



Applicant Workshops

February 23 – D8 Collinsville

1102 Eastport Plaza Drive,
Collinsville, Illinois 62234

February 28 – D1 Lower Level Auditorium

201 West Center Court
Schaumburg, IL 60196

March 5 – IDOT Auditorium

2300 S. Dirksen Parkway,
Springfield, IL 62764

Michael E Vanderhoof
Bureau of Planning



Illinois Department
of Transportation





Program Guidance



Illinois Competitive Freight Program

February 16, 2018



<http://www.idot.illinois.gov/transportation-system/transportation-management/planning/illinois-competitive-freight-program>

FAST ACT (2016-2020)

- Illinois State Freight Plan
- National Highway Freight Program
- National Highway Freight Network (NHFN)

Year	Funding Level
2018	43,040,166
2019	48,420,187
2020	53,800,208*
2021	45,000,000*
2022	45,000,000*

* Subject to change



Funding for 2021 and 2022 is being programmed because IDOT believes the NHFP will continue



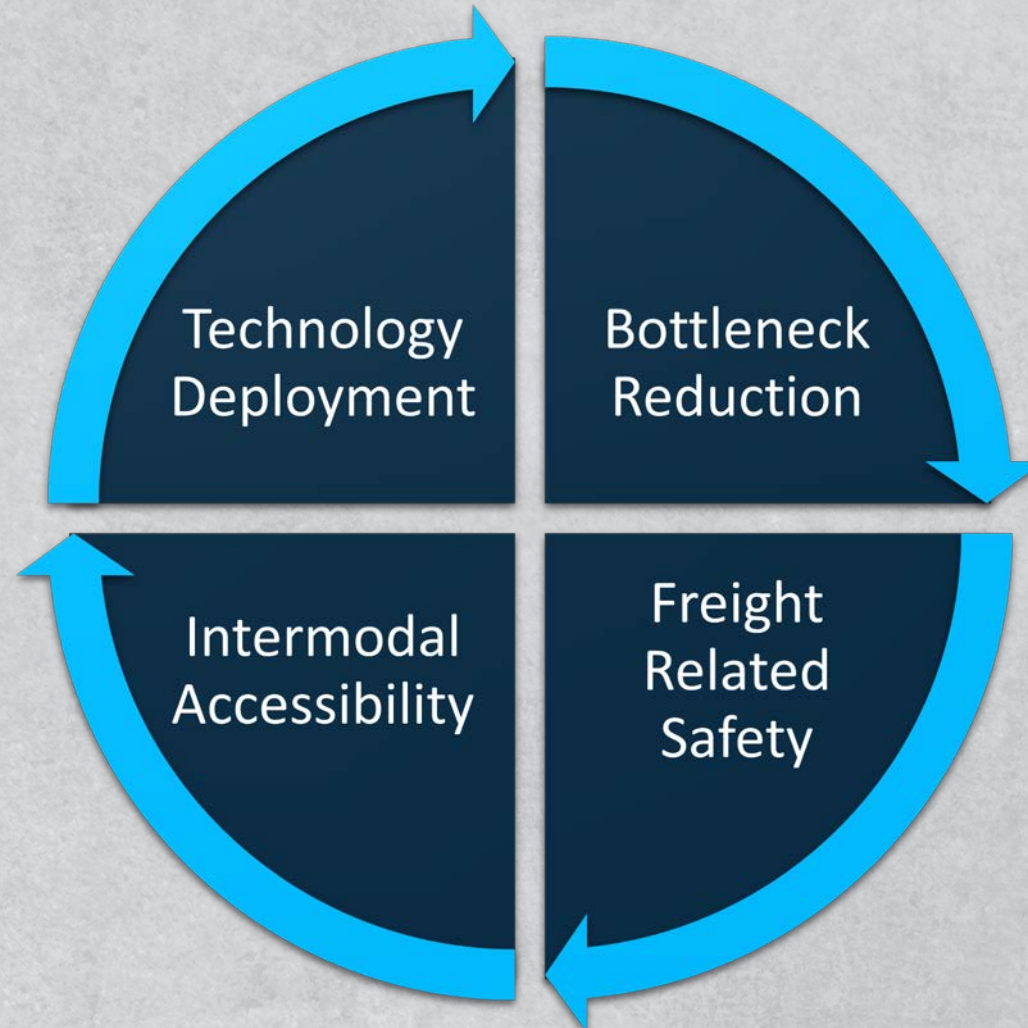
Illinois Competitive Freight Program

- Transparency and Objectivity
- Freight Plan Performance Goals
- Data Driven Prioritization
- Leverage funds from local agencies and partnerships
 - Public-Public and Public-Private Partnerships strongly encouraged



Not a substitute for other existing funds
Geographic distribution will occur

Goals of the Program





Eligibility

- Applicants:
 - Local, State, Federal agencies, MPOs, Transportation Authorities
 - Private entities may partner with public sponsor
- All FAST ACT eligible projects allowed
- 80% federal match (90% for interstates)
- Local Agencies:
 - *Intergovernmental Agreement*
 - *Assurance* funds are available and sufficient
 - GATA

Online Application

A screenshot of a web browser displaying the "Funding Application Illinois Competitive Freight Program" form. The browser's address bar shows "https://docs.google". The form has a brown header with the title "Funding Application Illinois Competitive Freight Program" and a red asterisk indicating required fields. Below the header is a section titled "Project Information" in a brown box. The form contains four fields: "Project Title *" with a description "Please give the project a concise title by which the project can be referred to by name." and a text input field; "TIP ID" with a description "If the project is located within a Metropolitan Planning Organization boundary and has a TIP number, please include it." and a text input field; "State Job Number" with a description "If the project has a state job number, please enter it here. If there is more than one state job number, separate them by commas." and a text input field; and "Federal Project Number" with a description "If the project has a federal job number, please enter it here. If there is more than one federal project number, separate them by commas." and a text input field. Each field has a "Your answer" label above the input field.

Funding Application Illinois
Competitive Freight Program

* Required

Project Information

Project Title *
Please give the project a concise title by which the project can be referred to by name.

Your answer

TIP ID
If the project is located within a Metropolitan Planning Organization boundary and has a TIP number, please include it.

Your answer

State Job Number
If the project has a state job number, please enter it here. If there is more than one state job number, separate them by commas.

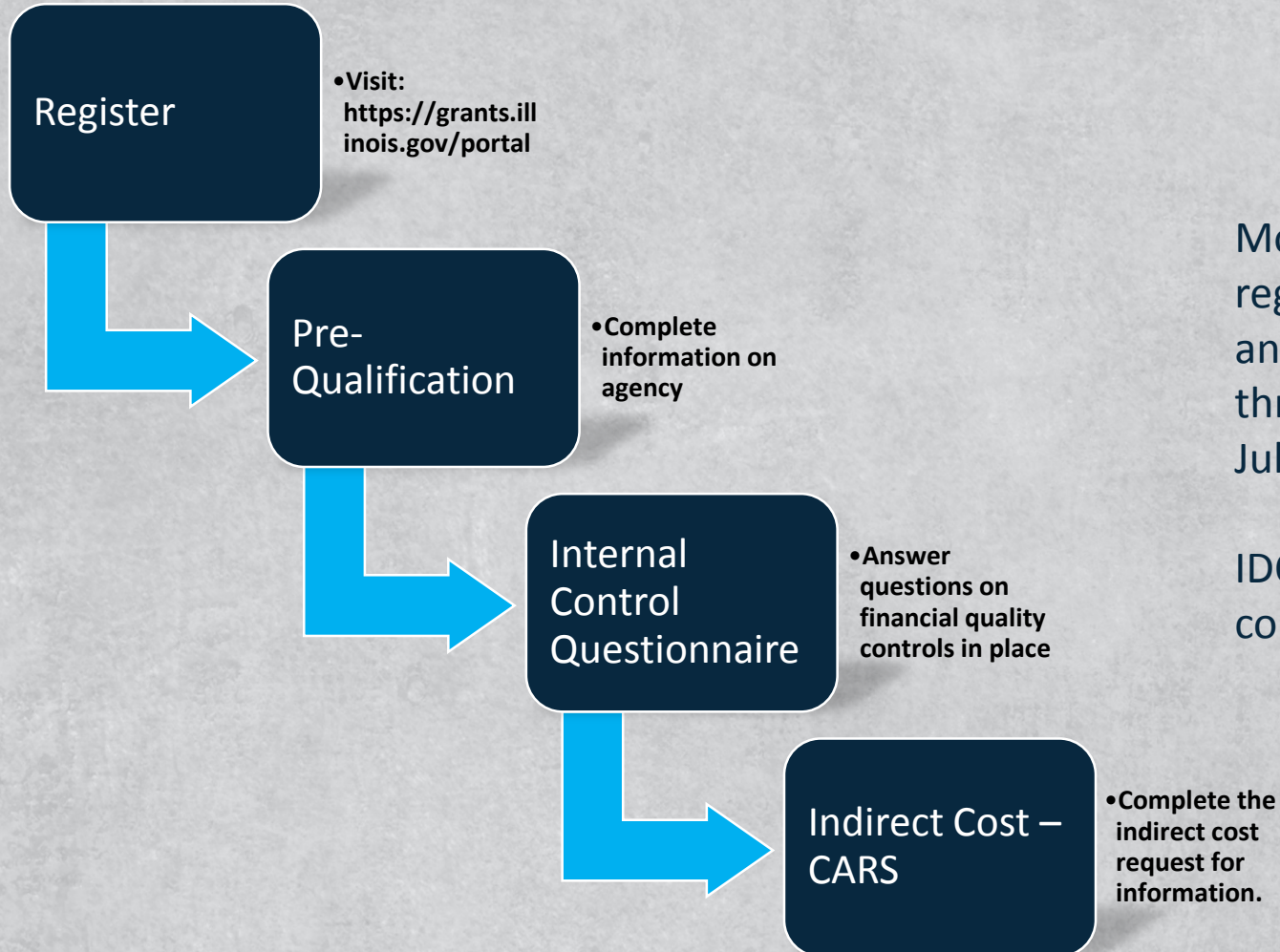
Your answer

Federal Project Number
If the project has a federal job number, please enter it here. If there is more than one federal project number, separate them by commas.

Your answer



Pre-Award – per Agency

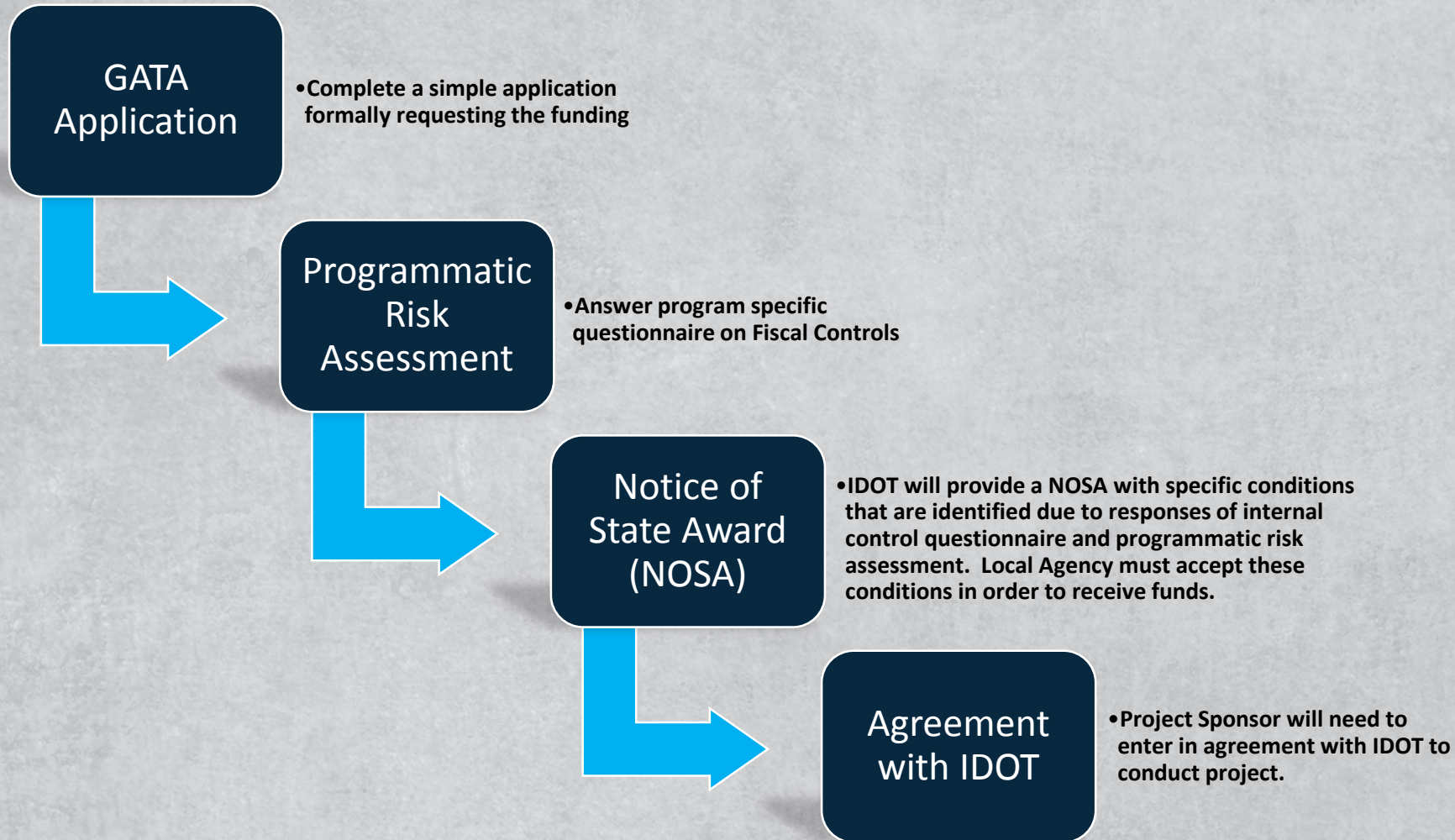


Most local agencies would have already registered and completed these activities if any state funds or federal funds (passed through the state) have been received since July 1, 2017.

IDOT sponsored projects do not need to complete this.



Post-Award – per Project



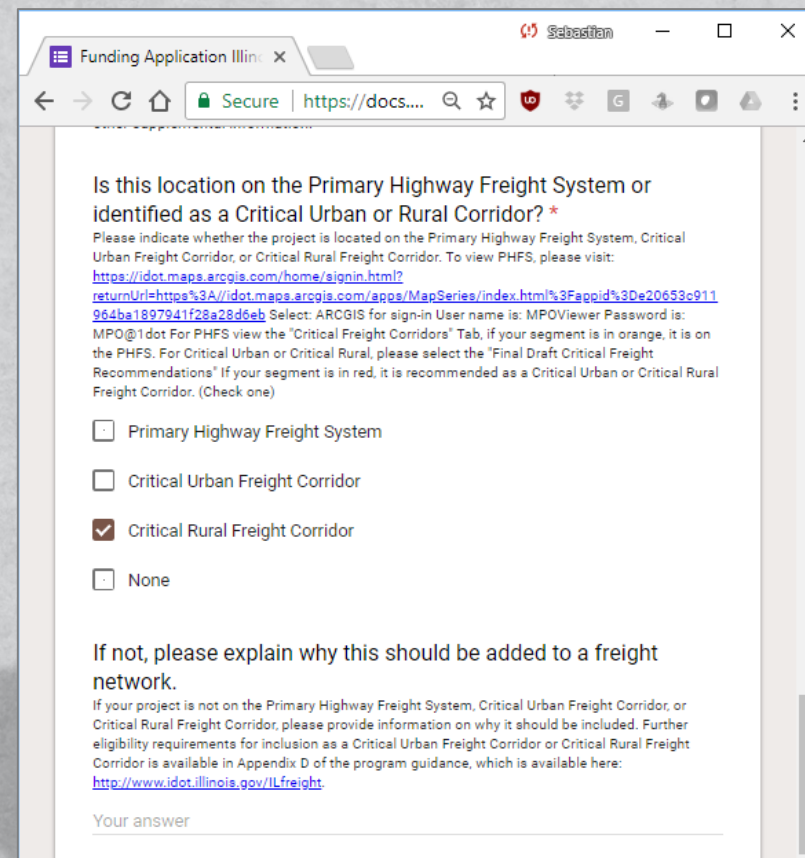


Eligibility – Project Location

If project is not on:

**Primary Highway Freight System (PHFS) or
Preliminary Critical Rural/Urban Freight**

then thoroughly explain the importance of project
to justify designation as critical freight corridor

A screenshot of a web browser displaying the "Funding Application Illinois" form. The browser's address bar shows a secure connection to a URL starting with "https://docs...". The form contains the following text:

Is this location on the Primary Highway Freight System or identified as a Critical Urban or Rural Corridor? *

Please indicate whether the project is located on the Primary Highway Freight System, Critical Urban Freight Corridor, or Critical Rural Freight Corridor. To view PHFS, please visit: <https://idot.maps.arcgis.com/home/signin.html?returnUrl=https%3A%2F%2Fidot.maps.arcgis.com/apps/MapSeries/index.html%3Fappid%3D20653c911964ba1897941f28a28d6eb> Select: ARCGIS for sign-in User name is: MPOViewer Password is: MPO@1dot For PHFS view the "Critical Freight Corridors" Tab, if your segment is in orange, it is on the PHFS. For Critical Urban or Critical Rural, please select the "Final Draft Critical Freight Recommendations" If your segment is in red, it is recommended as a Critical Urban or Critical Rural Freight Corridor. (Check one)

☐ Primary Highway Freight System

☐ Critical Urban Freight Corridor

☒ Critical Rural Freight Corridor

☐ None

If not, please explain why this should be added to a freight network.

If your project is not on the Primary Highway Freight System, Critical Urban Freight Corridor, or Critical Rural Freight Corridor, please provide information on why it should be included. Further eligibility requirements for inclusion as a Critical Urban Freight Corridor or Critical Rural Freight Corridor is available in Appendix D of the program guidance, which is available here: <http://www.idot.illinois.gov/ILFreight>

Your answer



Eligibility – Critical Corridor Guidance

- Applicants must justify designation using FAST Act Guidance
- Rural
 - Principal arterial with 25% trucks
 - Access to energy exploration/development
 - Provides access to agricultural facility, mining, etc.
- Urban
 - Connects Intermodal facility to PHFS, Interstate, etc.
 - Provides alternate route within PHFS Corridor
 - Serves major freight generator



Project Scoring

Areas	Number of Questions	Weights By Application Area			
		Bottleneck Reduction	Safety	Intermodal Accessibility	Technological Deployment
Bottleneck Reduction Measures	4	50%	10%	10%	10%
Safety Measures	5	10%	50%	10%	10%
Intermodal Accessibility Measures	5	10%	10%	50%	10%
Technology Development Measures	1	10%	10%	10%	50%
Crosscutting Measures	6	20%	20%	20%	20%
Subtotal Score Available		1050	1050	1050	1050



Online Application

Basic Information and Eligibility

Funding Application Illinois
Competitive Freight Program

* Required

Project Information

Project Title *
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Your answer

TIP ID
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Your answer

State Job Number
If the project has a state job number, please enter it here. If there is more than one state job number, separate them by commas.

Your answer

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Your answer

Project Scoring Questions

Funding Application Illinois
Competitive Freight Program

* Required

Bottleneck Reduction

Which is the current Truck Travel Time Unreliability measure of traffic affected by the project? (select one) *
Applicants should report the highest Truck Travel Time Unreliability Measure found within the boundaries of the project, along the direction of travel affected by the project. Within the dashboard in the link below, the applicant should navigate to the road segment affected by the project, hover over the roadway segment, and report the value provided for Truck Travel Time Unreliability. Data Source:
<https://public.tableau.com/views/FreightCompetitiveProgram/ILTMCMaps?showVizHome=no#3>

☐ 10,500 or more (95% percentile)

☐ 5,000 to 10,499 (85-94% percentile)

☐ 3,000 to 4,999 (75-84% percentile)

☐ 1,500 to 2,999 (50% percentile)

☐ 1,499 or less

Truck Travel Time Unreliability if not Calculated in the Illinois State Freight Plan
If Truck Travel Time Unreliability was not calculated in the Illinois State Freight Plan for a certain road, either because it is not part of the National Highway System, or it is not a road segment that is





Application – Basic Information and Eligibility

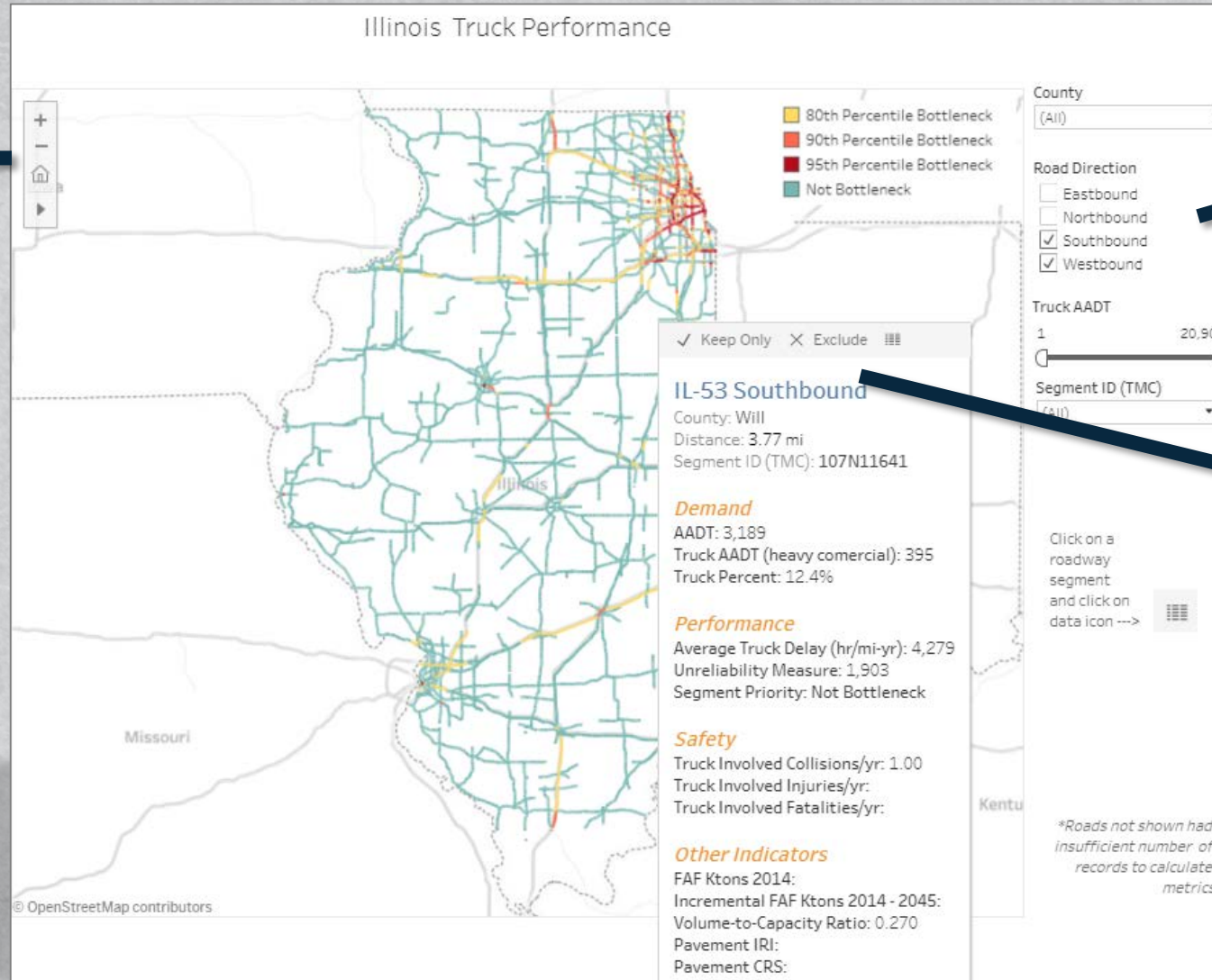
- Project title
- A description of the project purpose, scope, benefits, and location
- A map (or maps) of the project location denoting the project site
- A detailed cost estimate for the project (See below regarding cost estimating and cost overruns)
- Federal funds requested
- The readiness of the phase/project to be delivered (status in project development)
- Identification of how the project addresses the goals of the 2017 Illinois State Freight Plan
- Identification of multi-jurisdictional and financial support for the project.

Application – Online Data Dashboard



Zoom in

Developed user friendly dashboard and google form to streamline application process



County

Traffic Direction

Road ID

Click on road to view data



Project Scoring – Bottleneck Reduction Questions



Questions	Suggested Data Source	Requires Explanation
Current Truck Travel Time Unreliability	Online Dashboard or Own Calculation	No
Current Hours of Truck Delay	Online Dashboard or Own Calculation	No
Existing Bottleneck Locations identified in State Freight Plan	Online Dashboard or Own Explanation	No
Improvement in Truck Travel Time Reliability or Hours of Delay	Qualitative Project Info	No

IDOT Recommends applicants attempt to answer every question



Application— Safety Questions

Questions	Suggested Data Source	Requires Explanation
Current Fatality Rate involving Trucks	Online Dashboard	No
Current Serious Injury Rate involving Trucks	Online Dashboard	No
Improvements of Safety	Qualitative Project Info	No
Current Safer Roads Index	Online Dashboard	No
Additional Truck Parking Spaces	Quantitative Project Info	No

*Safety projects required to complete HSIP Cost-Benefit Analysis before final ranking



Application – Intermodal Accessibility Questions



Questions	Suggested Data Source	Requires Explanation
Increased Freight Volume	Quantitative Project Info	Yes
Current Facility Truck Gate Count	Quantitative Project Info	No
Current Hours of Truck Delay	Online Dashboard	No
Rail or Port Project Highway Relief	Quantitative Project Info	Yes
Improvement in Truck Travel Time Reliability or Hours of Delay	Qualitative Project Info	No

* Intermodal Accessibility projects must be within 3 miles of Intermodal Facility

Application – Technology Deployment Question



Funding Application Illinois x

Sebastian

Secure | https://do...

How many of the following features are included in the technology:

Applicants should report how many of the following components are included in the technology being deployed. (Check as many that are being proposed)

- ☐ Adaptive or synchronized traffic signals
- ☐ Real time traffic or operating condition information, including work zones and truck parking
- ☐ Electronic cargo information for intermodal efficiency
- ☐ Weigh-in-motion and other screening and credentialing systems
- ☐ Other vehicle-to-infrastructure systems
- ☐ Other: _____

Please describe in detail each technology sub-system checked above and identify clearly how it will benefit freight.
(500 words or less)

Your answer _____



Application – Crosscutting Questions

Questions	Suggested Data Source	Requires Explanation
Truck Volume (AADT)	Online Dashboard	Yes
Truck Percent	Online Dashboard	No
Interstate Condition Rating Survey (CRS)	Online Dashboard	No
Non-Interstate Condition Rating Survey (CRS)	Online Dashboard	No
Material Partnerships	Qualitative Project Info	Yes
Project Readiness	Qualitative Project Info	Yes



Project Ranking

- Additional 250 points for cost-effectiveness (subtotal points/project cost)
- Input from Illinois State Freight Advisory Council (ISFAC)
- Projects compared against each other
- IDOT professional judgement in allocating funds



Schedule

Milestone	Date
Application period opens	February 16, 2018
Application Deadline	April 6, 2018 (11:59:59pm CDT)
ISFAC Reviews Project List	April 23, 2018
Finalize Rankings	May 7, 2018
Announce Successful Projects	June 1, 2018

Program Management



- Project activities are expected to begin immediately after award
- Must submit delivery schedule of expenditures
- Safety projects must submit benefit-cost analysis
- Inactive projects might require repayment of all federal funds
- Extensions in expenditure delivery schedule may be requested because of extraordinary or unforeseen circumstances
 - However, ultimate delivery deadline should still be met



Program Management – Project Reporting

- Develop project status reported semi-annually (January 1st and July 1st), including:
 - Implementation progress
 - Performance meeting expenditure schedule
- Develop Final Delivery Report within 1 year of project completion, detailing:
 - Scope completed compared with proposal
 - Before and after photo documentation
 - Final costs by component and fund type, compared to proposal
 - Actual duration compared with expenditure schedule
 - Performance outcomes and benefits from project



Questions?

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