



Illinois 2022
State Freight Plan

Illinois Statewide Freight Plan Update

presented to

Illinois State Freight Advisory Council

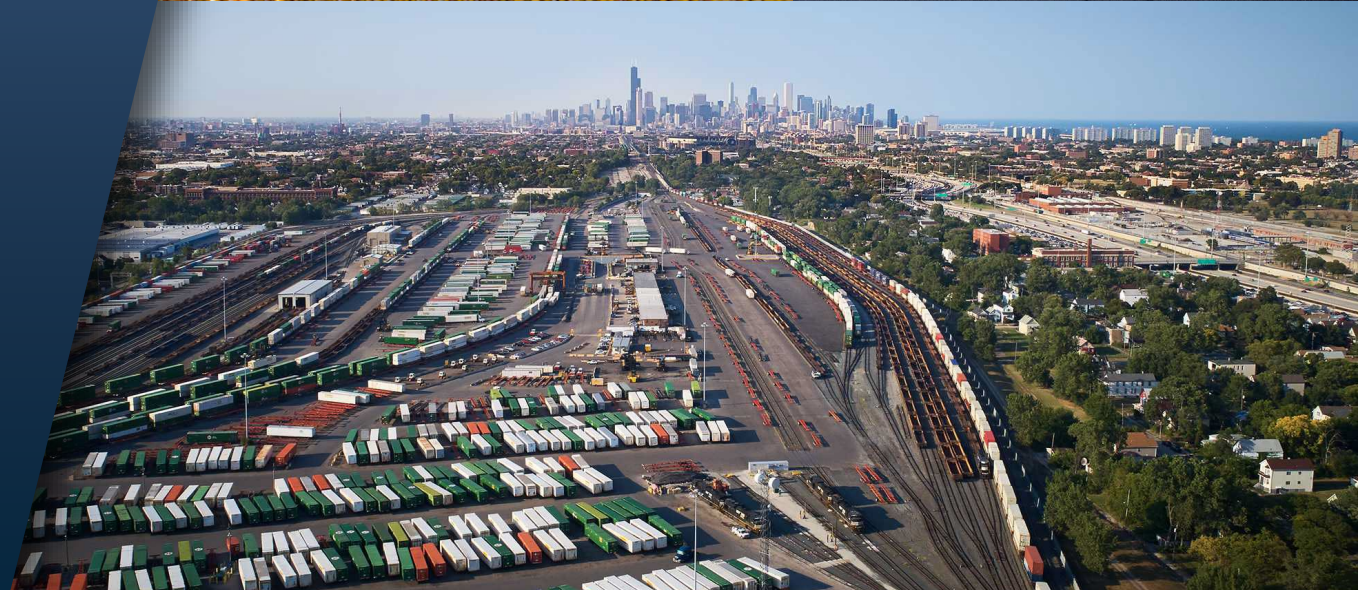
presented by

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

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

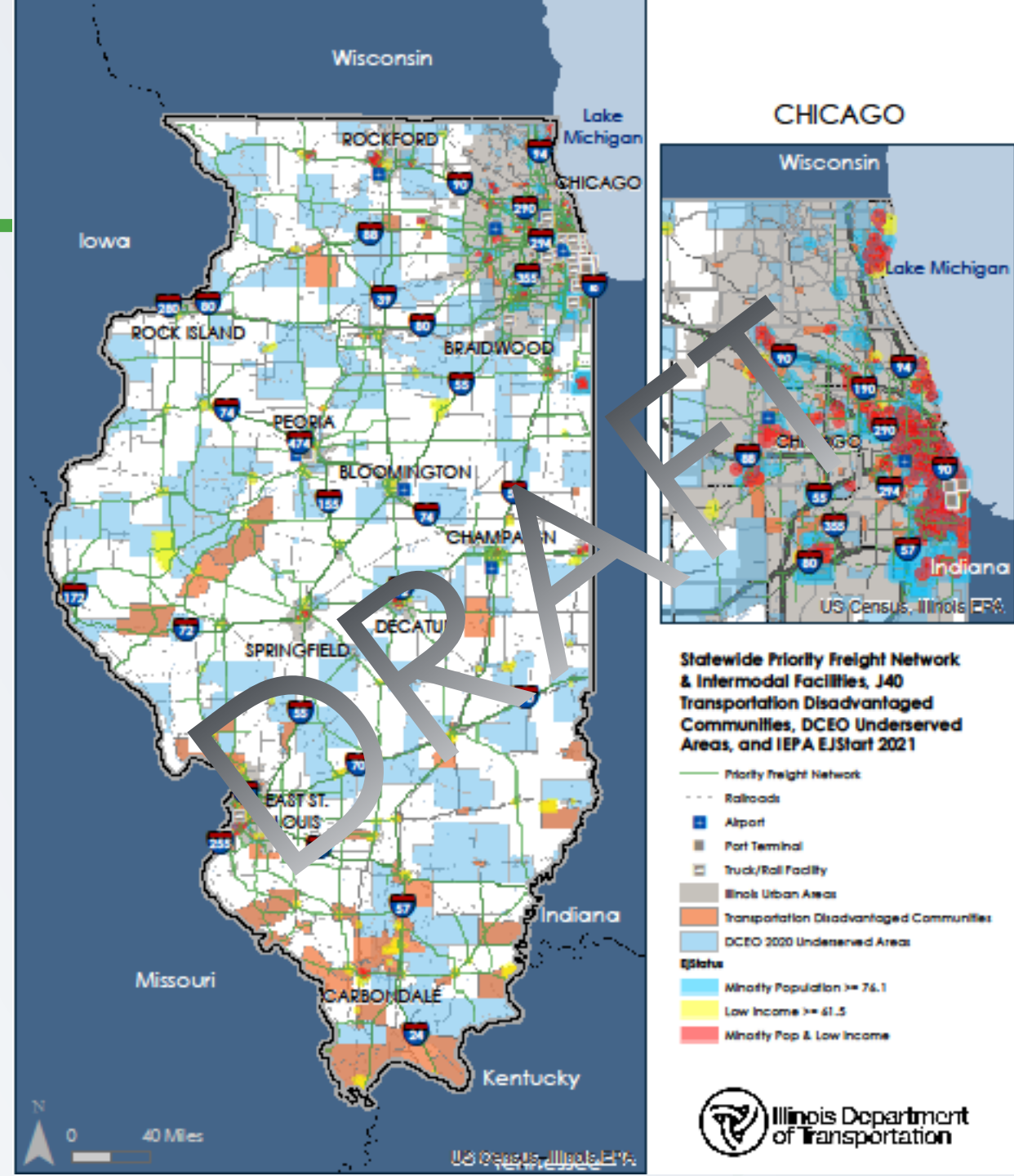
Freight Impacts People and the Environment

» 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

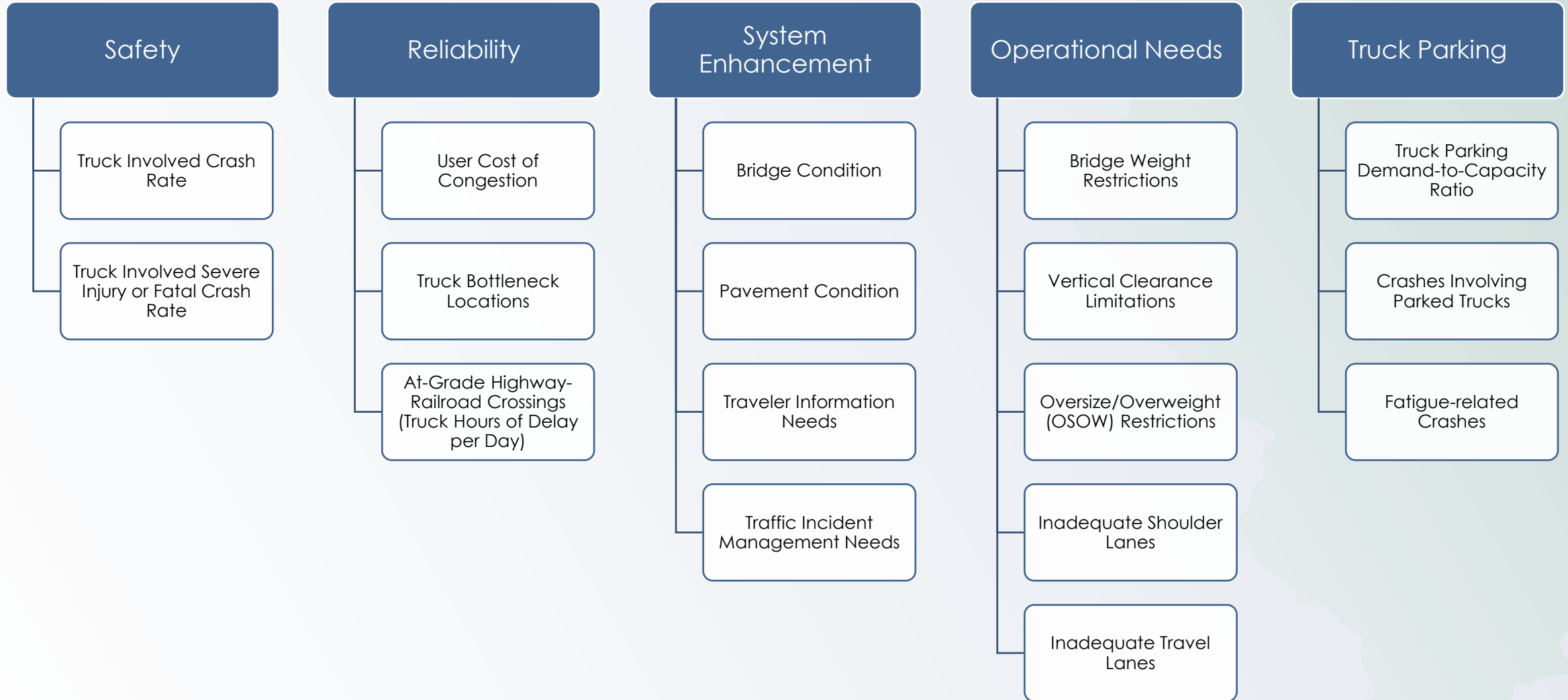


POLLING QUESTIONS

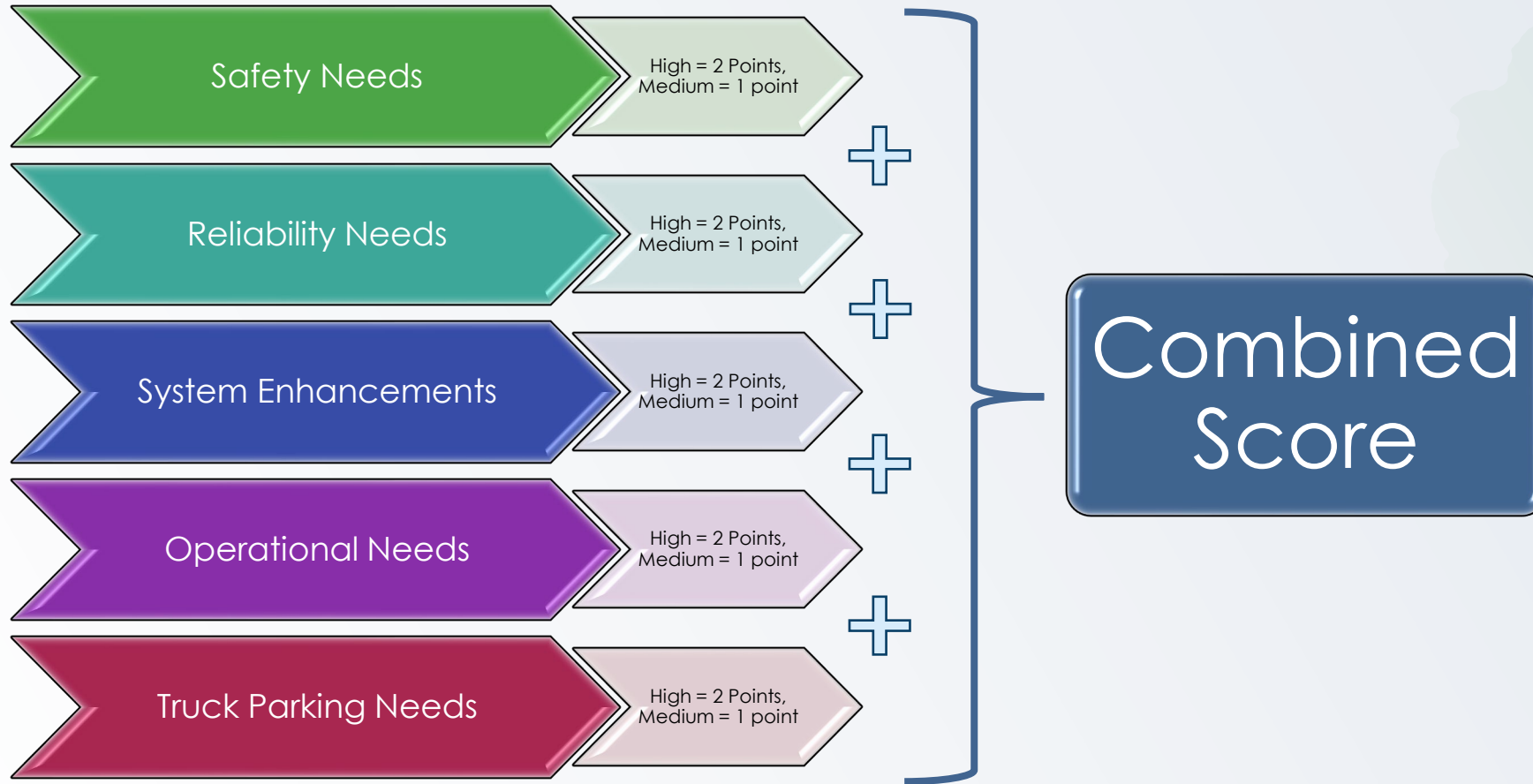


- » How is your business/organization thinking about freight and equity?
 - We are actively considering freight and equity issues
 - We have not considered freight and equity issues
 - Sliding scale
- » How is your business/organization incorporating freight and equity issues into your business practices?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



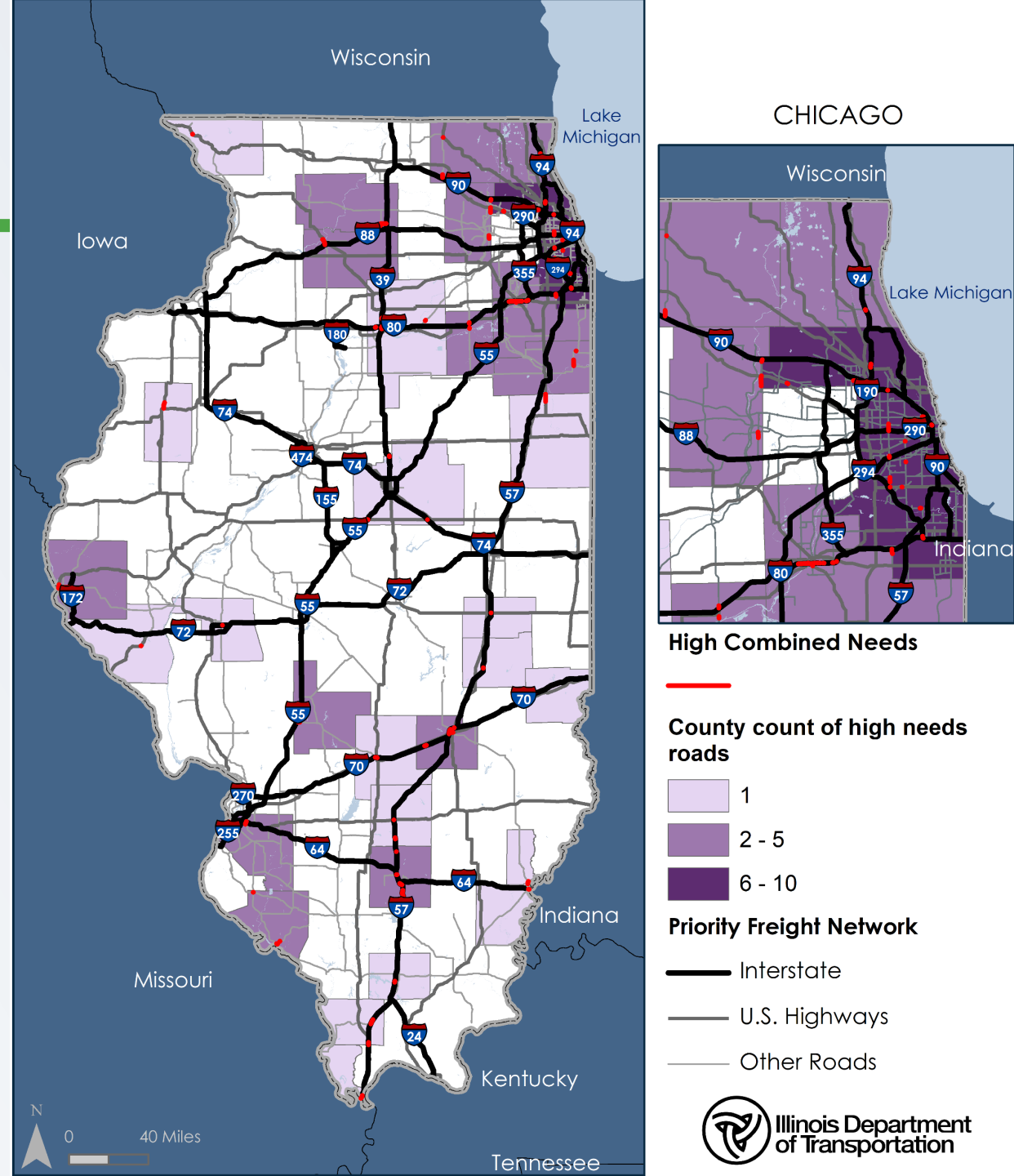
Highway Needs Assessment Scoring Process



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