

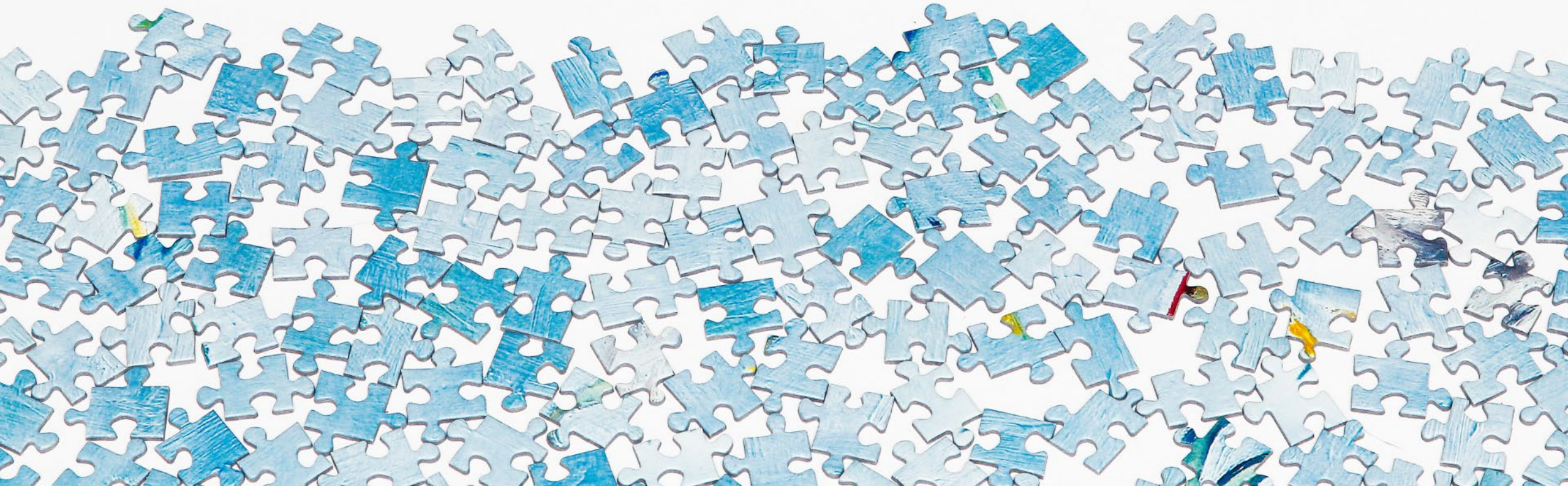
**PUTTING**

**THE PUZZLE**

**TOGETHER**

# Delivering LPA Projects

The Missouri Department of Transportation



# Ask Me Anything:

mentimeter.com | code: 4557 0225





# FEDERAL AID OVERVIEW

**Doug Hood** | Assistant Financial Services Director, MoDOT





## FEDERAL AID OVERVIEW

Authorization (Highway) Act

Appropriations  
Act

OR

Continuing  
Resolution



# FEDERAL AID OVERVIEW



Authorization  
(Highway) Act

Apportionment



## FEDERAL AID OVERVIEW

Authorization  
(Highway) Act

Apportionment

Appropriations  
Act/Continuing  
Resolution

Obligation  
Limitation



## FEDERAL AID OVERVIEW



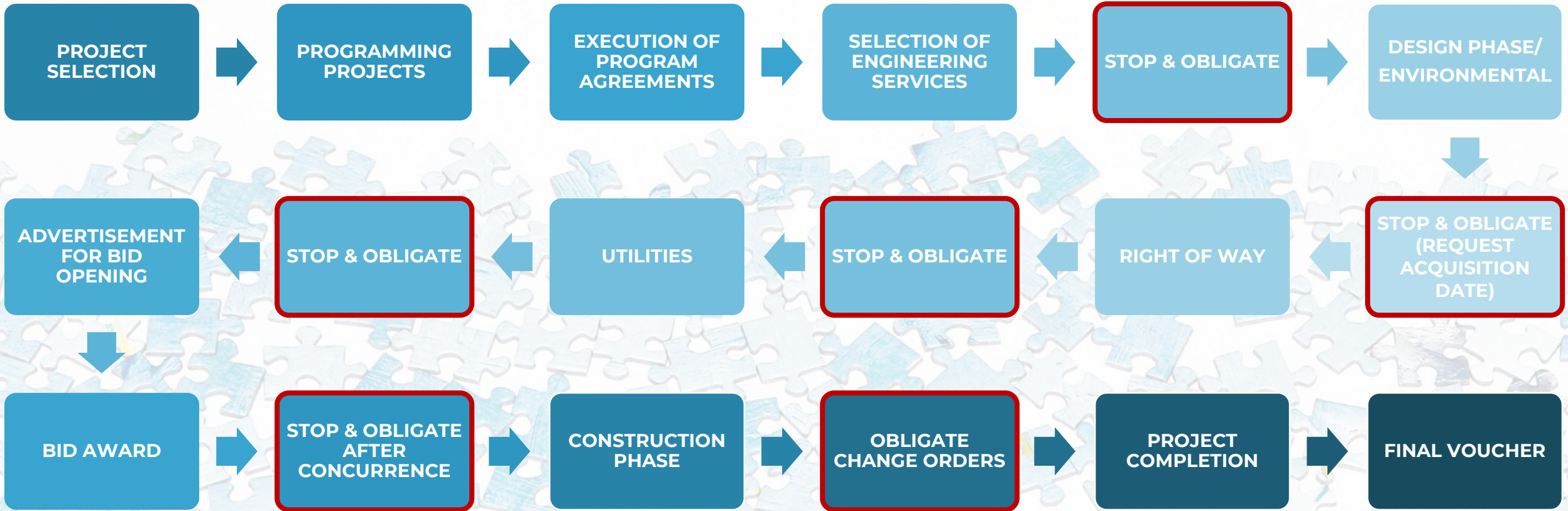
Obligation  
Limitation

August  
Redistribution





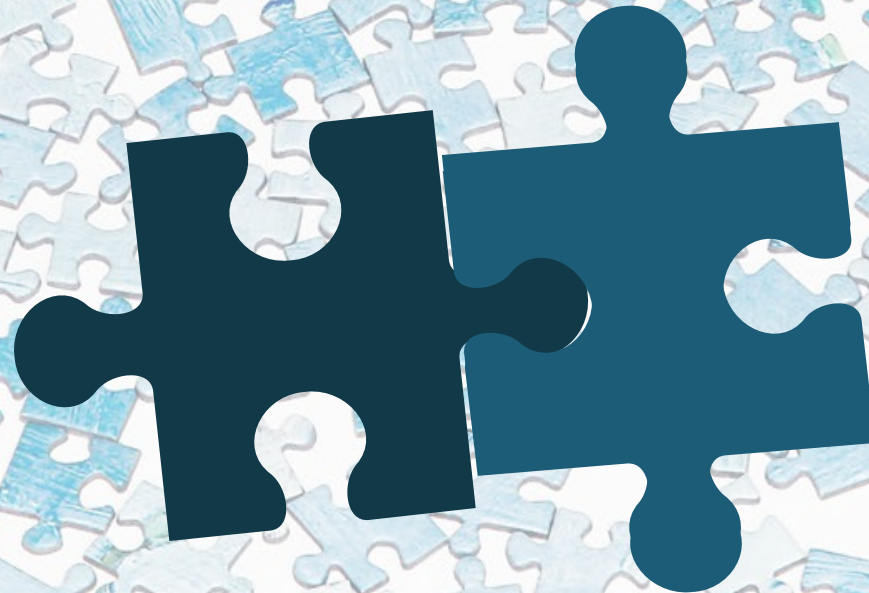
# FEDERAL AID OVERVIEW





# PROGRAM FUNDS

**Ashley Buechter** | Assistant State Design Engineer - Local Programs Administrator, MoDOT





## PROGRAM FUNDS

# NEW OPPORTUNITIES & INCREASED FUNDING *FOR LOCAL AGENCIES*

- **Bipartisan Infrastructure Law examples:**
  - Increased Off-System Bridge Program (BRO) funding
  - Created Bridge Formula Program (BFP) to add more funds to off-system bridges
  - Increased Transportation Alternatives Program (TAP) funding
- **Motor fuel tax increase, estimated annual yield:**
  - City distribution: \$77,064,843
  - County distribution: \$77,064,843



## PROGRAM FUNDS

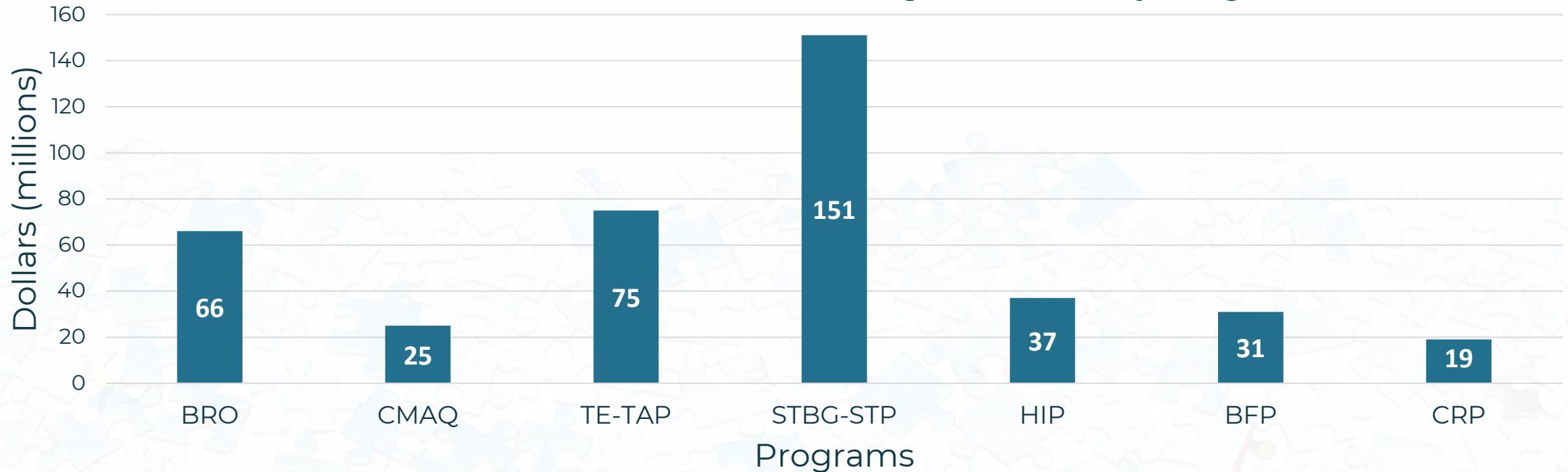
# AVAILABLE FUNDS

- \$405 million available for local agencies to invest in local transportation projects for FFY 2023
  - An increase of \$96 million over FFY 2022



# PROGRAM FUNDS

Federal Fiscal Year 2023 Local Program Funds by Program



**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

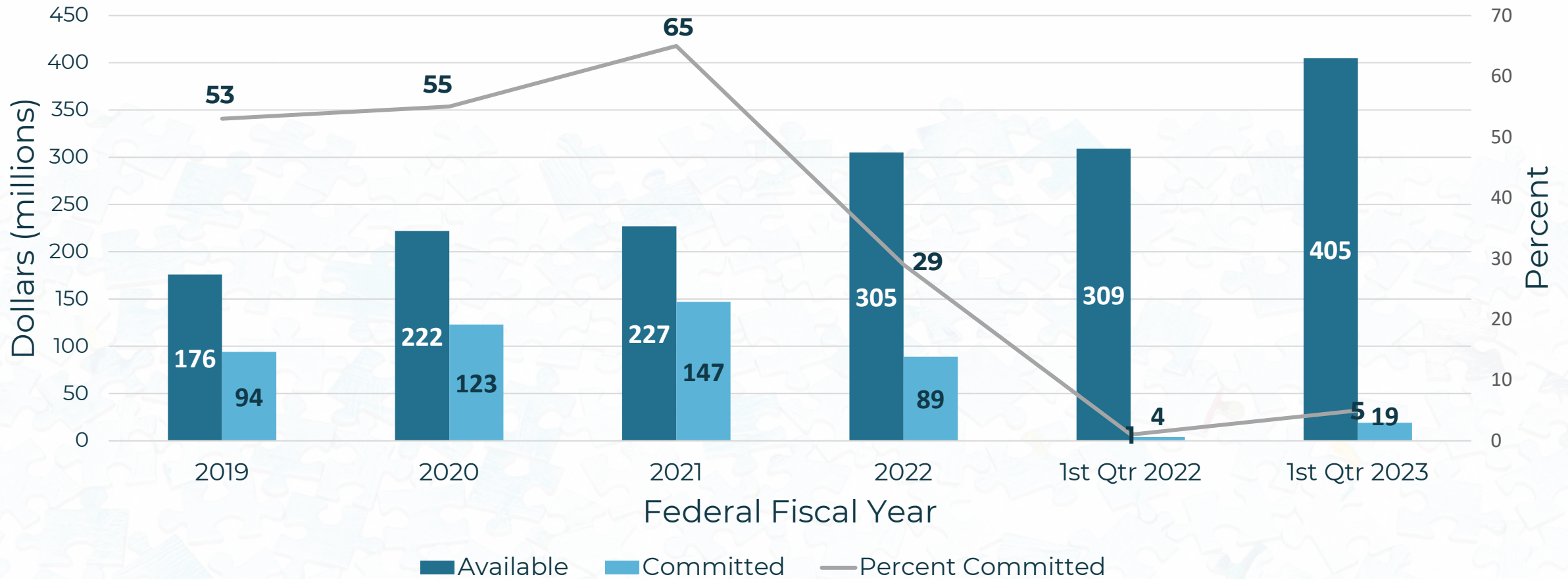
**HIP:** Highway Infrastructure Program

**BFP:** Bridge Formula Program

**CRP:** Carbon Reduction Program

# PROGRAM FUNDS

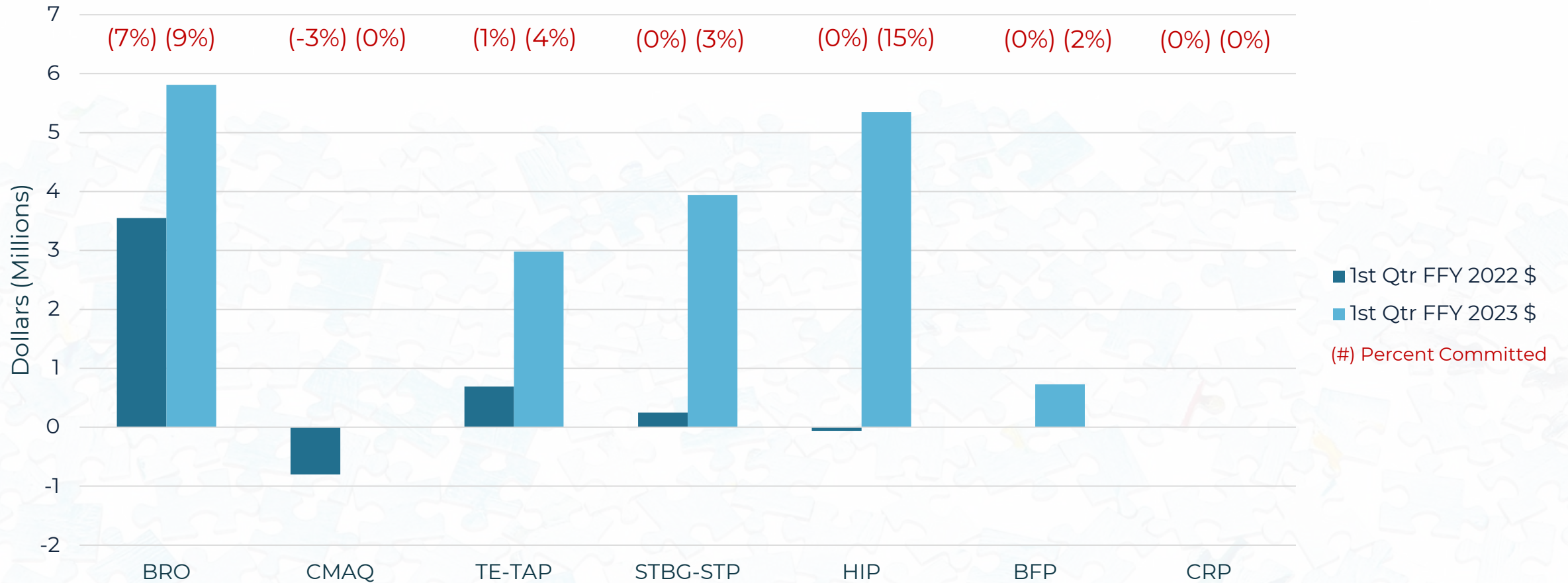
## Local Program Funds Committed to Projects





# PROGRAM FUNDS

## Local Program Funds Committed to Projects





## PROGRAM FUNDS

### Obligation Limitation for Fiscal Year 2022

Since the LPAs only obligated 29% of available funds in fiscal year 2022, the state of Missouri was not able to receive its relative share of the additional obligation limitation from August Redistribution.

Fiscal Year	Amount (millions)	Missouri's Share of Nationwide OL Allocation	Missouri's Share of Nationwide Apportionments
2019	\$116.2	2.90%	2.41%
2020	\$152.3	3.20%	2.40%
2021	\$121.1	2.92%	2.39%
2022	\$64.6	<b>1.05%</b>	2.39%

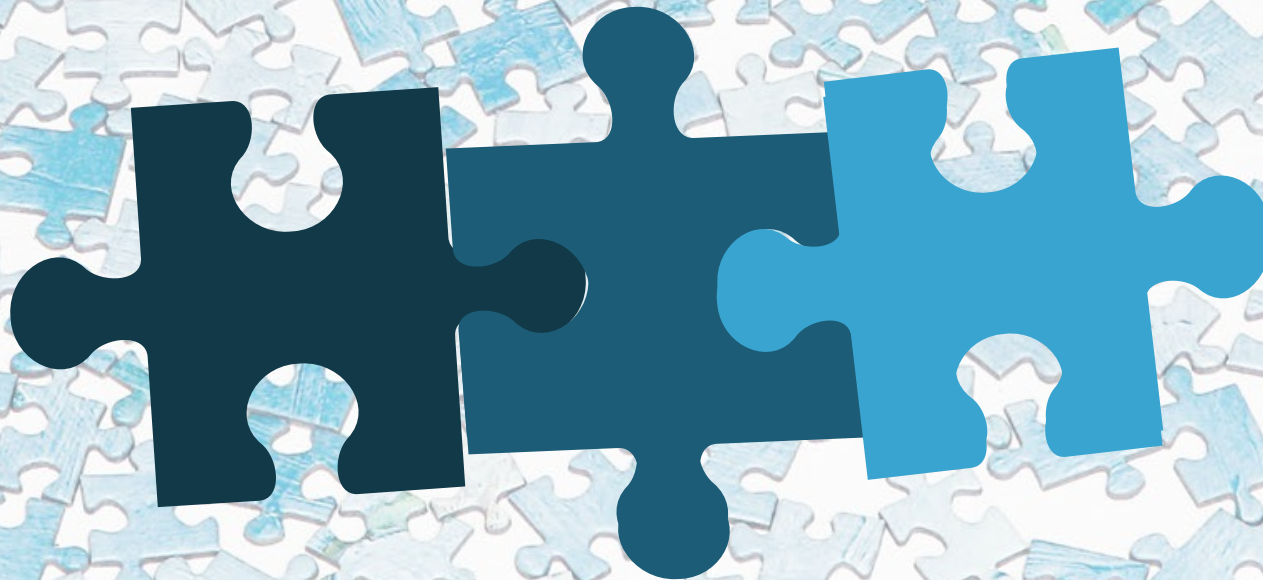




# DELIVERING A SUCCESSFUL LPA PROJECT

**Joanie Prenger** | Sr. Transportation Planner, MoDOT

**Aaron McVicker** | Project Manager, McClure Engineering





**DELIVERING A SUCCESSFUL LPA PROJECT**

# **CONSIDERATIONS FOR PROJECT SPONSORS**

- Spending federal funds isn't easy
  - Wait for Authorization PE, RW, Utilities, Bid Advertising, Construction Award



DELIVERING A SUCCESSFUL LPA PROJECT

## PERSON IN RESPONSIBLE CHARGE

- Accountable for the project
- Must be a full-time employee of the LPA or elected official
- **Must be currently certified for LPA Basic Training**





**DELIVERING A SUCCESSFUL LPA PROJECT**

# **FEDERAL AID PROGRAM AGREEMENTS**





**DELIVERING A SUCCESSFUL LPA PROJECT**

# **ENGINEERING SELECTION PROCESS**

- On-Call
  - Can use if consultant work is less than \$100,000
- RFQ
  - Must be posted for 14 days on MoDOT website



## DELIVERING A SUCCESSFUL LPA PROJECT

# REIMBURSEMENT REQUESTS FOR CONSULTANT WORK

- LPA must submit for reimbursable work
- Submit regularly as work progresses
- Reimbursement for actual costs incurred
- Must include supporting documentation

CONSULTANT SERVICES INVOICE DOCUMENTATION CHECKLIST	
<b>LPA must submit reimbursement invoices every month, or when expenditures equal \$10,000. This checklist and invoice template are effective April 1, 2012.</b>	
<b>Section 1- Project Information</b>	Did the LPA use the required Consultant Payment Invoice Template (see Fig. 136.4.10 to be used for all consultant services reimbursement requests)? <input type="checkbox"/>
	Is the invoice date current? (Note: If an invoice is returned to the LPA for any reason, it must be re-dated when resubmitted to MoDOT.) <input type="checkbox"/>
	Is the invoice consecutively numbered? Final invoice must be marked "Final Invoice" and accompanied by a detailed itemization of total costs by task and task budget. Final invoices must be submitted within 60 days of the contract product delivery date. The final invoice should not be paid if all contract products have not been delivered. <input type="checkbox"/>
	Does the invoice have a defined billing period (i.e., March 1, 2012 to March 30, 2012) and costs include only work done within stated period? Is the billing period after the PE federal obligation date? <input type="checkbox"/>
	Is the LPA contact name and phone number provided? <input type="checkbox"/>
	Does the project description sufficiently describe the project? <input type="checkbox"/>
	Is the Federal-aid Project Number from the program funding agreement shown? <input type="checkbox"/>



DELIVERING A SUCCESSFUL LPA PROJECT

# STANDARD SPECS & STANDARD PLANS

## 2022 Missouri Standard Plans for Highway Construction

Missouri Department of Transportation



This set of standard plans has been approved by the Missouri Highways and Transportation Commission for highway construction projects and constitutes a contract document in accordance with Section 101.2 of the Standard Specifications for Highway Construction.

This set of Standard Plans is effective beginning with the April 2023 bid opening.

[www.modot.org/business/standards\\_and\\_specs/standardplans.htm](http://www.modot.org/business/standards_and_specs/standardplans.htm)

MISSOURI  
STANDARD  
SPECIFICATIONS  
FOR  
HIGHWAY  
CONSTRUCTION



2022  
Fourth Edition  
April 2023

Missouri Highways and Transportation Commission



**DELIVERING A SUCCESSFUL LPA PROJECT**

# **ENVIRONMENTAL AND CULTURAL REVIEW**



Start RER  
within 60  
days of  
executing  
ESC





# DELIVERING A SUCCESSFUL LPA PROJECT

# PRELIMINARY DESIGN

**OFF-SYSTEM BRIDGE REPLACEMENT  
MILLER COUNTY, MISSOURI  
PROJECT NO. BRO-B066 (21)**

BOOK OF SHEETS	
1	GENERAL NOTES
2	GENERAL NOTES
3	GENERAL NOTES
4	GENERAL NOTES
5	GENERAL NOTES
6	GENERAL NOTES
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100	GENERAL NOTES

**BRIDGE NO. D840001**

BITUMINOUS GRAVEL ROAD OVER SILVER CREEK

24' TO 26' PATH OF TRAVEL (SEE PLAN SHEET 100-100)

ROADWAY WIDTH 24' TO 26' (SEE PLAN SHEET 100-100)

**WITEAU COUNTY**

**ELDON**

**OLIAN**

**PLUMMER MOUNTAIN**

**MOUNT PLEASANT**

**DESIGN DESIGNATION**

440T-201403 201403 III

D = 50' T = 10'

V = 30 mph

PRACTICAL CLASS = RURAL LOCAL ROAD

**MILLER COUNTY COMMISSION**

PROJECT COMMISSIONER: **TIM HIGHT**

ASSOCIATE COMMISSIONER: **DANIEL BARNHART**

ASSOCIATE COMMISSIONER: **TRAVIS LARSON**

COUNTY CLERK: **CHRISTINA JENNIS**

SUBMITTED & RECOMMENDED FOR APPROVAL BY:

*[Signature]* 10-28-2020 DATE

*[Signature]* 11-29-2020 DATE

ISSUED BY: **BRADY DEER**

**LOCATION MAP**

NOT TO SCALE

**MILLER COUNTY**

MISSOURI DEPARTMENT OF TRANSPORTATION

STATE OF MISSOURI

ARLON DANIEL BRIDGEMASTER

PROFESSIONAL SEAL

MILLER COUNTY COMMISSION

MILLER COUNTY, MISSOURI

BITUMINOUS GRAVEL ROAD

TITLE SHEET

1 OF 38



## DELIVERING A SUCCESSFUL LPA PROJECT

# RIGHT OF WAY

### The Right of Way process includes:

- New Permanent Right of Way
- Easements – Permanent or Temporary
- Change in Property Access – Change in driveway location, number of driveways, driveway width, access restrictions
- Donation of property or easement for project

**Submit RW plans after Preliminary Plans are approved even if not using Fed-funds for RW**



**DELIVERING A SUCCESSFUL LPA PROJECT**

## **UTILITIES**

**Poor Utility Coordination is  
#1 Cause of Project Delays**





# DELIVERING A SUCCESSFUL LPA PROJECT

# FINAL PLANS, SPECS & ESTIMATES (PSE)

MISSOURI DEPARTMENT OF TRANSPORTATION										
Local Public Agency (LPA) Final PS&E Submittal Checklist (revised 1/24/23)										
Project Name:								Date Received:		
Project Sponsor:										
Federal Project #:										
Line No.	Item	Topic	Reference	LPA Responsibility	LPA Initial	Location within submittal (i.e. page number) <i>to be filled out by LPA or Consultant</i>	MoDOT District Staff Responsibility	MoDOT District Initial	In Fig. 136.9.3 Bid Proposal Boilerplate?	
<b>Certification</b>										
1	Certification	Certification	EPG 136.9.2.11 EPG 136.7.3	LPA to fill out and submit the LPA certification of PS&E Form (Fig 136.9.5) to certify that the PS&E meets all federal and state laws.			MoDOT - District - review for required items.		NO	
<b>Required Submittals (if applicable for the project)</b>										
2	Supporting documentation to proposal	Section 106 Clearance	EPG 136.9.2.1 EPG 136.6	Section 106 - SHPO Clearance, if applicable.			MoDOT - District - review for required items.		NO	
3	Proposal/Supporting Documentation	Section 404 Permits	EPG 136.9.2.1 EPG 136.6	404 COE Permit/401 Water Quality (if applicable)** <i>This should be included in the proposal.</i>			MoDOT - District - review for required items.		NO	
4	Supporting documentation to proposal	USF&W/T&E	EPG 136.9.2.1 EPG 136.6	United States Fish & Wildlife (USF&W) Threatened & Endangered Species (T&E) Clearance, if applicable.			MoDOT - District - review for required items.		NO	
5	Supporting documentation to proposal	MDC Heritage Review	EPG 136.9.2.1 EPG 136.6	Missouri Department of Conservation (MDC) Heritage Review, if applicable.			MoDOT - District - review for required items.		NO	
6	Supporting documentation to proposal	100-year floodplain and regulatory floodway	EPG 136.9.2.1 CFR Parts 59-78 EPG 136.6	44 Flood Plain Development Permit, if applicable.			MoDOT - District - review for required items.		NO	



## DELIVERING A SUCCESSFUL LPA PROJECT

# ENGINEER'S ESTIMATE

- Roadway
- Bridge
- Signing/Striping/Signal
- Landscaping/Streetscaping
- Bicycle/Pedestrian Facilities
- Any Add Alternates
- Utilities (if fed participation)
- Construction Engineering (if fed participation)
- Any non-participating costs



**DELIVERING A SUCCESSFUL LPA PROJECT**

## **CONSTRUCTION ENGINEERING (CE)**

- Must request with PS&E if want federal reimbursement
- Start RFQ process early so it doesn't hold-up bidding
- Can be done by same consultant engineering firm that is doing design plans (optional)
- Can be done by Local Forces for qualified agencies

DELIVERING A SUCCESSFUL LPA PROJECT



# CONSTRUCTION AUTHORIZATION



Missouri Department of Transportation

[Local](#) [Travelers](#) [Road Work](#) [Programs](#) [Motor Carriers](#) [News](#) [About](#) [Careers](#)

[Doing Business With MoDOT](#)

## Projects to be Let by Others

ATTENTION: Most federal-aid projects require the bidder to be [Pre-qualified as a Prime Contractor with MoDOT](#).

Please read the bid advertisement to verify the pre-qualification requirements for each project.

Status	Bid Advertisement	Post Date	Revision Date	Letting Date
NEW	<a href="#">City of Perryville, The New Bourbon Regional Port Authority, Harbor Dredging and Related Site Improvements.</a>	3/7/23		3/24/23
NEW	<a href="#">City of Lee Summit, improvements on Colbern Road from Route 350 to just east of Douglas.</a>	3/7/23		3/28/23
NEW	<a href="#">KC District, Grading and Paving Project</a>	3/3/23		3/15/23
NEW	<a href="#">County of Taney, Project AIR 226-101A REILs, Windcone and Taxiway Reflectors Project at (PLK) M. Graham Clark Downtown Airport</a>	3/3/23		4/12/23
NEW	<a href="#">City of Bowling Green, Construct Two-Unit Box Hangar</a>	3/3/23		3/28/23



DELIVERING A SUCCESSFUL LPA PROJECT

# BID OPENING AND AWARD

1/29/2021

Miller County  
Tom Wright

Re: Concurrence in Award  
B066021  
Miller County Bridge

Dear Tom Wright

The Missouri Department of Transportation (MoDOT) concurs with the recommendation to award this project to Gene Haile Excavating, Inc., with a low bid of \$649,365.00. MoDOT's External Civil Rights have approved the DBE participation submitted by the awarded bidder to fulfill the DBE Goal of 5%.

After executing the contract, please submit an electronic copy of the following documents to your MoDOT district contact:

- o Final Plans Package given to Bidders (include all addenda that were issued)
- o Fully Executed Contract
- o Payment Bond, Performance Bond
- o Insurance Certificate
- o Signed Worker Eligibility Verification Affidavit
- o Signed E-Verify Memorandum of Understanding (MOU)
- o Certification Regarding Affirmative Action signed by prime contractor (only if NOT utilizing MoDOT's [Federal Project Bid Proposal Boilerplate](#))





**DELIVERING A SUCCESSFUL LPA PROJECT**

# **PRE-CONSTRUCTION MEETING**





**DELIVERING A SUCCESSFUL LPA PROJECT**

# CONSTRUCTION





## DELIVERING A SUCCESSFUL LPA PROJECT

# INSPECTION

- Communicate – Let all parties involved know when major items are happening on the project
- Document – If you can't prove it in writing, it didn't happen
- Change Orders





**DELIVERING A SUCCESSFUL LPA PROJECT**

## **FINAL ACCEPTANCE**

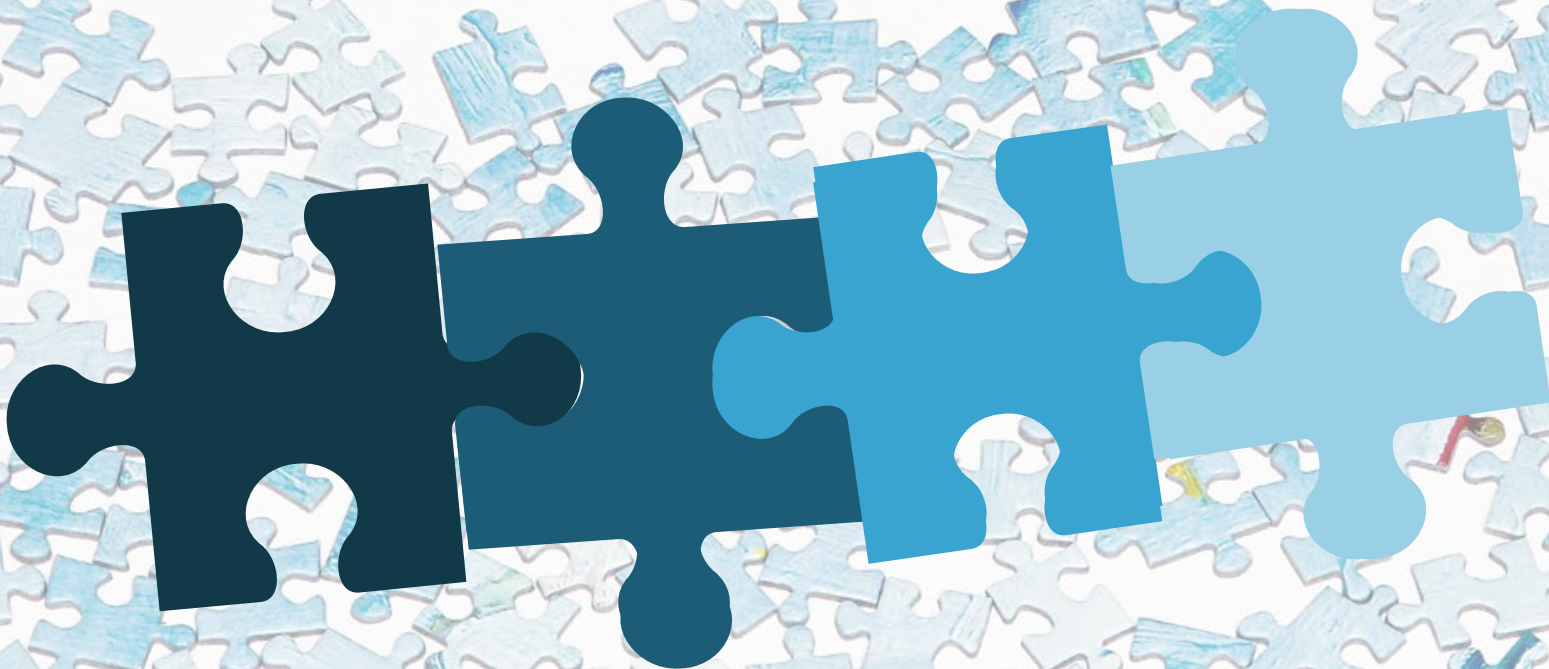
All documents are to be received within 60 days of the Final Inspection date.





# GRANT OPPORTUNITIES

**Dawn Perkins** | Federal Highway Administration



# BIPARTISAN INFRASTRUCTURE LAW (BIL)\*

## Overview of Highway Provisions

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Dawn Perkins  
FHWA MO Division  
March 15, 2023



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

\*Also known as the “Infrastructure Investment and Jobs Act”

# Introductory Notes

- This presentation:
  - focuses on highway provisions in the BIL
  - provides an overview of significant programs and provisions, but it is not all inclusive
  - does not include programs that BIL authorizes subject to future appropriation
  - includes information on several relevant programs that the Office of the Secretary will administer
- Section (§) references in the presentation refer to BIL sections
- References to “Division J” refer to the appropriations portion of BIL (Title VII relates to the U.S. Department of Transportation)

*For more information, please visit the Federal Highway Administration’s BIL website: [fhwa.dot.gov/bipartisan-infrastructure-law](https://www.fhwa.dot.gov/bipartisan-infrastructure-law)*

**Disclaimer:** Except for any statutes or regulations cited, the contents of this presentation do not have the force and effect of law and are not meant to bind the public in any way. This presentation is intended only to provide information regarding existing requirements under the law or agency policies.

# Key Terms

- **Budget Authority:** empowerment by Congress that allows Federal agencies to incur obligations that will result in the outlay of funds
- **Contract Authority (CA):** form of Budget Authority that permits obligations to be made in advance of appropriations
- **Appropriated Budget Authority (ABA):** form of Budget Authority that establishes or continues both an authorization act and an appropriation act before any funds can be obligated
- **Advance Appropriations:** appropriated funds that become available for obligation one or more fiscal years after the budget year
- **Apportionment:** the distribution of funds to States as prescribed by statutory formula
- **Allocation:** an administrative distribution of funds for programs that are not distributed to States by statutory formula
- **Obligation:** the Federal government's legal commitment to pay or reimburse entities for the Federal share of a project's eligible costs
- **Highway Trust Fund (HTF):** account established by law to hold Federal highway-user taxes that are dedicated for highway and transit related purposes



# SAFETY

---

- Safe Streets and Roads for All
- Wildlife Crossings Pilot Program

## **[NEW]** Safe Streets and Roads for All (discretionary)

Purpose	Support local initiatives to prevent transportation-related death and serious injury on roads and streets (commonly referred to as “Vision Zero” or “Toward Zero Deaths” initiatives).
Funding	\$5.0B (FY 22-26) in advance appropriations from the GF
Eligible entities	<ul style="list-style-type: none"><li>• MPO</li><li>• Political subdivision of a State (e.g., local governments)</li><li>• Tribal government</li></ul>
Eligible projects	<ul style="list-style-type: none"><li>• Comprehensive safety action plan (planning grant)</li><li>• Planning, design, and development activities for infrastructure projects and other strategies identified in a comprehensive safety action plan</li></ul>
Other key provisions	<ul style="list-style-type: none"><li>• Sets aside not less than 40% of total funding each FY for planning grants.</li><li>• Requires considering, among other factors, the likelihood of a project significantly reducing or eliminating fatalities and serious injuries involving various road users, including pedestrians, bicyclists, public transportation users, motorists, and commercial operators.</li></ul>

## [NEW] Wildlife Crossings Pilot Program (discretionary)

Purpose	Support projects that seek to reduce the number of wildlife-vehicle collisions, and in carrying out that purpose, improve habitat connectivity
Funding	<ul style="list-style-type: none"><li>• \$350 M (FY 22-26) in Contract Authority from the HTF</li></ul>
Eligible entities	<ul style="list-style-type: none"><li>• State highway agency (or equivalent)</li><li>• MPO</li><li>• Local government</li><li>• Regional transportation authority</li><li>• Special purpose district or public authority with a transportation function</li><li>• Indian Tribe</li><li>• Federal land management agency</li></ul>
Eligible projects	<ul style="list-style-type: none"><li>• Projects to reduce wildlife-vehicle collisions</li></ul>
Other key provisions	<ul style="list-style-type: none"><li>• Sets aside not less than 60% of grant funds for projects in rural areas</li><li>• Provision related to pilot program requires:<ul style="list-style-type: none"><li>○ study of methods to reduce wildlife-vehicle collisions;</li><li>○ workforce development and technical training courses;</li><li>○ standardized methodology for collecting and reporting spatially accurate wildlife collision and carcass data for the NHS; and</li><li>○ guidance on evaluating highways for potential mitigation measures to reduce wildlife-vehicle collisions and increase habitat connectivity.</li></ul></li></ul>

# CLIMATE AND RESILIENCE

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- PROTECT Grants
- Charging and Fueling Infrastructure
- National Electric Vehicle Formula Program
- Congestion Relief Program

## [NEW] PROTECT Grants (discretionary)

Purpose	Planning, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure
Funding	\$1.4 B (FY 22-26) in Contract Authority from the HTF
Eligible entities	<ul style="list-style-type: none"><li>• State (or political subdivision of a State)</li><li>• MPO</li><li>• Local government</li><li>• Special purpose district or public authority with a transportation function</li><li>• Indian Tribe</li><li>• Federal land management agency (applying jointly with State(s))</li><li>• <i>Different eligibilities apply for at-risk coastal infrastructure grants</i></li></ul>
Eligible projects	<ul style="list-style-type: none"><li>• Highway, transit, intercity passenger rail, and port facilities</li><li>• Resilience planning activities, including resilience improvement plans, evacuation planning and preparation, and capacity-building</li><li>• Construction activities (oriented toward resilience)</li><li>• Construction of (or improvement to) evacuation routes</li></ul>
Other key provisions	<ul style="list-style-type: none"><li>• Higher Federal share if the eligible entity develops a resilience improvement plan (or is in a State or area served by MPO that does) and the State or MPO incorporates it into its long-range transportation plan</li><li>• May only use up to 40% of the grant for construction of new capacity</li></ul>

## [NEW] Charging and Fueling Infrastructure (discretionary)

Purpose	Deploy electric vehicle (EV) charging and hydrogen/propane/natural gas fueling infrastructure along <b>designated alternative fuel corridors and in communities</b>
Funding	\$2.5 B (FY 22-26) in Contract Authority from the HTF
Eligible entities	<ul style="list-style-type: none"><li>• State or political subdivision of a State</li><li>• MPO</li><li>• Local government</li><li>• Special purpose district or public authority with a transportation function</li><li>• Indian Tribe</li><li>• Territory</li></ul>
Eligible projects	<ul style="list-style-type: none"><li>• Acquisition and installation of publicly accessible EV charging or alternative fueling infrastructure</li><li>• Operating assistance (for the first 5 years after installation)</li><li>• Acquisition and installation of traffic control devices</li></ul>
Other key provisions	<ul style="list-style-type: none"><li>• Requirement to redesignate alternative fuel corridors and establish a process to regularly redesignate these corridors</li><li>• <b>Set-aside (50%) to install EV charging and alternative fueling infrastructure</b> on public roads or in other publicly accessible locations, such as parking facilities at public buildings, schools, and parks</li></ul>

## [NEW] National Electric Vehicle Formula Program (formula and **discretionary\***)

Purpose	Strategically deploy electric vehicle (EV) charging infrastructure and establish an interconnected network to facilitate data collection, access, and reliability
Funding	\$5 B (FY 22-26) in advance appropriations from the GF
Recipients	<ul style="list-style-type: none"><li>• States (including DC and Puerto Rico)</li></ul>
Distribution formula	<ul style="list-style-type: none"><li>• Same shares as Federal-aid highway apportionments</li></ul>
Other key provisions	<ul style="list-style-type: none"><li>• Funded projects must be located along designated alt fuel corridors</li><li>• <b>Sets aside 10% of funding for discretionary grants to State and local governments that require additional assistance to strategically deploy EV charging infrastructure</b></li><li>• State must submit plan to DOT describing planned use of funds</li><li>• If State doesn't submit plan (or carry it out), DOT may withhold or withdraw funds and redistribute within the State, or to other States</li><li>• Establishes DOT-DOE Joint Office of Energy and Transportation</li><li>• Requires DOT to designate national EV charging corridors to support freight and goods movement</li></ul>

*\* Program sets aside funds for discretionary technical assistance grants; also if DOT withholds or withdraws funding from a State, DOT may award funds to local governments in the same State.*

## [NEW] Congestion Relief Program (discretionary)

Purpose	Advance innovative, integrated, and multimodal solutions to reduce congestion and the related economic and environmental costs in the most congested metropolitan areas with an urbanized area population of 1M+.
Funding	\$250 M (FY 22-26) in Contract Authority from the HTF
Eligible entities	<ul style="list-style-type: none"><li>• State</li><li>• MPO</li><li>• City or municipality</li></ul>
Eligible projects	<ul style="list-style-type: none"><li>• Planning, design, implementation, and construction activities to achieve the program goals, including:<ul style="list-style-type: none"><li>○ deployment and operation of integrated congestion management systems, systems that implement or enforce HOV toll lanes or pricing strategies, or mobility services; and</li><li>○ incentive programs that encourage carpooling, nonhighway travel during peak periods, or travel during nonpeak periods.</li></ul></li><li>• Subject to certain requirements and approval by the Secretary, provides for tolling on the Interstate System as part of a project carried out with a grant under the program</li></ul>



# BRIDGES

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- Bridge Investment Program
- Other Bridge-related Provisions

## [NEW] Bridge Investment Program (discretionary)

Purpose	Improve bridge (and culvert) condition, safety, efficiency, and reliability
Funding	<p>\$12.5 B (FY 22-26), including—</p> <ul style="list-style-type: none"> <li>• \$3.3 B (FY 22-26) in Contract Authority from the HTF; and</li> <li>• \$9.2 B (FY 22-26) in advance appropriations from the GF</li> </ul>
Eligible entities	<ul style="list-style-type: none"> <li>• State</li> <li>• MPO (w/ pop. &gt;200K)</li> <li>• Local government</li> <li>• Special purpose district or public authority with a transportation function</li> <li>• Federal land management agency</li> <li>• Tribal government</li> </ul>
Eligible projects	<ul style="list-style-type: none"> <li>• Project to replace, rehabilitate, preserve or protect one or more bridges on the National Bridge Inventory</li> <li>• Project to replace or rehabilitate culverts to improve flood control and improve habitat connectivity for aquatic species</li> </ul>
Other key provisions	<ul style="list-style-type: none"> <li>• At least 50% of funding reserved for certain large projects; option for multi-year funding agreements</li> <li>• Different process for funding projects ≤\$100 M cost</li> <li>• Sets aside average of \$40M per FY for Tribal transportation bridges</li> </ul>

## Other Bridge-related Provisions

Program/topic	Provisions in the new law
Accommodation of bicycles and pedestrians on bridges (§11133 )	<ul style="list-style-type: none"> <li>• Modifies an existing requirement for highway bridge deck replacement and rehabilitation to provide for safe accommodation of bicycles to also include pedestrians</li> </ul>
Bridge terminology (§11524)	<ul style="list-style-type: none"> <li>• Updates bridge terminology, replacing “structurally deficient” with “in poor condition”</li> </ul>
Wildlife habitat connectivity (§11123)	<ul style="list-style-type: none"> <li>• Requires the Secretary to determine whether bridge or tunnel replacement or rehabilitation projects should include measures to enable safe and unimpeded movement for terrestrial and aquatic species</li> <li>• Requires bridge and tunnel inspection training be updated to include techniques to assess passage of aquatic and terrestrial species and habitat restoration potential</li> </ul>
<b>National culvert removal, replacement, and restoration grants</b> (§21203)	<ul style="list-style-type: none"> <li>• <b>New discretionary grant program</b> for projects that would improve or restore passage for anadromous fish</li> <li>• \$1.0 B (FY 22-26) in advance appropriations from the GF</li> <li>• Eligible entities include States, local governments and Indian Tribes</li> </ul>

# EQUITY

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- Reconnecting Communities Pilot Program
- Rural Surface Transportation Grants

## [NEW] Reconnecting Communities Pilot Program (discretionary)

Purpose	Restore community connectivity by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development
Funding	<p>\$1 B (FY 22-26), including—</p> <ul style="list-style-type: none"> <li>• \$500 M (FY 22-26) in Contract Authority from the HTF; and</li> <li>• \$500 M (FY 22-26) in advance appropriations from the GF</li> </ul>
Eligible entities	<p><u>Planning grants:</u></p> <ul style="list-style-type: none"> <li>• State</li> <li>• MPO</li> <li>• Local government</li> <li>• Tribal government</li> <li>• Nonprofit organization</li> </ul> <p><u>Capital construction grants:</u> Owner of an eligible facility (may partner with any of the eligible entities for a planning grant)</p>
Eligible activities	<ul style="list-style-type: none"> <li>• Planning grants (<math>\leq</math>\$2M)</li> <li>• Grants (<math>\geq</math>\$5M) for capital construction projects, including the removal and replacement of eligible facilities</li> </ul>

## [NEW] Rural Surface Transportation Grants (discretionary)

Purpose	Improve and expand the surface transportation infrastructure in rural areas to increase connectivity, improve the safety and reliability of the movement of people and freight, and generate regional economic growth and improve quality of life.
Funding	\$2 B (FY 22-26) in Contract Authority from the HTF
Eligible entities	<ul style="list-style-type: none"> <li>• State</li> <li>• Regional transportation planning organization (RTPO)</li> <li>• Local government</li> <li>• Tribal government</li> </ul>
Eligible projects	<ul style="list-style-type: none"> <li>• Highway, bridge, or tunnel projects eligible under NHPP, STBG or the Tribal Transportation Program</li> <li>• Highway freight project eligible under NHFP</li> <li>• Highway safety improvement project</li> <li>• Project on a publicly-owned highway or bridge improving access to certain facilities that support the economy of a rural area</li> <li>• Integrated mobility management system, transportation demand management system, or on-demand mobility services</li> </ul>
Other key provisions	<ul style="list-style-type: none"> <li>• Sets aside each FY: ≤10% for grants to small projects (&lt;\$25M); 25% for designated routes of the ADHS; and 15% for projects in States with higher than average rural roadway lane departure fatalities</li> </ul>

# SIGNIFICANT INFRASTRUCTURE PROGRAMS AND FREIGHT

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- National Infrastructure Project Assistance Program (Mega-projects)
- Local and Regional Project Assistance Program
- Changes to INFRA Program
- Reductions of Truck Emissions at Port Facilities Program

## [NEW] National Infrastructure Project Assistance Program (“Mega-projects”) (discretionary)

Purpose	Provide funding through single-year or multiyear grant agreements for eligible surface transportation projects
Funding	\$5 B (FY 22-26) in advance appropriations from the GF
Eligible entities	<ul style="list-style-type: none"><li>• State</li><li>• MPO</li><li>• Local government</li><li>• Special purpose district or public authority with transportation function</li><li>• Tribal governments</li><li>• Partnership between Amtrak and one or more other eligible entities</li></ul>
Eligible projects	<ul style="list-style-type: none"><li>• Highway/bridge projects on National Multimodal Freight Network, NHFN, or NHS</li><li>• Freight intermodal or freight rail projects that provide a public benefit</li><li>• Railway-highway grade separation or elimination projects</li><li>• Intercity passenger rail projects</li><li>• Certain public transportation projects</li></ul>
Other key provisions	<ul style="list-style-type: none"><li>• Sets aside 50% of grant funding for projects costing more than \$100 M but less than \$500 M, and 50% for projects costing \$500 M or more</li></ul>



## [NEW] Local and Regional Project Assistance Program\* (discretionary)

Purpose	Projects with a significant local or regional impact that improve transportation infrastructure
Funding	\$7.5 B (FY 22-26) in advance appropriations from the GF
Eligible entities	<ul style="list-style-type: none"> <li>• State (and DC)</li> <li>• Territory</li> <li>• Local government</li> <li>• Public agency or publicly chartered authorities established by one or more States</li> <li>• Special purpose district or public authority with transportation function</li> <li>• Federally-recognized Indian Tribe</li> <li>• Transit agency</li> </ul>
Eligible projects	<ul style="list-style-type: none"> <li>• Highway/bridge projects eligible under title 23</li> <li>• Public transportation projects</li> <li>• Passenger or freight rail projects</li> <li>• Port infrastructure investments</li> <li>• Surface transportation components of an airport</li> <li>• Projects for investment in surface transportation facilities on Tribal land</li> <li>• Projects to replace or rehabilitate a culvert or certain projects to prevent stormwater runoff</li> <li>• Any other surface transportation projects considered necessary to advance program goals</li> </ul>

\* Codifies the existing Rebuilding American Infrastructure with Sustainability and Equity (RAISE) program previously established through appropriations acts (and formerly known as TIGER and BUILD).

## Changes to INFRA Program (discretionary)

Purpose	Multimodal freight and highway projects of national or regional significance
Funding	\$8 B (FY 22-26), including: <ul style="list-style-type: none"><li>• \$4.8 B (FY 22-26) in Contract Authority from the HTF; and</li><li>• \$3.2 B (FY 22-26) in advance appropriations from the GF</li></ul>
Eligible entities	Adds eligibility for: <ul style="list-style-type: none"><li>• Multistate corridor organizations</li></ul>
Eligible projects	Adds eligibility for: <ul style="list-style-type: none"><li>• A highway, bridge, or freight project on the National Multimodal Freight Network</li><li>• Marine highway corridor projects functionally connected to NHFN and likely to reduce on-road emissions;</li><li>• Wildlife crossing projects; and</li><li>• Surface transportation projects within the boundaries of or functionally connected to an international border crossing area;</li></ul>
Other key provisions	<ul style="list-style-type: none"><li>• Increases flexibility to use INFRA funds (up to 30% per FY) on non-highway freight projects</li><li>• Sets aside <math>\geq 15\%</math> (instead of 10%) of grant funding for small projects and at least 30% of the set-aside amount for projects in rural areas</li></ul>

## [NEW] Reduction of Truck Emissions at Port Facilities Program (discretionary)

Purpose	Study and competitive grants to reduce truck idling and emissions at ports, including through the advancement of port electrification
Funding	\$400 M (FY 22-26), including— <ul style="list-style-type: none"><li>• \$250 M (FY 22-26) in Contract Authority from the HTF; and</li><li>• \$150 M (FY 22-26) in advance appropriations from the GF</li></ul>
Eligible entities	<ul style="list-style-type: none"><li>• None specified</li></ul>
Eligible projects	<ul style="list-style-type: none"><li>• Competitive grants are intended to test, evaluate, and deploy projects that reduce port-related emissions</li></ul>
Other key provisions	<ul style="list-style-type: none"><li>• Study to address how ports and intermodal port transfer facilities would benefit from increased opportunities to reduce emissions at ports, and how emerging technologies and strategies can contribute</li></ul>

# RESEARCH, DEVELOPMENT, TECHNOLOGY AND EDUCATION (RDT&E)

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- Strategic Innovation for Revenue Collection
- Advanced Transportation Technologies and Innovative Mobility Deployment Program

## Strategic Innovation for Revenue Collection (SIRC)

Topic	Changes
Program name	<ul style="list-style-type: none"><li>• Modifies and renames the Surface Transportation System Funding Alternatives (STSFA) program</li></ul>
Purpose	<ul style="list-style-type: none"><li>• Requires DOT to test the feasibility of a road usage fee and other user-based alternative revenue mechanisms to help maintain the long-term solvency of the HTF, through pilot projects at the State, local, and regional level.</li></ul>
Program objectives	<ul style="list-style-type: none"><li>• Modifies program objectives to focus on data privacy, administrative costs, implementation issues, and equity considerations</li></ul>
Eligible entities	<ul style="list-style-type: none"><li>• Expands eligibility to include MPOs and local governments (in addition to States)</li></ul>

## Advanced Transportation Technologies and Innovative Mobility Deployment Program (ATTIMD)

Topic	Changes
Program name	<ul style="list-style-type: none"><li>Changes name of existing Advanced Transportation and Congestion Management Technologies Deployment Program (ATCMTD)</li></ul>
Program focus	<ul style="list-style-type: none"><li>Focuses on deployment and operation of technologies</li></ul>
Eligible entities	<ul style="list-style-type: none"><li>Broadens eligibility to include all MPOs</li></ul>
Rural set-aside	<ul style="list-style-type: none"><li>Reserves 20% of program funds for projects serving rural areas</li></ul>

# PLANNING AND PROJECT DELIVERY

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- Prioritization Process Pilot Program

## [NEW] Prioritization Process Pilot Program (discretionary)

Purpose	Pilot program to support data-driven approaches to planning that can be evaluated for public benefit.
Funding	\$50 M (FY 22-26) in Contract Authority from the HTF
Eligible entities	<ul style="list-style-type: none"><li>• State</li><li>• MPO serving an urbanized area with a population of &gt;200,000</li></ul>
Other key provisions	<ul style="list-style-type: none"><li>• Grants of up to \$2M to develop and implement a publicly accessible, transparent prioritization process for the selection of projects for inclusion in the Statewide or metropolitan transportation plan</li><li>• Recipients that have met funding requirements may use remaining funds for any transportation planning purpose</li></ul>

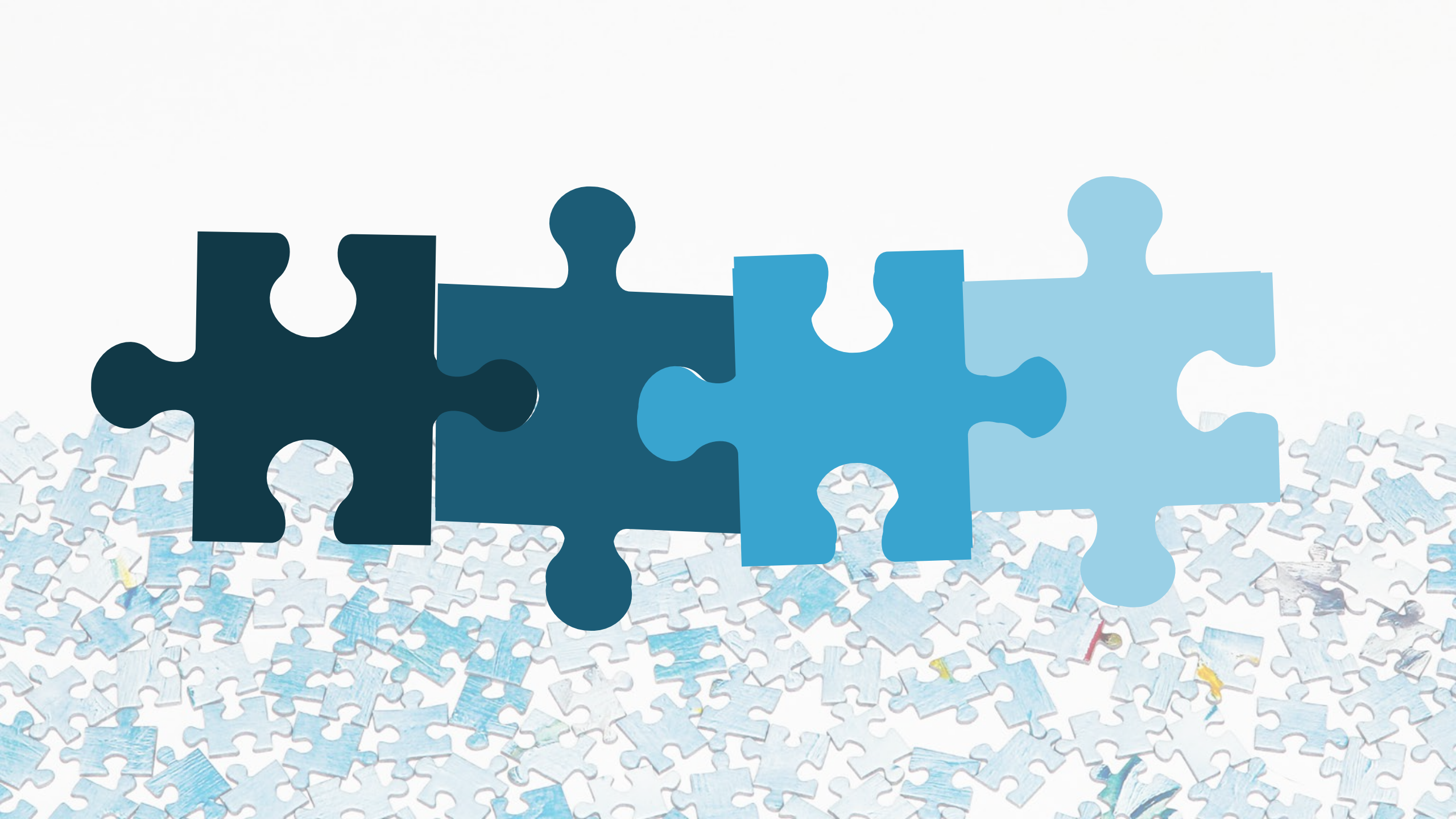


# FOR MORE INFORMATION

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