

# Statewide Planning and Research Funds

## Call for Projects SFY21

Illinois Department of Transportation

February 14, 2020



# Source of Funding

- SPR funds are a set-a-side from federal transportation funds
- Federal funds require 20% match
  - State match can be provided in some instances
- Approximately \$20 million is available
- No project size limit (average is \$400,000)
- Multiple years of funding can be awarded

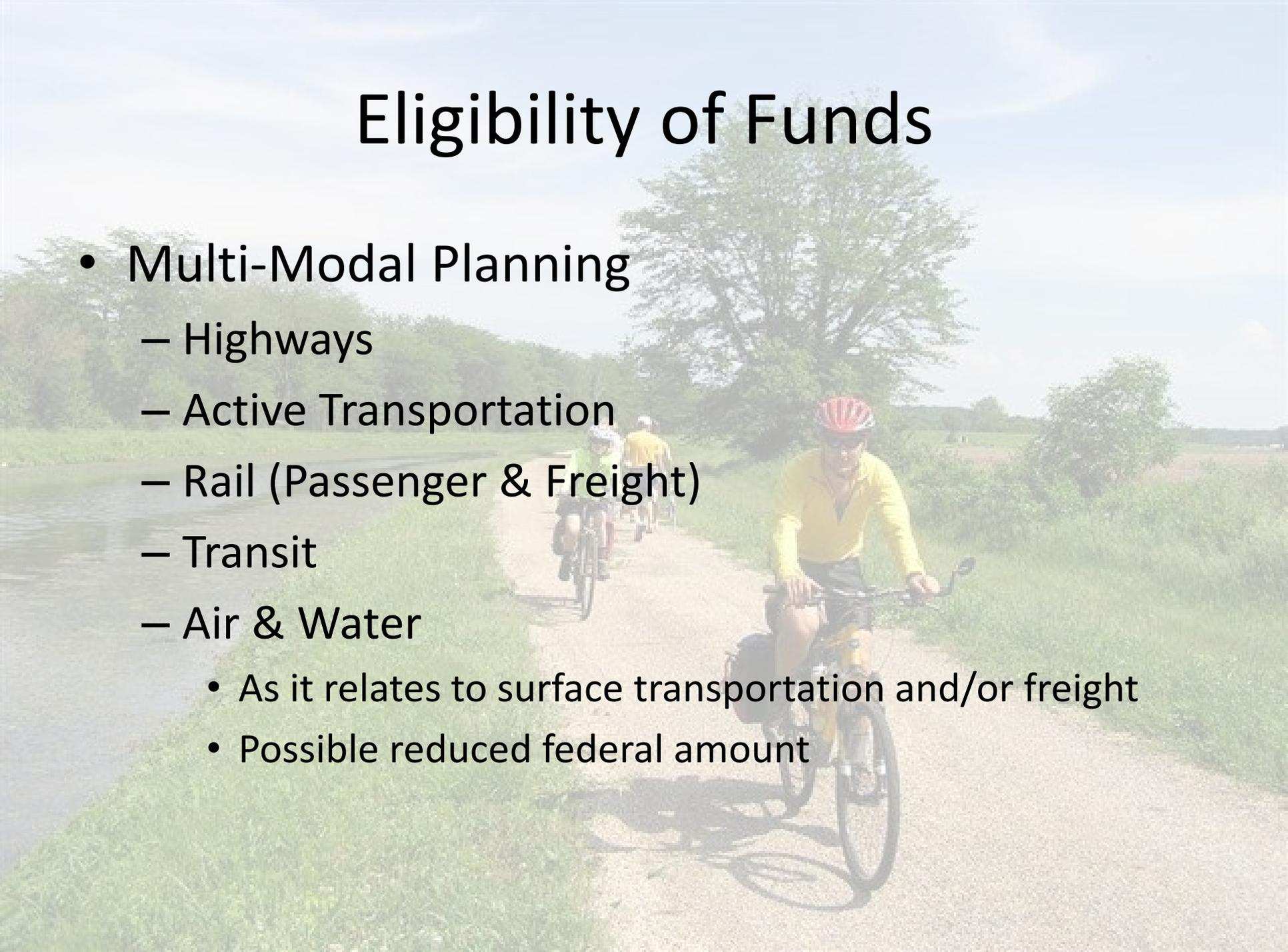
# Eligibility of Funds

- Planning studies
- Data purchase, collection, and/or analysis
- Program development activities
- Performance management activities
- Coordination/outreach activities
- Software



Engineering,  
Construction, or  
Maintenance

# Eligibility of Funds

A group of cyclists is riding on a gravel path that runs alongside a river. The lead cyclist is wearing a yellow long-sleeved shirt and a red helmet. Other cyclists are visible further down the path. The background features green trees and a clear sky.

- Multi-Modal Planning
  - Highways
  - Active Transportation
  - Rail (Passenger & Freight)
  - Transit
  - Air & Water
    - As it relates to surface transportation and/or freight
    - Possible reduced federal amount

# Who Can Apply?

## Governmental Agencies

- ✓ IDOT
- ✓ Other State Agencies
- ✓ Counties
- ✓ Municipalities
- ✓ Metropolitan Planning Organizations
- ✓ Governmental Councils
- ✓ Park Districts
- ✓ Forest Preserve Districts

Private Entities and Not-for-Profits must have a public sponsor.

# What can you do with the funds?

Support Internal Agency Staff

Hire a Consultant for Assistance\*

Purchase Data\*

Purchase Equipment\*

Purchase Software\*

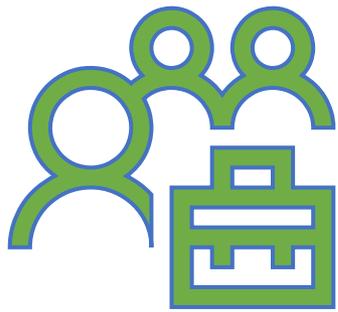
\*Must follow federal and state procurement rules.

An aerial photograph of a rural landscape, likely in Peoria County, Illinois. The image shows a mix of green fields, brownish-tan agricultural land, and a small town with buildings and roads. A river or stream is visible winding through the landscape. The overall tone is muted and slightly desaturated.

# Example Projects

IDOT Bureau of Design and Environment  
The New Environmental Survey and Tracking System

Peoria County  
Transportation Equity and Economic Mobility Studies



# The NEW Environmental Survey Request and Tracking System

Kate Gleason

IDOT – Environmental Coordination Unit

LET'S RECAP...

## Future of PMA.....

- Web Interface
- SQL Database
- GIS Functions

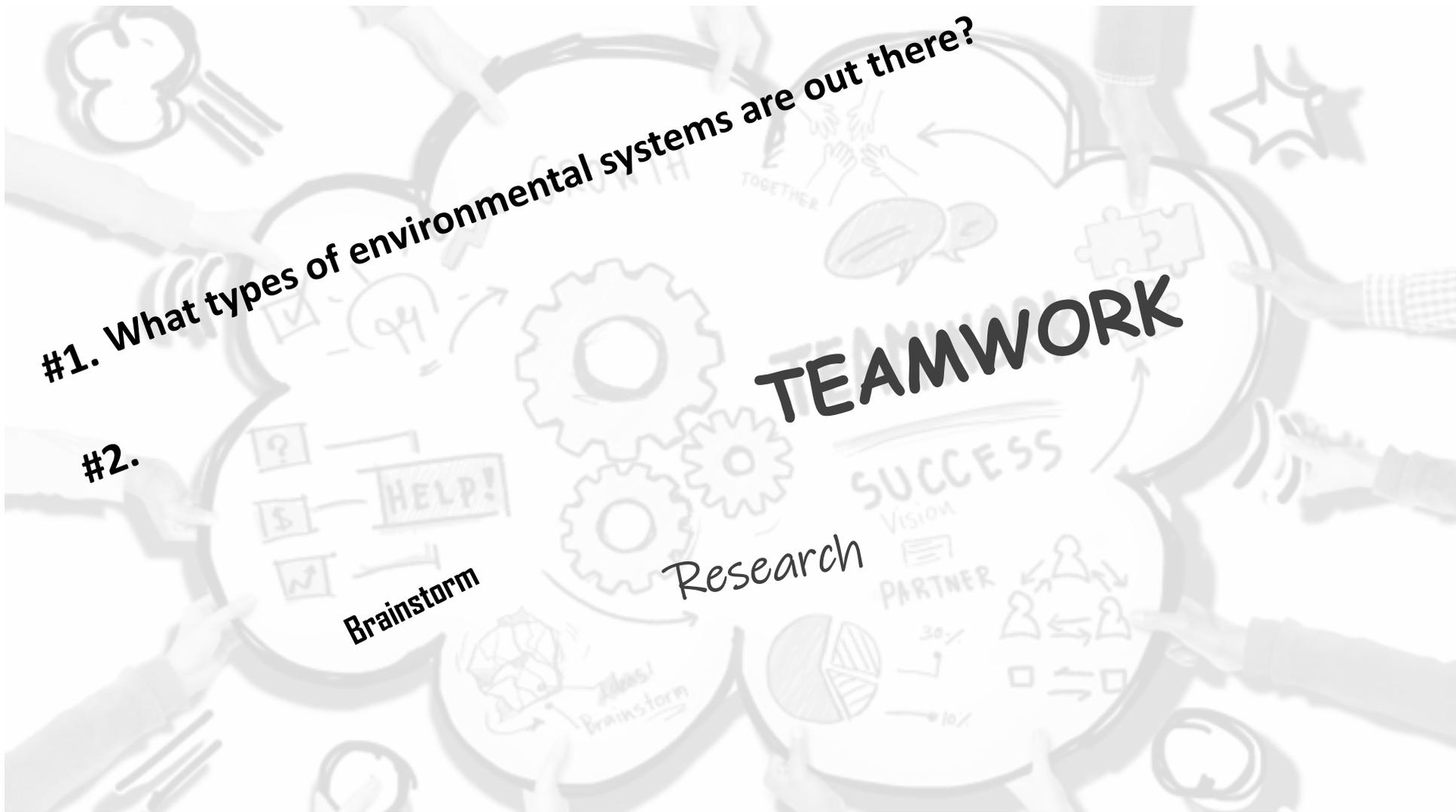
Version 5.1.9 Production - 01.26.2018  
Comprehensive Environmental Data and Reporting System

Announcements Alerts Project Search Common Functions Links

District: (Select a District) v CEDAR Status: v  
City/County: (District not selected) v Route Number:   
Residency: v Route Type: v  
Project Number:  Environmental Contact:    
UPC/Temp UPC:  Planned Ad/Est Begin Date:  Start Date:  End Date:    
Project Type: v Project Name:   
Permit Number:  -

Search Reset

(image courtesy of VDOT).



**#1. What types of environmental systems are out there?**

**#2.**

**Brainstorm**

**Research**

**TEAMWORK**

**SUCCESS**

**PARTNER**

**HELP!**

TOGETHER

Adapt/  
Brainstorm

30%

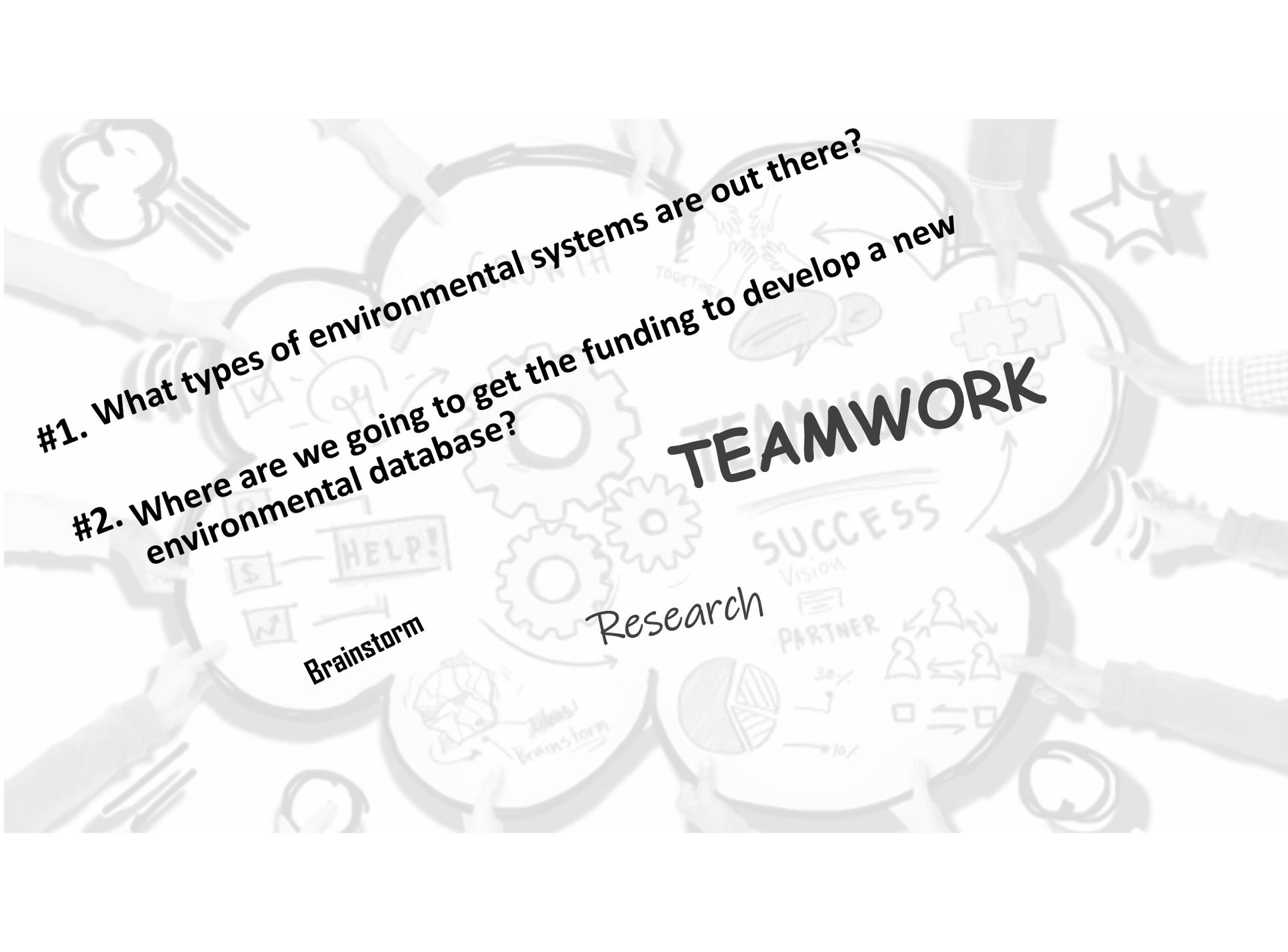
10%

# Virginia DOT's Environmental Database

- CEDAR is a GIS database with a web application;
- Development of CEDAR started in 2003;
- VDOT spent 2 yrs. gathering business requirements and conducting research, interviewing and discussing the program with the users;
- SPR funds were used and have continued to be used to develop the CEDAR program and database;
- VDOT designed CEDAR to be transferable and has been implemented by many other states; and
- Cedar is a module-based system that can be customized for any agency's requirements.



(image courtesy of VDOT).



#1. What types of environmental systems are out there?

#2. Where are we going to get the funding to develop a new environmental database?

# TEAMWORK

Brainstorm

Research

SUCCESS

PARTNER

30%

10%

# SPR Funds

- Historically IDOT only used these funds for research, but in 2018 OP&P decided to open it up to planning projects;
- BDE applied for the SPR funds and were awarded 5.2 million to develop and launch the new database;
- The funds will be distributed over the 4 year period we are proposing this project will take to complete.



# Proposed Project Timeline

**Phase 1: \$200K**  
July 1, 2019 to June 30, 2020

- Process Review
- Gap Analysis

**Phase 2: \$1.6M**  
July 1, 2020 to June 30, 2021

- Design
- Development

**Phase 3: 1.6M**  
July 1, 2021 to June 30, 2022

- Development Continued
- Testing
- Training

**Phase 4: 800K**  
July 1, 2022 to June 30, 2023

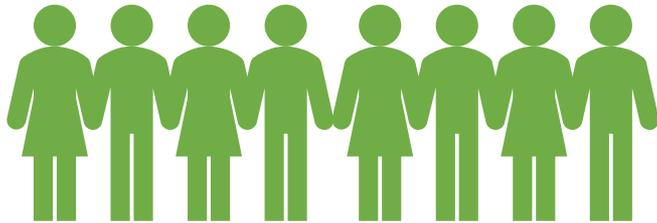
- Debugging
- Enhancements
- Maintenance





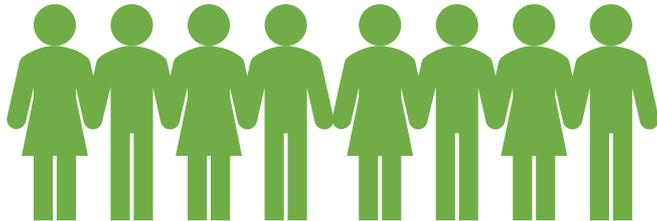
# What have we done?

- Completed the Statewide Planning and Research Application
  - Application closed April 30th
- Secured the 20% State Funding Match
  - BIP has agree to cover the 20% match
- Awarded the 5.2M to Develop the Database
  - Announced awards July 1st
- Attended the SPR Workshop
  - Procurement options ( BoBS-BidBuy-IT)
  - Contract implementation (assigned Financial Assistant through OP&P/funding obligated by Sept 30<sup>th</sup>)
  - Timecards/Labor reimbursement



## What have we done?

- Small Purchase Procurement Request through BoBS to hire Business Analyst (BA)
  - Procurement Request Form (BoBS 2573)
  - CMS Procurement Justification Form
  - BoBS awarded procurement agreement approx. 2 months
- OP&P Obligated the Funds
  - Financial Assistant obligates funds through Project Control and Illinois Comptroller approx. 1 months to obligate the funds
- BIP Resource Hiring Process
  - Completed the Skills Matrix for hiring a BA
  - Job was posted on the BidBuy e-procurement system
  - Approx. 1 month to hire BA



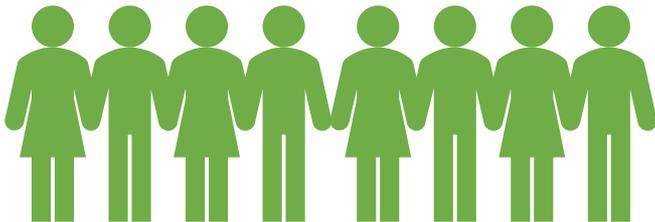
# Where are we now?

- Hired the BA
- Formed Steering Committee with PMA Users
  - Interviewing staff and documenting business and technical needs
- OP&P is handling all the financials for the BA
  - I am cc'd on the emails for BA salary invoices
- Employee Time Card
  - Project hours are submitted to OP&P every two weeks
  - Handled by Financial Assistant



## What's Next?

- Large Purchase Procurement Requests through BoBS to Hire Developers
  - Procurement Request Form (BoBS 2573), CMS Procurement Justification Form and a Request for Information (RFI)
  - Takes at least **9 months** to complete!
- OP&P Obligated the Funds
- BIP Resource Hiring Process





# PEORIA COUNTY TRANSPORTATION EQUITY AND ECONOMIC MOBILITY STUDY

PRESENTED BY

Dr. Leslie L. McKnight

Director of Community Health Policy  
and Planning

Peoria City/County Health Department

IDOT WEBINAR

02-14-20

# PEORIA COUNTY TRANSPORTATION EQUITY AND ECONOMIC MOBILITY STUDY (PCTEEMS)

## PROJECT SCOPE AND GOAL

- Identify local transportation equity issues to diminish impacts of poverty in 61605 zip code.
- Develop and deploy a community survey that focuses on interrelation between mode, reliability, and affordability of transportation in accessing services.
- Following the release of a report, facilitate a series of community workshops to offer recommendations and solutions for more integrated inclusionary transportation planning and equity considerations.

## ANTICIPATED OUTCOMES

- PCTEEMS survey data will be used in agency planning and developments to better connect disadvantage populations with access to opportunities and resources.
- Expand community engagement techniques to hard to reach populations.
- Better understand the 61605 transportation network and their connectivity to greater Peoria community.

# PEORIA COUNTY TRANSPORTATION EQUITY AND ECONOMIC MOBILITY STUDY (PCTEEMS)- NEXT STEPS



**DEVELOP A  
REQUEST FOR  
PROPOSAL (RFP) TO  
HIRE A CONSULTANT  
TO CONDUCT THE  
STUDY**



**AGGREGATE  
EXISTING  
TRANSPORTATION  
STUDIES AND DATA**



**IDENTIFY  
COMMUNITY  
AGENCIES TO ASSIST  
IN OUTREACH AND  
DATA COLLECTION**



**IDENTIFY  
COMMUNICATION  
NETWORKS FOR  
ADVERTISING AND  
MARKETING**

# Applying for Funding

## Online Application

### Basic Project Information:

Costs

Scope

Source of Matching Funds (20%)

Timeframe

### How the project implements/supports:

IDOT Long Range Transportation Plan

Asset Management

Performance Based Project Selection

Benefits a disadvantaged/economically distressed community

# Grant Accountability and Transparency Act (GATA)

## Requirements of Grantee (if a non-IDOT sponsor)

Each grantee that receives state funds or federal funds that pass through the state must complete certain items annually:

- Registration
- Pre-Qualification
- Internal Controls Questionnaire
- Indirect Cost Negotiation

# More on GATA

## Requirements per Project

Each project that receives state funds or federal funds that pass through the state must complete certain items:

- [Application](#)
- [Programmatic Risk Assessment](#)
- [Budget Template](#)
- Notice of State Award

# Project Prioritization Criteria

Long Range Transportation Plan

Asset Management

Performance Based Program Development

Disadvantaged/Economically Distressed  
Community

# Disadvantaged/Economically Distressed Community

**\*\*New this year\*\***

- Projects that benefit disadvantaged/economically distressed community(ies) will receive prioritization
- No specific definition
  - [DCEO Underserved Areas](#)
  - [IEPA Environmental Justice Areas](#)
- Multi-Jurisdictional
- Eligible for 100% funding

# Asset Management

- Develops analytical tools or data collection
- Use to prioritize future improvements
- Model future asset condition
- Identify different improvement strategies
- Slow the rate of asset deterioration so assets last as long as possible

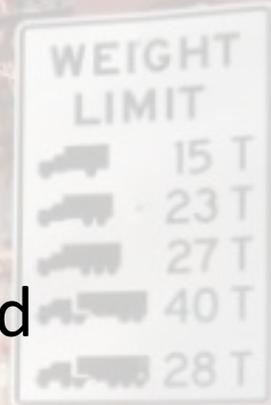
*This could also be used to assist in developing...*

# Performance Based Program Development Process

Does the proposed project:

Work towards creating a performance based program development process?

- This involves using data and metrics to evaluate proposed projects to ensure the projects meets the goals and objectives outlined in planning documents and policy statements.
- Could include purchasing data, technology tools, or coordination efforts.



A white rectangular sign with black text and icons, mounted on a metal structure. The sign lists weight limits for different vehicle types. The background shows a large steel truss bridge structure under construction or maintenance, with a white car visible in the lower left.

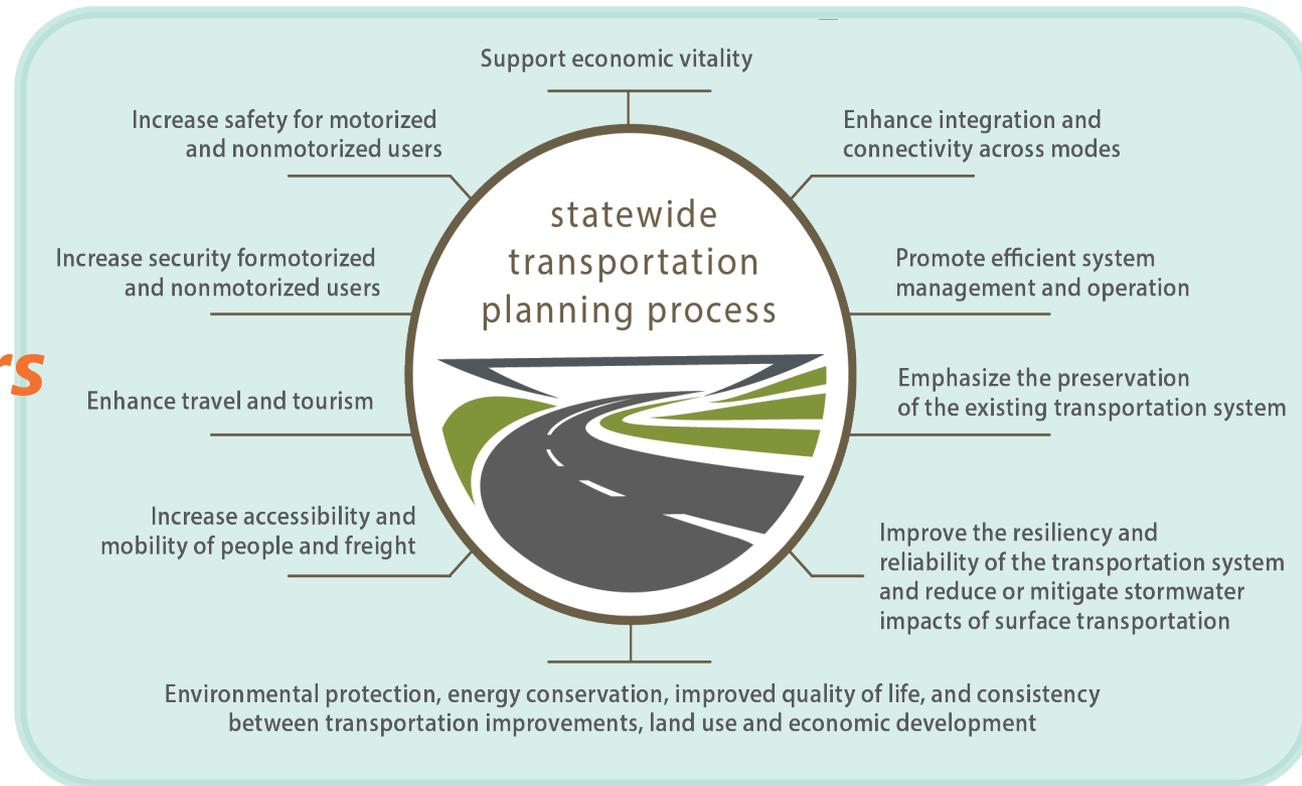
WEIGHT LIMIT	
	15 T
	23 T
	27 T
	40 T
	28 T

# Long Range Transportation Plan – State and Federal Requirements

- State requirements include developing and maintaining a continuing, comprehensive and integrated planning process for the development of a statewide master plan for transportation.

*every five years*

- Federal requirements call for the statewide transportation planning process to include ten primary goals.





# L RTP and Multi-Year Program (MYP) Relationship

- **L RTP** establishes a set of policies to guide future system development, rather than specific improvements
- Specific improvements are programmed separately and released annually as part of IDOT's **MYP**
- Annual **MYP** development should incorporate goals, objectives and performance measures identified in the **L RTP**





# GOALS

# IDOT Long Range Transportation Plan

How does the project help implement the goals/objectives outlined in the LRTP?



## ECONOMY

Improve Illinois' economy by providing transportation infrastructure that supports the efficient movement of people and goods.

## LIVABILITY

Enhance the quality of life across the state by ensuring that transportation investments advance local goals, provide multimodal options, and preserve the environment.

## MOBILITY

Support all modes of transportation to improve accessibility and safety by improving connections between all modes of transportation.

## RESILIENCY

Proactively assess, plan and invest in the state's transportation system to ensure that our infrastructure is prepared to sustain and recover from extreme events and other disruptions.

## STEWARDSHIP

Safeguard existing funding and increase revenues to support system maintenance, modernization, and strategic growth of Illinois' transportation system.

PERFORMANCE GOALS

# LRTP Performance Measures

- A plan is only as good as its **implementation**.
- **Objectives** and **strategies** have been developed for each goal.
- Performance measures were identified to **track** performance.

**These are the items we are looking to implement with the SPR call for projects.**

# For Example...

## Objective

*Support projects that improve connectivity and coordination of services to enhance continuity and accommodate the efficient movement of people, goods and services across all modes to address intermodal efficiency.*

## Strategies

- **Review and evaluate intermodal connections across the state.**
- **Improve efficiency of transfers of freight and passengers between modes.**
- **Work collaboratively with ports and waterways stakeholders to identify and address issues related to transporting commerce via navigable waterways.**
- **Advocate for the success of Illinois' passenger rail program.**
- **Identify shifts in population and employment centers and ensure that there are adequate airport services provided to those population and employment centers.**

# For Example...

## Performance Measures

- Prepare regular assessment of performance of designated National Highway System (NHS) intermodal connectors
- Number of aviation, highway, & rail program investments that support improved use, safety & ease of access to intermodal facilities
- Prepare regular waterborne commerce report assessing the utilization of port districts & other port terminals
- Increased education and marketing of passenger rail options & transfer options between modes
- Percent of population and employment with drive access to a commercial airport

## Implementation

- Develop regular report on Illinois National Highway System Intermodal Connectors
- Develop regular report on Illinois Waterborne Transportation
- Develop new marketing campaign for intercity passenger rail

# Implementation Matrix

<b>GOAL: Mobility</b>				
Support all modes of transportation to improve accessibility and safety by improving connections between all modes of transportation.				
<b>Objective 1:</b>	Enhance intermodal freight connectivity and mobility to improve continuity and accommodate the efficient movement of goods and services.	Explore scenarios where modal connections can be improved to facilitate shipments by rail, water and air.	Modal breakdown of annual shipping volumes	<ul style="list-style-type: none"> <li>Begin outreach efforts to freight companies and stakeholders in an effort to identify and address issues related to freight transportation in Illinois. <b>Lead:</b> IDOT Office of Planning and Programming, IDOT Bureau of Communications Services <b>Partner(s):</b> IDOT Districts, Freight Companies, Freight Stakeholders</li> <li>Support efforts to freight stakeholders to explore where modal connections can be improved to facilitate shipments by rail, water and air. <b>Lead:</b> IDOT Office of Planning and Programming <b>Partner(s):</b> Local Government, Planning Agencies, Freight Companies, Freight Stakeholders</li> <li>Provide resources to MPOs on using the NPMRDS data source to measure performance. <b>Lead:</b> IDOT Office of Planning and Programming <b>Partner(s):</b> MPOs</li> <li>Identify how ITS can improve freight movement within and through the state. <b>Lead:</b> IDOT Office of Planning and Programming, IDOT Bureau of Operations <b>Partner(s):</b> Freight Stakeholders</li> <li>Develop live, internet-based, intermodal dashboard of approved freight routes, current travel times and rerouting suggestions. <b>Lead:</b> IDOT Bureau of Operations <b>Partner(s):</b> Freight Stakeholders, IDOT Office of Planning and Programming</li> </ul>
		Work collaboratively with freight stakeholders to identify and address issues related to transporting freight within Illinois.	Number of intermodal facilities for freight movements	
		Enhance intermodal connectivity by identifying and implementing improvements needed to truck routes, ports, airports and rail lines that provide access to Illinois intermodal facilities.	Number of intermodal facilities with NHS connections	
		Establish procedures to use the National Performance Management Research Data Set (NPMRDS) to calculate performance.	Truck Travel Time Reliability (TTTR) index	
		Evaluate existing and proposed innovative intelligent transportation systems (ITS) technology to improve safety.	ITS Statewide Architecture and Strategic Plan Update	
		Explore ITS technologies to foster the most efficient movement of freight.	Live, internet-based, intermodal dashboard of approved freight routes, current travel times and rerouting suggestions	
		Investigate potential use of commercial connected/autonomous vehicles (CAV) for the movement of freight.	Number of studies concerning commercial CAV and impacts on the freight transportation network	

# Program Management

You've been funded, what next?

- If you are an IDOT project sponsor, work with the Bureau of Planning and other bureaus to get project started
- If you are a non-IDOT project sponsor
  - Notice of State Award – July 1, 2019
  - Uniform Intergovernmental Agreement (UIGA)
  - Local and State Execution (9 to 12 weeks)
  - Start Procurement Processes
  - [Invoice](#) within 3 months of fully executed UIGA

**NO WORK CAN BE INVOICED IF FULLY EXECUTED AGREEMENT IS NOT IN PLACE**

# Questions?

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