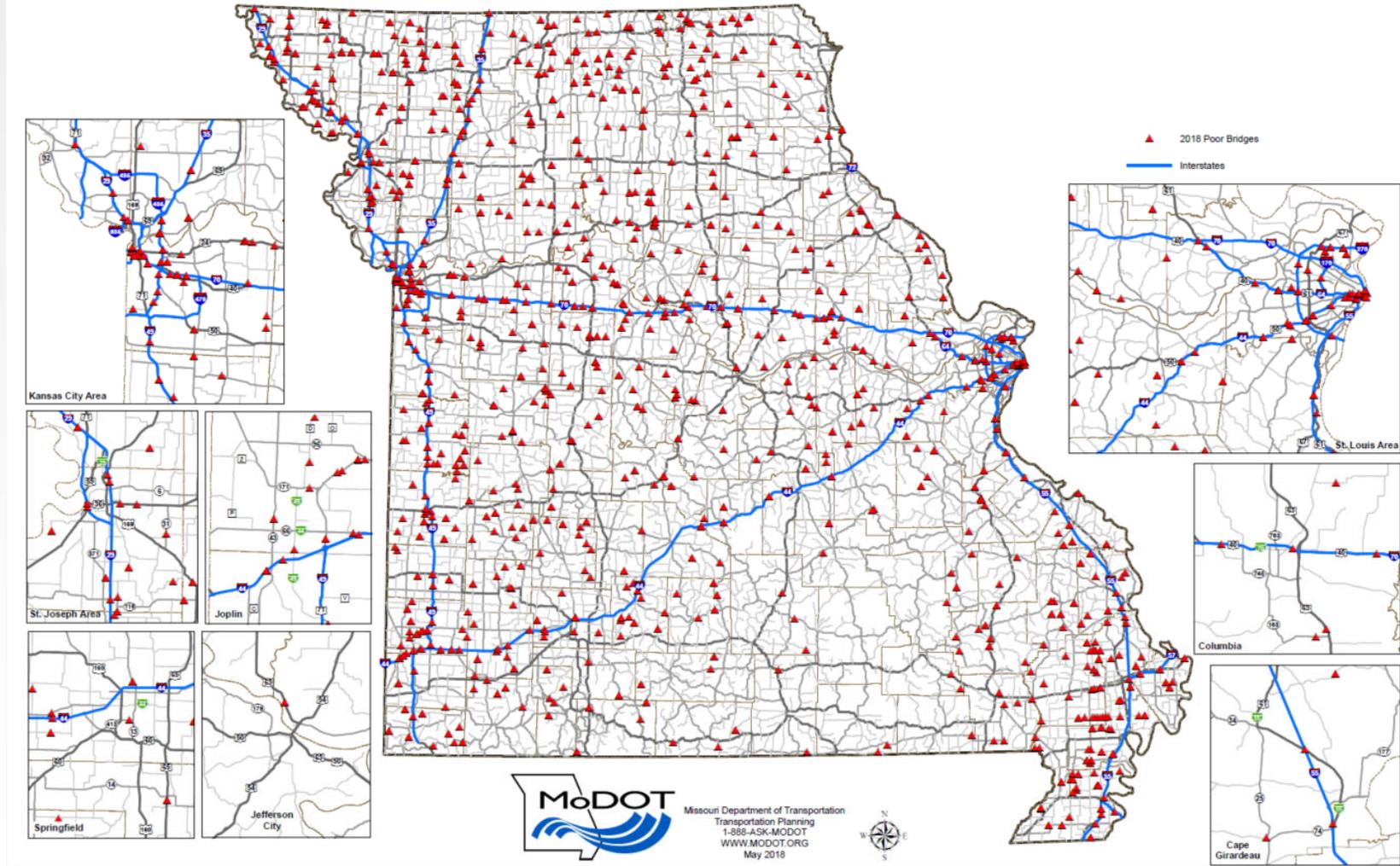
| Typical Bridges | Avg Cost/sq ft | % of Work |
|-----------------|----------------|-----------|
| Replacements | \$279 | 16% |
| Redeck | \$89 | 11% |
| Other(PM/Rehab) | \$35 | 73% |

Bridge Goal: 900 Poor Condition Bridges (at current funding level)
Currently: 922 Poor Condition Bridges

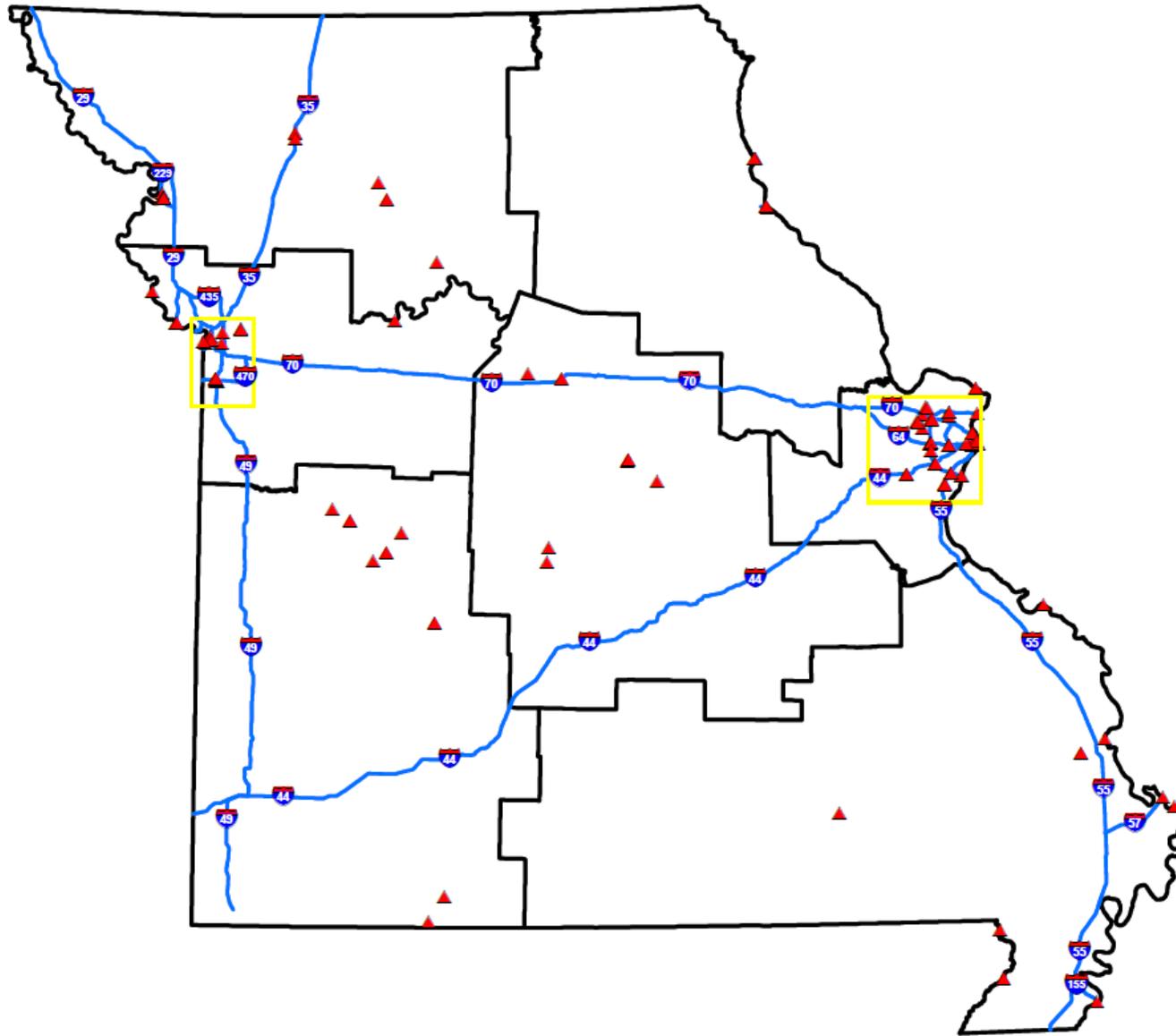
922 Poor Bridges



Poor Bridges



10-Year Major Bridge Needs



Asset Management Needs

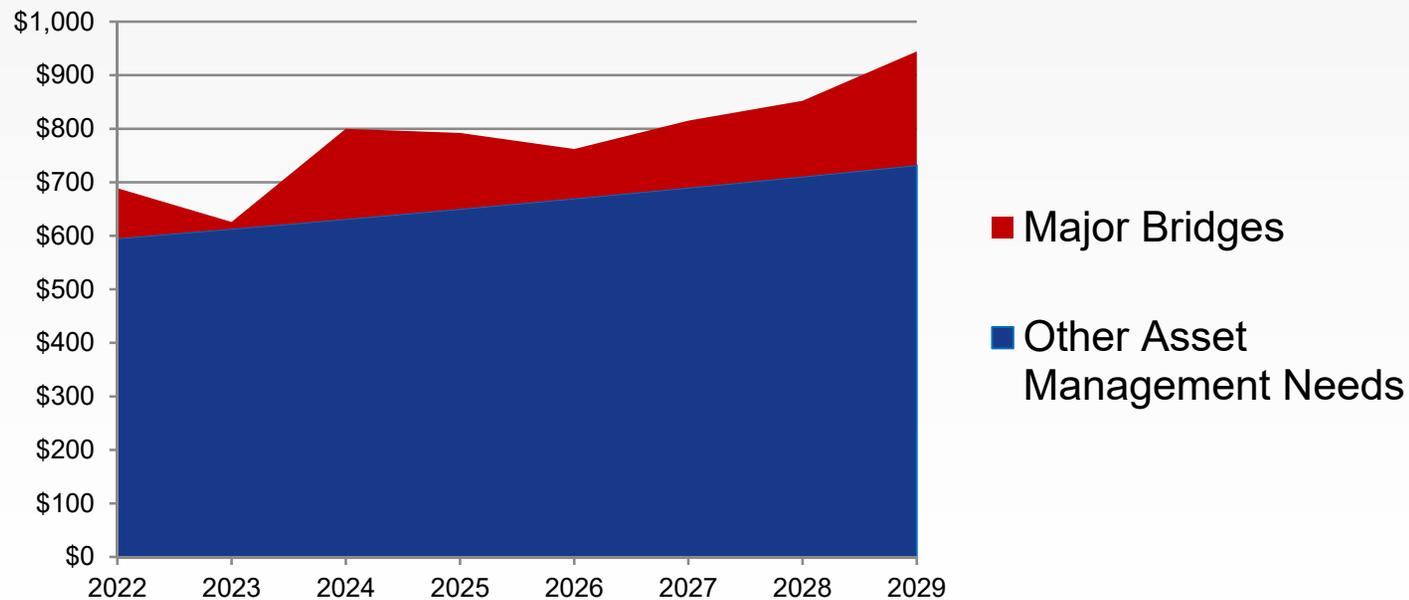
Fiscal Year 2022

(Dollars in Millions)



- Maintain System Conditions = \$583
- Major Bridges = \$94
- **Total = \$677**

Asset Management Needs
(Does Not Include Engineering)



Summary of Changes

- Beginning in fiscal year 2022, revise Taking Care of System (TCOS) amount to match asset management plan needs.
- The new Asset Management category will include:
 - Statewide funding for all major bridges
 - Distributed funding for other asset management needs.
- Asset Management needs for 2022 is \$583 million, which will increase 3% annually for inflation. This amount will be distributed using current TCOS factors, except major bridges will be removed from bridge square footage.
- The Asset Management amount will be reviewed and updated, if necessary, annually.
- Rename Flexible Funds category to System Improvements.
- Discontinue Asset Management Deficit Program.