



Illinois 2022
State Freight Plan

Illinois Statewide Freight Plan Update

presented to

Illinois State Freight Advisory Council

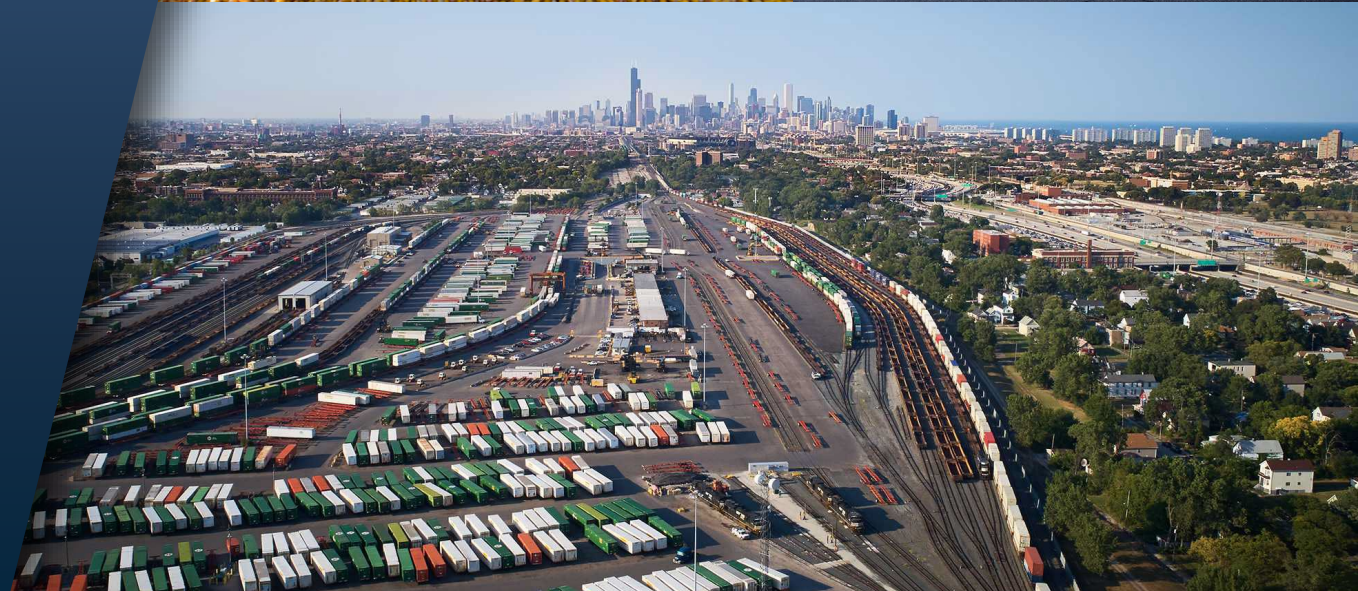
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Cambridge Systematics

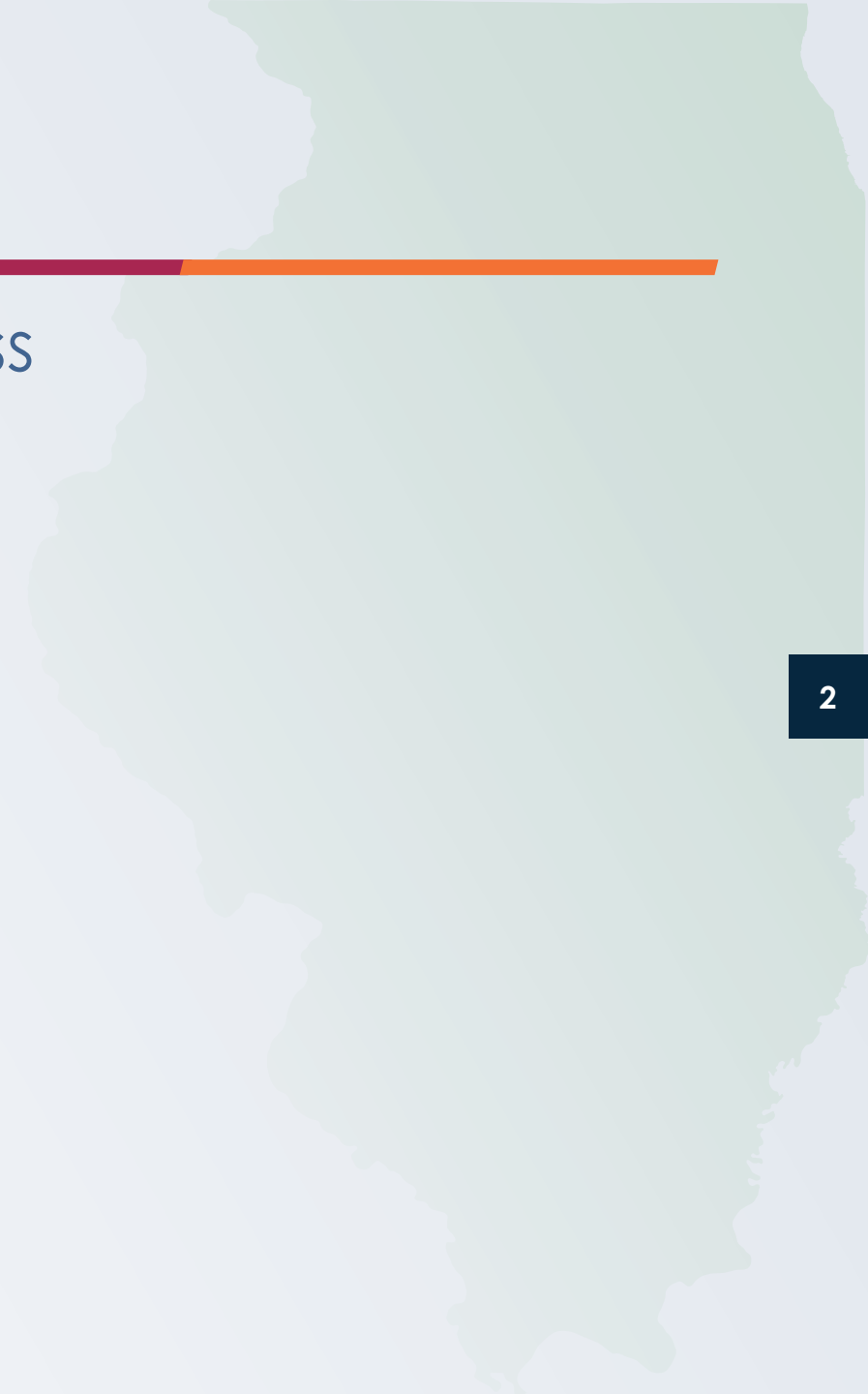
10/4/22



Illinois Department
of Transportation



Agenda



- » Update on 2022 State Freight Plan process
- » Equity Analysis
- » Highway Needs Assessment
- » Freight Strategy and Policy
- » Next Steps

Freight Plan Timeline

	2021		2022				2023
TASK	SUMMER	FALL/WINTER	WINTER	SPRING	SUMMER	FALL/WINTER	WINTER
1. PROJECT MANAGEMENT							
2. STAKEHOLDER ENGAGEMENT (ISFAC Meetings and District Outreach)							
3. REVIEW AND COORDINATION WITH EXISTING PLANS AND DATA ACQUISITION							
4. STATE OF THE SYSTEM							
5. STRATEGIC DIRECTION AND NEEDS AND ISSUES							
6. STRATEGIES PROJECTS AND IMPLEMENTATION							
7. FINAL PLAN AND REPORT (Statewide and District-level Plans)							

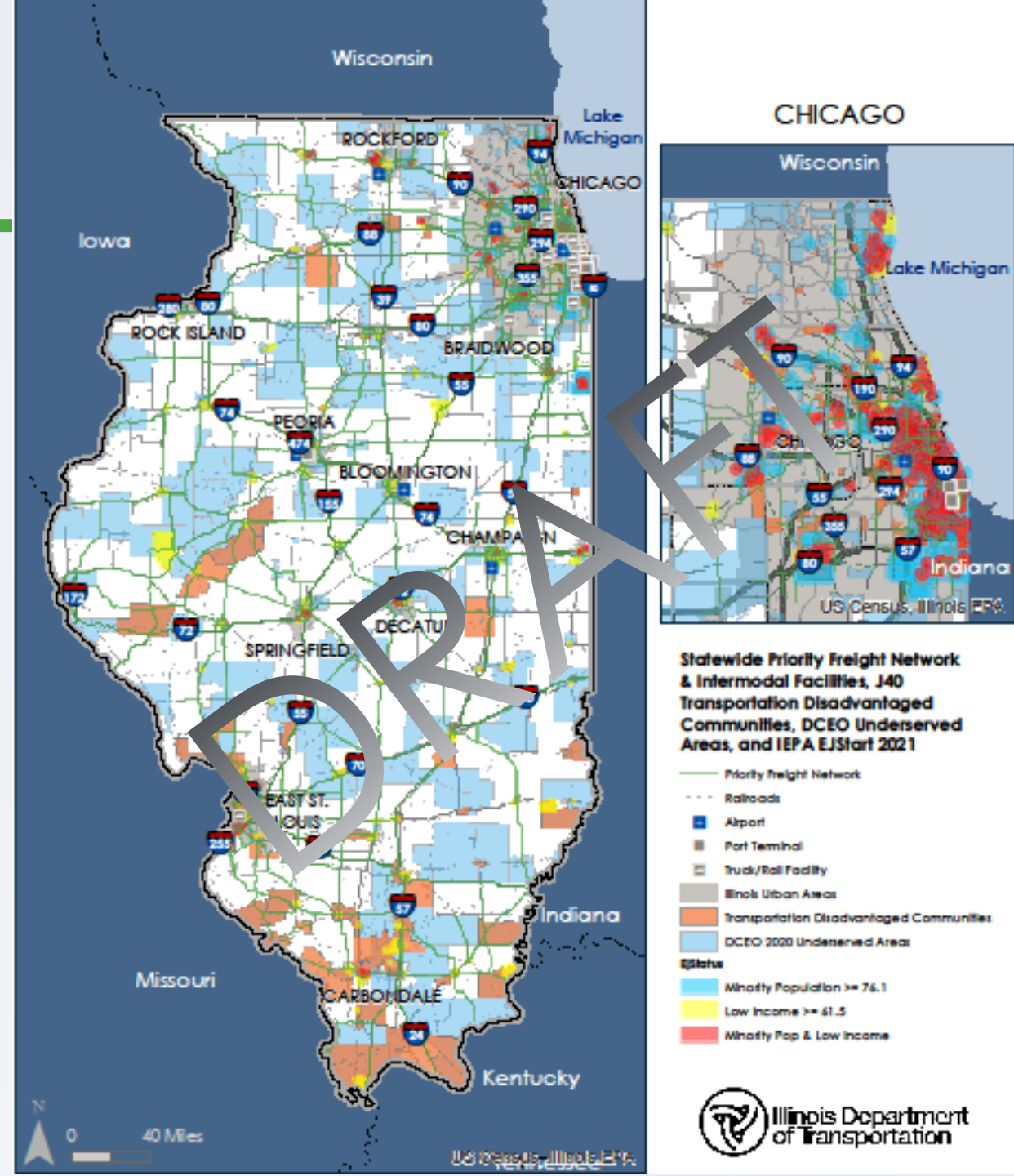
Freight Impacts People and the Environment

» Equity & Environmental Justice Measures

- USDOT Justice 40 Transportation Disadvantaged Communities
 - Transportation Access, Health, Environmental, Economic, Resilience, and Equity
- Illinois Dept. Of Commerce and Economic Opportunity Zones
- Illinois EPA Env. Justice Zones

» Environmental Measures

- Historic Structures
- Wetlands / Hydrological Features / Floodplains
- Soil & Water Quality
- Endangered Species

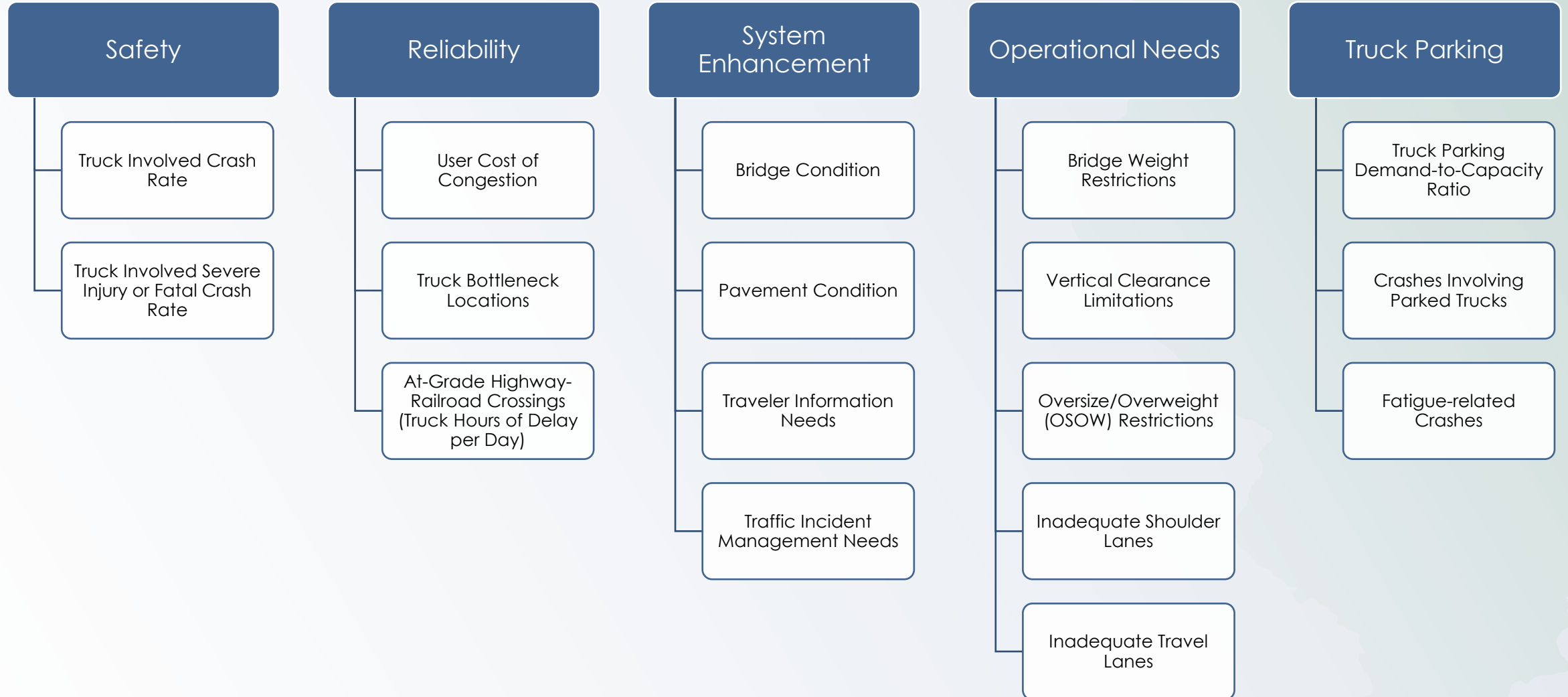


POLLING QUESTIONS

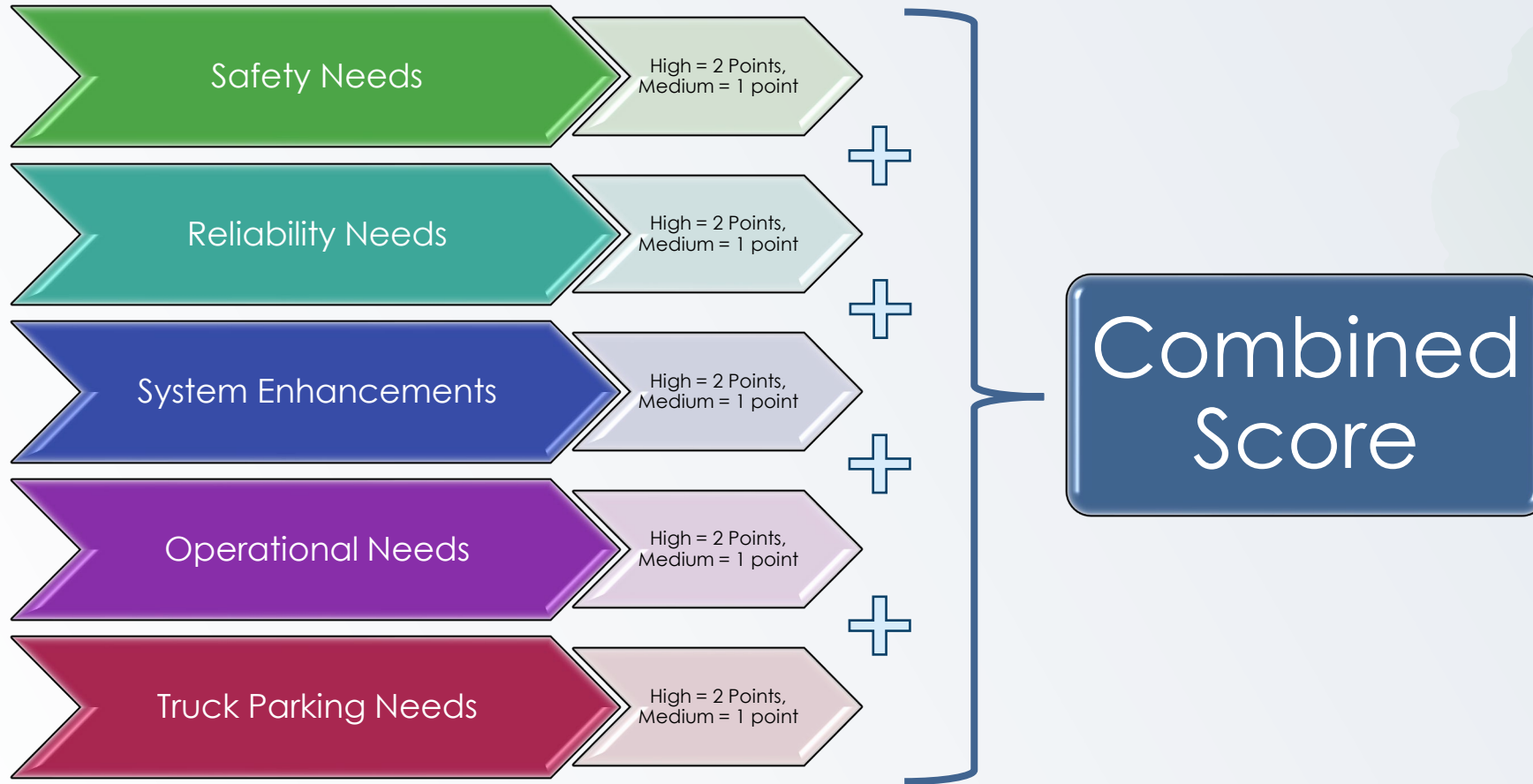


- » How is your business/organization thinking about freight and equity?
 - We are actively considering freight and equity issues
 - We have not considered freight and equity issues
 - Sliding scale
- » How is your business/organization incorporating freight and equity issues into your business practices?
 - Free response
- » How is your business/organization thinking about freight and the environment?
 - We are actively considering freight and environmental issues
 - We have not considered freight and environmental issues
 - Sliding scale
- » How is your business/organization incorporating freight and environmental issues into your business practices?
 - Free response

Highway Needs Assessment Metrics



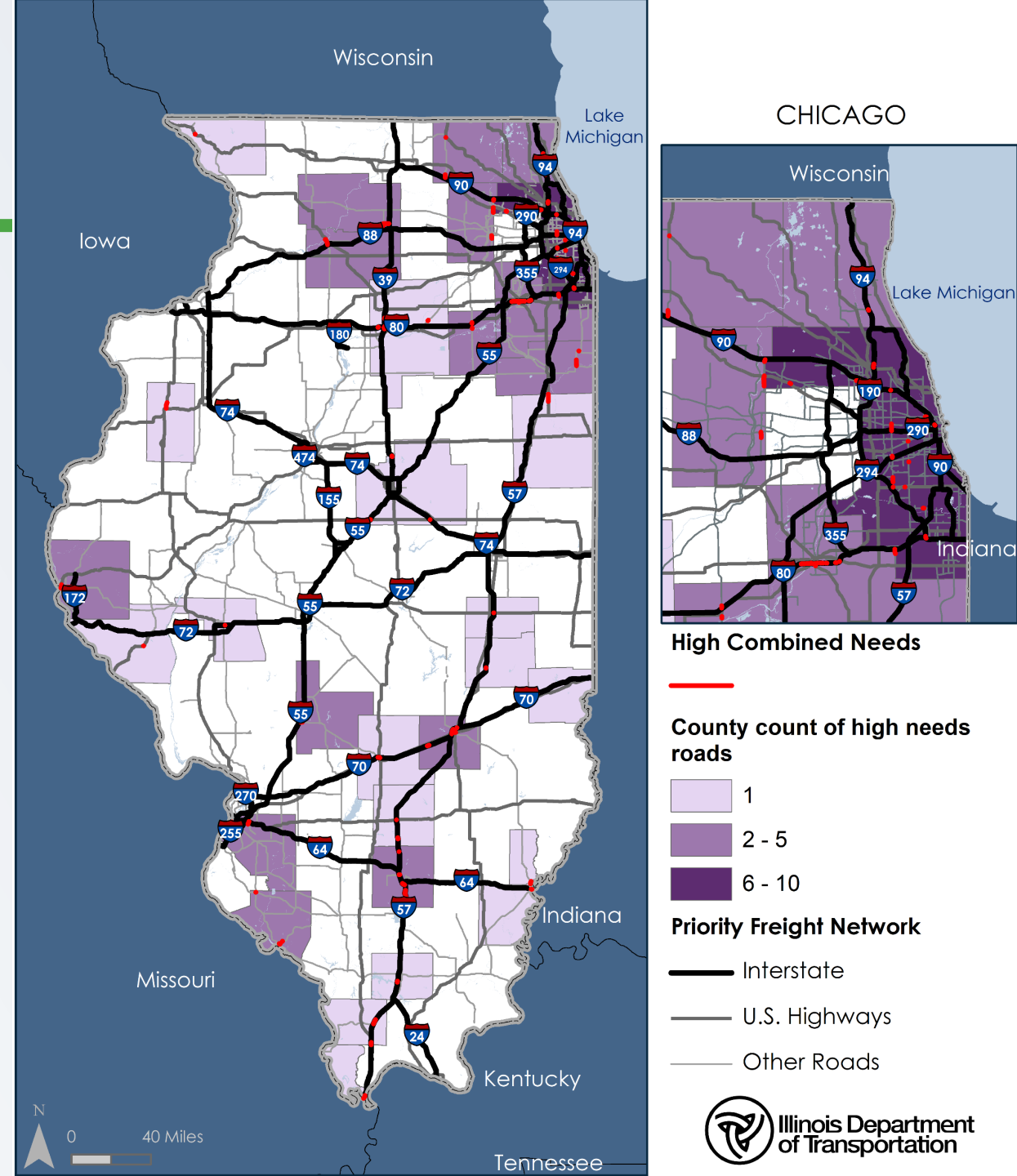
Highway Needs Assessment Scoring Process



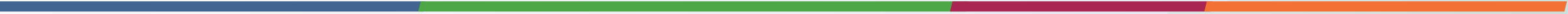
High Needs Segments or “Hot Spots” (Score >=6)	
Interstate	67
Freeway and Expressway	1
Other Principal Arterial	256
Minor Arterial	2
Major Collector	0

Highway Needs Assessment Findings

- » Highway needs identified in every district and every category
- » 49 “Hot Spots” (roadways with high or medium needs in more than 2 categories)
 - 57% of these “hot spots” have safety needs
 - 84% have reliability needs
 - 57% need system enhancements
 - 41% have operational needs
 - 10% need truck parking
- » Counties with the most “hot spots”:
 - Cook County (10 roads)
 - Adams County (5 roads)
 - Kane County (5 roads)
 - Effingham County (4 roads)
 - Will County (3 roads)



POLLING QUESTION



- » If you had \$1.00 to spend on highway freight investments, how would you allocate it between the five need categories?
 - *Question will allow users to allocate percentages of a dollar between the five categories*

Draft Policy and Strategy Synthesis



System Infrastructure

» Reliability

- Addressing bottlenecks and non-recurring congestion
- Accommodating the e-commerce economy

» Accessibility

- Improving access to multimodal nodes
- Designing infrastructure to accommodate emerging technologies (e.g. autonomous vehicles)

» Capacity

- Ensuring equipment availability
- Providing alternative, multimodal shipping options
- Mitigating conflicting demands on the shared system

» System Condition

- Preserving and upgrading infrastructure

Draft Policy and Strategy Synthesis

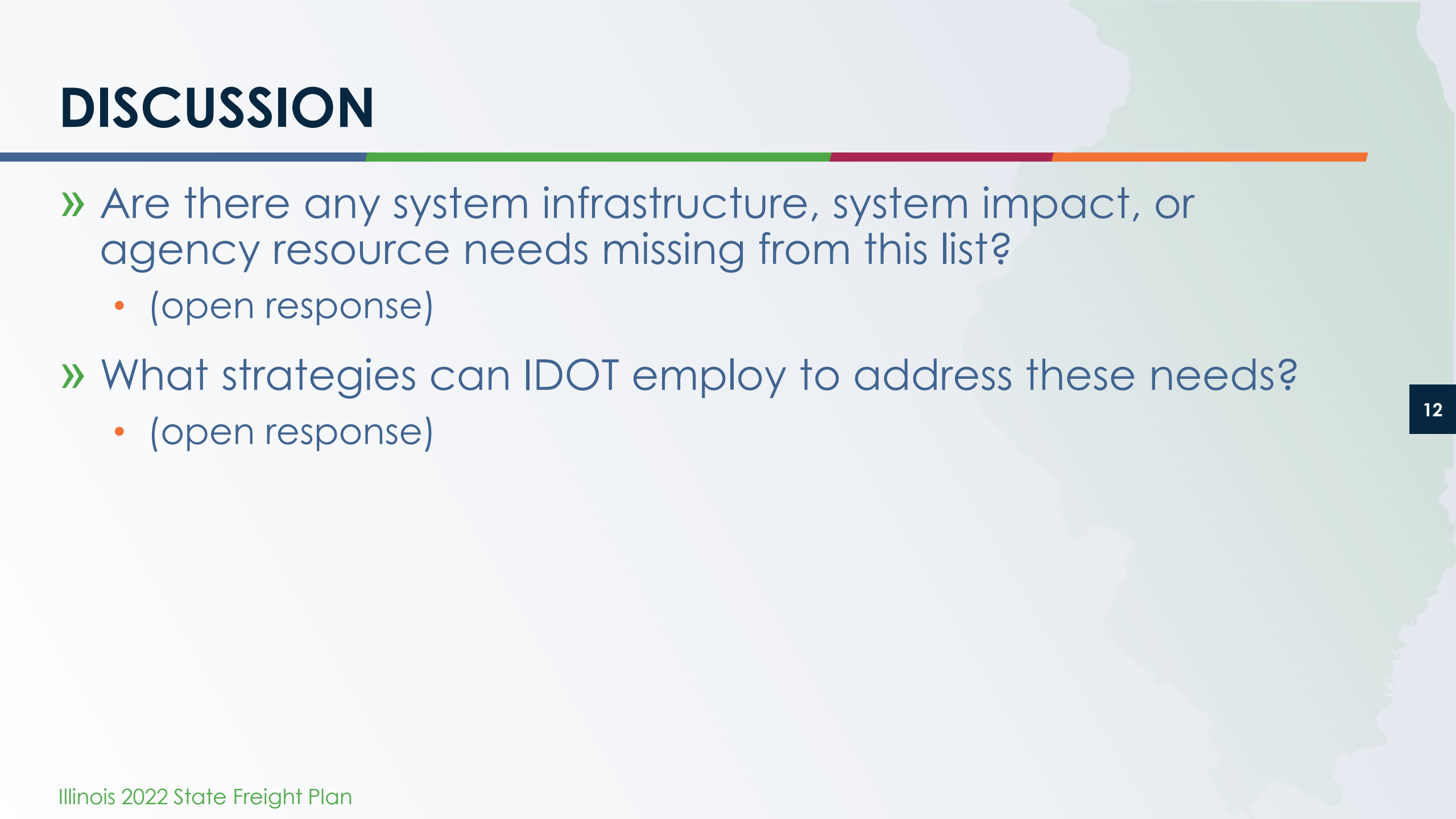
System Impacts

- » Sustainability
 - Minimizing environmental impacts of freight
- » Community
 - Improving community livability in areas impacted by freight
- » Resiliency
 - Reducing impacts of natural, manmade and technology disasters/disruptions
 - Planning to respond, recover and rebuild after a disruption
- » Safety
 - Minimizing shared system risks
 - Minimizing hazmat transportation risks
 - Reducing operator risks

Agency Resources

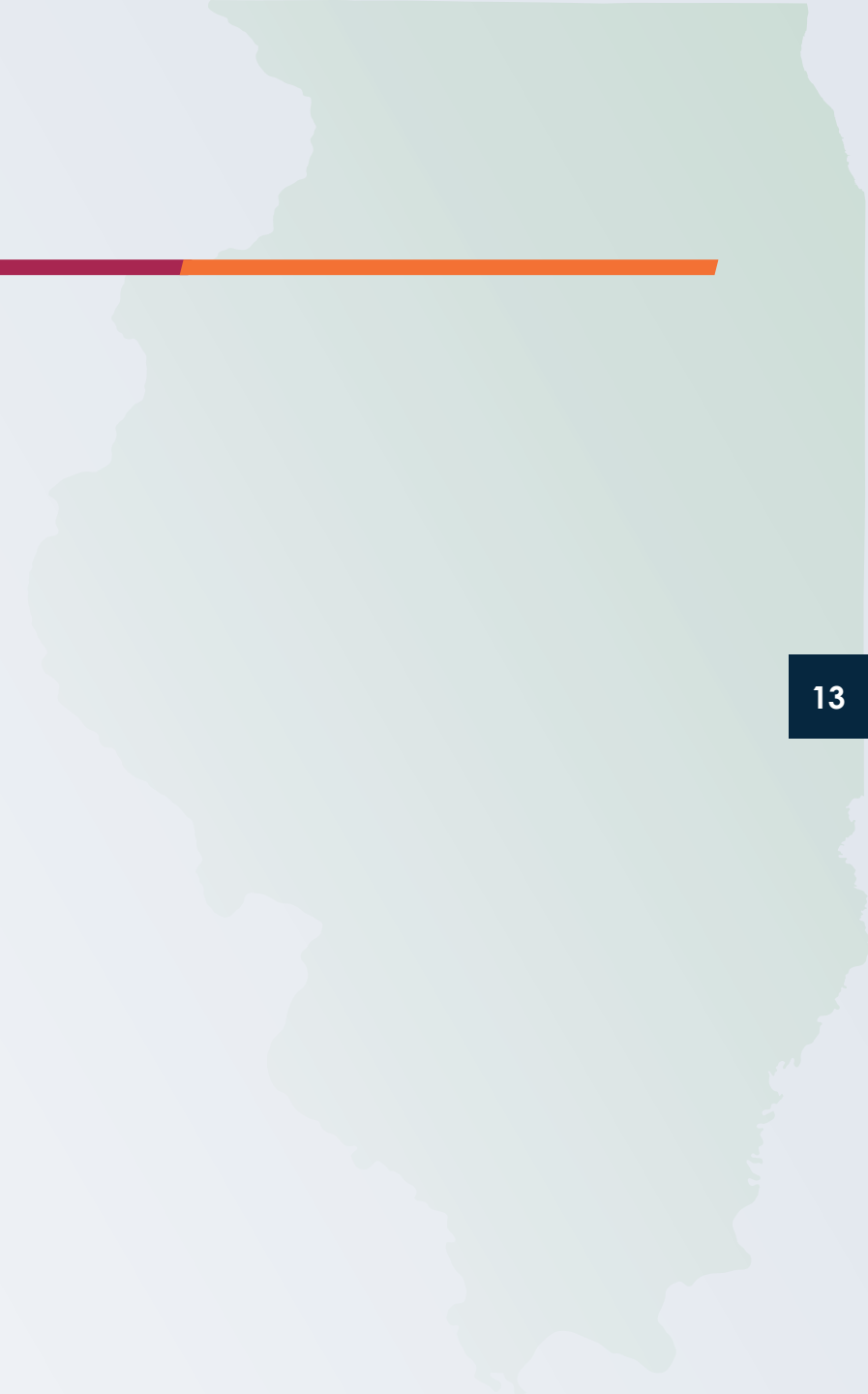
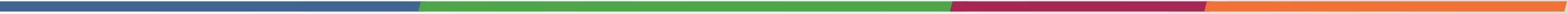
- » Funding
 - Providing stable, dedicated, predictable and meaningful funding for freight
 - Maximizing and leveraging Federal and private investment
- » Workforce
 - Reducing workforce shortages and turnover
 - Training / preparing workers for emerging technologies
- » Technology
 - Understanding impacts to freight system
 - Enhancing available data and data standards
 - Addressing data security

DISCUSSION



- » Are there any system infrastructure, system impact, or agency resource needs missing from this list?
 - (open response)
- » What strategies can IDOT employ to address these needs?
 - (open response)

Next Steps



- » District Freight Forums (Round 2)
- » IDOT Competitive Freight Program
- » State Freight Plan Draft
- » District Freight Plans and County Profiles