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
Program Guidance

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)

<table>
<thead>
<tr>
<th>Year</th>
<th>Funding Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>43,040,166</td>
</tr>
<tr>
<td>2019</td>
<td>48,420,187</td>
</tr>
<tr>
<td>2020</td>
<td>53,800,208*</td>
</tr>
<tr>
<td>2021</td>
<td>45,000,000*</td>
</tr>
<tr>
<td>2022</td>
<td>45,000,000*</td>
</tr>
</tbody>
</table>

* 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

- Technology Deployment
- Bottleneck Reduction
- Intermodal Accessibility
- Freight Related Safety
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
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

- **GATA Application**
  - Complete a simple application formally requesting the funding

- **Programmatic Risk Assessment**
  - Answer program specific questionnaire on Fiscal Controls

- **Notice of State Award (NOSA)**
  - IDOT will provide a NOSA with specific conditions that are identified due to responses of internal control questionnaire and programmatic risk assessment. Local Agency must accept these conditions in order to receive funds.

- **Agreement with IDOT**
  - Project Sponsor will need to enter in agreement with IDOT to conduct 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.
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

<table>
<thead>
<tr>
<th>Areas</th>
<th>Number of Questions</th>
<th>Weights By Application Area</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Bottleneck Reduction</td>
</tr>
<tr>
<td>Bottleneck Reduction Measures</td>
<td>4</td>
<td>50%</td>
</tr>
<tr>
<td>Safety Measures</td>
<td>5</td>
<td>10%</td>
</tr>
<tr>
<td>Intermodal Accessibility</td>
<td>5</td>
<td>10%</td>
</tr>
<tr>
<td>Measures</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technology Development Measures</td>
<td>1</td>
<td>10%</td>
</tr>
<tr>
<td>Crosscutting Measures</td>
<td>6</td>
<td>20%</td>
</tr>
<tr>
<td>Subtotal Score Available</td>
<td></td>
<td>1050</td>
</tr>
</tbody>
</table>
Online Application

Basic Information and Eligibility

Project Scoring Questions

Funding Application Illinois Competitive Freight Program

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 project number, please enter it here. If there is more than one federal project number, separate them by commas.
Your answer

Bottleneck Reduction

Which is the current Truck Travel Time Unreliability measure of traffic affected by the project? (select one) *

- 10,500 or more (95% percentile)
- 5,000 to 10,499 (95-94% 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
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.
Developed user friendly dashboard and google form to streamline application process.
## Project Scoring – Bottleneck Reduction Questions

<table>
<thead>
<tr>
<th>Questions</th>
<th>Suggested Data Source</th>
<th>Requires Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Truck Travel Time Unreliability</td>
<td>Online Dashboard or Own Calculation</td>
<td>No</td>
</tr>
<tr>
<td>Current Hours of Truck Delay</td>
<td>Online Dashboard or Own Calculation</td>
<td>No</td>
</tr>
<tr>
<td>Existing Bottleneck Locations identified in State Freight Plan</td>
<td>Online Dashboard or Own Explanation</td>
<td>No</td>
</tr>
<tr>
<td>Improvement in Truck Travel Time Reliability or Hours of Delay</td>
<td>Qualitative Project Info</td>
<td>No</td>
</tr>
</tbody>
</table>

IDOT Recommends applicants attempt to answer every question.
# Application—Safety Questions

<table>
<thead>
<tr>
<th>Questions</th>
<th>Suggested Data Source</th>
<th>Requires Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Fatality Rate involving Trucks</td>
<td>Online Dashboard</td>
<td>No</td>
</tr>
<tr>
<td>Current Serious Injury Rate involving Trucks</td>
<td>Online Dashboard</td>
<td>No</td>
</tr>
<tr>
<td>Improvements of Safety</td>
<td>Qualitative Project Info</td>
<td>No</td>
</tr>
<tr>
<td>Current Safer Roads Index</td>
<td>Online Dashboard</td>
<td>No</td>
</tr>
<tr>
<td>Additional Truck Parking Spaces</td>
<td>Quantitative Project Info</td>
<td>No</td>
</tr>
</tbody>
</table>

*Safety projects required to complete HSIP Cost-Benefit Analysis before final ranking*
### Application – Intermodal Accessibility Questions

<table>
<thead>
<tr>
<th>Questions</th>
<th>Suggested Data Source</th>
<th>Requires Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increased Freight Volume</td>
<td>Quantitative Project Info</td>
<td>Yes</td>
</tr>
<tr>
<td>Current Facility Truck Gate Count</td>
<td>Quantitative Project Info</td>
<td>No</td>
</tr>
<tr>
<td>Current Hours of Truck Delay</td>
<td>Online Dashboard</td>
<td>No</td>
</tr>
<tr>
<td>Rail or Port Project Highway Relief</td>
<td>Quantitative Project Info</td>
<td>Yes</td>
</tr>
<tr>
<td>Improvement in Truck Travel Time Reliability</td>
<td>Qualitative Project Info</td>
<td>No</td>
</tr>
</tbody>
</table>

*Intermodal Accessibility projects must be within 3 miles of Intermodal Facility*
Application – Technology Deployment Question

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

<table>
<thead>
<tr>
<th>Questions</th>
<th>Suggested Data Source</th>
<th>Requires Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Truck Volume (AADT)</td>
<td>Online Dashboard</td>
<td>Yes</td>
</tr>
<tr>
<td>Truck Percent</td>
<td>Online Dashboard</td>
<td>No</td>
</tr>
<tr>
<td>Interstate Condition Rating Survey (CRS)</td>
<td>Online Dashboard</td>
<td>No</td>
</tr>
<tr>
<td>Non-Interstate Condition Rating Survey (CRS)</td>
<td>Online Dashboard</td>
<td>No</td>
</tr>
<tr>
<td>Material Partnerships</td>
<td>Qualitative Project Info</td>
<td>Yes</td>
</tr>
<tr>
<td>Project Readiness</td>
<td>Qualitative Project Info</td>
<td>Yes</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application period opens</td>
<td>February 16, 2018</td>
</tr>
<tr>
<td>Application Deadline</td>
<td>April 6, 2018 (11:59:59pm CDT)</td>
</tr>
<tr>
<td>ISFAC Reviews Project List</td>
<td>April 23, 2018</td>
</tr>
<tr>
<td>Finalize Rankings</td>
<td>May 7, 2018</td>
</tr>
<tr>
<td>Announce Successful Projects</td>
<td>June 1, 2018</td>
</tr>
</tbody>
</table>
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 1\textsuperscript{st} and July 1\textsuperscript{st}), 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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