Update on Draft
State Freight Plan
Freight Advisory Council | March 25, 2022
Overview

- Required by Infrastructure Investment and Jobs Act
- Immediate and long-range freight planning activities and investments
- Consultation with Freight Advisory Council
- Due July 2022
Content

**Document outline**

- **Introduction & purpose**
  - Goals, vision, and relationship to the state transportation plan

- **System inventory & performance**
  - Mode comparison, system overview, freight network designations, and performance reporting

- **Industries & commodities**
  - Freight-dependent industries, commodity movements, trading partners, and primary supply chains

- **Planning considerations**
  - Prioritized trends and issues

- **Action plan**
  - Prioritized implementation strategies, improvements, performance measures, and Freight Investment Plan
Goals

**SAFETY**

Improve the safety, security, and resilience of the national freight system.

**INFRASTRUCTURE**

Modernize freight infrastructure and operations to grow the economy, increase competitiveness, and improve quality of life.

**INNOVATION**

Prepare for the future by supporting the development of data, technologies, and workforce capabilities that improve freight system performance.
System inventory and performance

• Freight network designations
  – National Multimodal Freight Network
  – Iowa Multimodal Freight Network
  – Strategic military networks

• Performance metrics/measures
  – Condition
  – Utilization
  – Safety
  – Reliability (bottlenecks)
Industries and commodities

- Primary supply chains
- Commodity movement
- Trading partners
## Planning considerations

<table>
<thead>
<tr>
<th>High priority</th>
<th>Medium priority</th>
<th>Lower priority</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding</td>
<td>Human trafficking</td>
<td>Land use</td>
<td>Rural infrastructure</td>
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<tr>
<td>Agriculture</td>
<td>Mississippi River cargo</td>
<td>Energy</td>
<td>Interstate System</td>
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<td>Lock and dams</td>
<td>Manufacturing</td>
<td>Sourcing</td>
<td>Rail crossing safety</td>
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<tr>
<td>Trade</td>
<td>Rail network</td>
<td>Automated trucking</td>
<td>Sustainable investment</td>
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<td>Multimodal</td>
<td>E-commerce</td>
<td>Economics</td>
<td>Container availability</td>
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<td>Safety</td>
<td>Rail cargo</td>
<td>Panama Canal</td>
<td>Pipelines</td>
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<tr>
<td>Resiliency</td>
<td>First mile/last mile</td>
<td>Missouri River cargo</td>
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<td>Truck cargo</td>
<td>Automation</td>
<td>Fuel</td>
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<td>Highway Design</td>
<td>Oversize/overweight</td>
<td>Aviation trends</td>
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<tr>
<td>Regulations</td>
<td>Bio renewables</td>
<td>Air cargo</td>
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<td>Intermodalism</td>
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<td>Coal decline</td>
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<td>Trucking issues</td>
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<tr>
<td>Industry</td>
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## Other considerations
- Human trafficking
- Mississippi River cargo
- Land use
- Manufacturing
- Energy
- Rail network
- Sourcing
- E-commerce
- Automated trucking
- Rail cargo
- Economics
- First mile/last mile
- Panama Canal
- Automation
- Missouri River cargo
- Oversize/overweight
- Fuel
- Bio renewables
- Aviation trends
- Coal decline
- Air cargo
- Container availability
Action plan

- Implementation strategies
  - 19 total prioritized by Freight Advisory Council

- Improvements and investments
  - **Aviation:** two largest commercial airports
  - **Highway:** bottleneck prioritization
  - **Railroad:** rail companies
  - **Waterway:** U.S. Army Corps of Engineers

- Freight Investment Plan
  - National Highway Freight Program funds

### Iowa’s National Highway Freight Program allocation

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Allocation</th>
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<tbody>
<tr>
<td>FY 2016</td>
<td>$14,085,949</td>
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<tr>
<td>FY 2017</td>
<td>$13,386,574</td>
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<tr>
<td>FY 2018</td>
<td>$14,627,929</td>
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<td>FY 2019</td>
<td>$16,511,333</td>
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<td>FY 2020</td>
<td>$18,276,135</td>
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<td>FY 2021</td>
<td>$18,161,883</td>
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<td>FY 2022</td>
<td>$17,043,984</td>
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<td>FY 2023</td>
<td>$17,384,864</td>
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<td>FY 2024</td>
<td>$17,732,561</td>
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<td>FY 2025</td>
<td>$18,087,213</td>
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<td>FY 2026</td>
<td>$18,448,957</td>
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<td><strong>Total</strong></td>
<td><strong>$183,747,382</strong></td>
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Public input period ends April 7th
https://iowadot.gov.iowainmotion

THANK YOU FOR YOUR TIME AND ATTENTION

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