A Citizen’s Guide to Transportation in Missouri

Patrick K. McKenna, Director
Missouri Department of Transportation
January 2017
Cell phones contributed to 2,237 crashes in Missouri in 2015. (MSHP)
Texting increases the risk of a car crash by 50%.

(AAA)
You are **23x MORE LIKELY** to be in a **critical incident** when a driver texts and drives.

(VA Tech)
Citizens and policy makers need answers to several questions:

- What is the current funding for Transportation and how is it invested?
- Where does Missouri rank in transportation investment?
- What do I pay for access to the Transportation Network?
- What do current deficient conditions cost me today?
- What would fixing the transportation system cost?
Missouri Transportation Funding
FISCAL YEAR 2016 (Dollars in Millions)

Total Revenue $2,468

- Missouri User Fees and Other Revenue (Gas Tax) $1,539
- Federal Revenue (Gas Tax) $911
- Missouri General Revenue (Income Tax) $18

- Cities and Counties $408
  - State = $270
  - Federal = $138

- Other State Agencies $250
  - Revenue & HWY Patrol

- State Roads and Bridges $1,434
  - Federal = $709
  - State = $725

- Multimodal $96
  - Federal = $64
  - State = $14
  - Gen. rev. = $18

- Debt Payment $280
  - State = $270
  - Federal = $138

2/7/17
Missouri continues to have a long-term insufficient transportation funding challenge.

- **7th**: Largest system in the U.S.
- **47th**: Nationally in revenue spent per mile.
Transportation Dollar$ calculates annual contributions in taxes and fees to support the transportation system in Missouri.

Drive 10,000 miles

20 mpg $18.38 per month
40 mpg $11.02 per month

Versus monthly costs for cellular, cable TV, electricity, etc.

That’s a great value!

www.modot.org/transportationdollar$
State Road and Bridge Investments
($ Millions)

MoDOT maintenance services - snow removal, mowing, pothole repairs, pavement stripes, traffic signals, signs, etc.

* Estimates

2/7/17
State Road and Bridge Investments
($ Millions)

Contractor payments (06-15) and awards (16-21) for road, bridge and safety improvements

MoDOT maintenance services - snow removal, mowing, pothole repairs, pavement stripes, traffic signals, signs, etc.

* Estimates

2/7/17
State Road and Bridge Investments
($ Millions)


- Engineering services and land purchases for contract awards
- Contractor payments (06-15) and awards (16-21) for road, bridge and safety improvements
- MoDOT maintenance services - snow removal, mowing, pothole repairs, pavement stripes, traffic signals, signs, etc.

* Estimates
State Road and Bridge Investments
($ Millions)

-- 325 Plan

Engineering services and land purchases for contract awards

Contractor payments (06-15) and awards (16-21) for road, bridge and safety improvements

MoDOT maintenance services - snow removal, mowing, pothole repairs, pavement stripes, traffic signals, signs, etc.

* Estimates

2/7/17
High-Priority Unfunded Transportation Needs

Improve road and bridge conditions
$170 million

- $50 million
  Maintain Current Road and Bridge Conditions

- $50 million
  Improve Bridge Conditions

- $50 million
  Improve Minor Road Conditions

- $20 million
  MoDOT Maint. & Operations

$300 million
Major Interstate Reconstruction

$275 million
Invest in projects that increase economic growth and improve safety

$80 million
Improve Multimodal Transportation Options

2/7/17
State Road and Bridge Investments
($ Millions)

- Improve road and bridge conditions
- Engineering services and land purchases for contract awards
- Contractor payments (06-15) and awards (16-21) for road, bridge and safety improvements
- Stabilize maintenance and operations funding

MoDOT maintenance services - snow removal, mowing, pothole repairs, pavement stripes, traffic signals, signs, etc.

* Estimates

2/7/17
State Road and Bridge Investments
($ Millions)

- Invest in projects that increase economic growth and improve safety
- Improve road and bridge conditions
- Engineering services and land purchases for contract awards
- Contractor payments (06-15) and awards (16-21) for road, bridge and safety improvements
- Stabilize maintenance and operations funding

MoDOT maintenance services - snow removal, mowing, pothole repairs, pavement stripes, traffic signals, signs, etc.

2/7/17

* Estimates
State Road and Bridge Investments
($ Millions)

High-Priority Unfunded Needs

Major interstate reconstruction
Invest in projects that increase economic growth and improve safety
Improve road and bridge conditions
Engineering services and land purchases for contract awards
Contractor payments (06-15) and awards (16-21) for road, bridge and safety improvements
Stabilize maintenance and operations funding
MoDOT maintenance services - snow removal, mowing, pothole repairs, pavement stripes, traffic signals, signs, etc.

* Estimates

2/7/17
DEFICIENT ROADS COST MISSOURI DRIVERS

$169/month per licensed driver
MONTHLY COSTS OF ADDITIONAL BENEFITS

A motorist who drives 10,000 miles per year in a car that gets 20 miles-per-gallon currently contributes $18.38 per month in federal and state taxes/fees to support Missouri’s system of roads and bridges.

Additional Investments Needed to Improve Missouri’s Transportation System

- $3.31/month per licensed driver
  - Improve Road & Bridge Conditions
- $5.35/month per licensed driver
  - Invest in Projects that Increase Economic Growth & Improve Safety
- $5.84/month per licensed driver
  - Major Interstate Reconstruction
- $1.11/month per Missourian
  - Improve Multimodal Transportation Options
Poor and Weight-Restricted Bridges

- 866 Poor Bridges
- 1,303 Weight-Restricted Bridges
- 477 Both
Low Volume Routes

- 11,081 Miles = 33% of System
- Travel on these routes = 2%
- Good Pavement = 73%
Time is Money!
Annual Hours of Delay Per Auto Commuter

Congestion costs the average Missouri commuter $43 per month or $516 per year.

Source: 2015 Urban Mobility Scorecard, Texas A&M Transportation Institute
The Value of MoDOT’s OPERATING BUDGET

$435 Million Annually

ROADWAY MAINTENANCE

Crews place enough asphalt to do a 1” overlay from LA to DC, or 2,300 miles.

ROADSIDE MAINTENANCE

Crews mow enough to cover 300,000 football fields.

WINTER OPERATIONS

In an average winter, MoDOT crews plow from the earth to the moon and back 13 times, or 6 million miles.

2/7/17
Statewide Asset Management Funding
10-Year Average Annual Contractor Award Amounts

- Taking Care of the System (TCOS)
- Flexible Funds Needed for TCOS Projects
- Remaining Flexible Funds
- Safety

Total Funding Needed for Asset Management

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