

State Transportation Plan & State Freight Plan 2022 Updates

MPO/RPA Quarterly Meeting
June 23, 2021



Agenda

- SLRTP update
 - Public survey summary
 - Critical analyses timeline
- SFP update
 - Freight networks

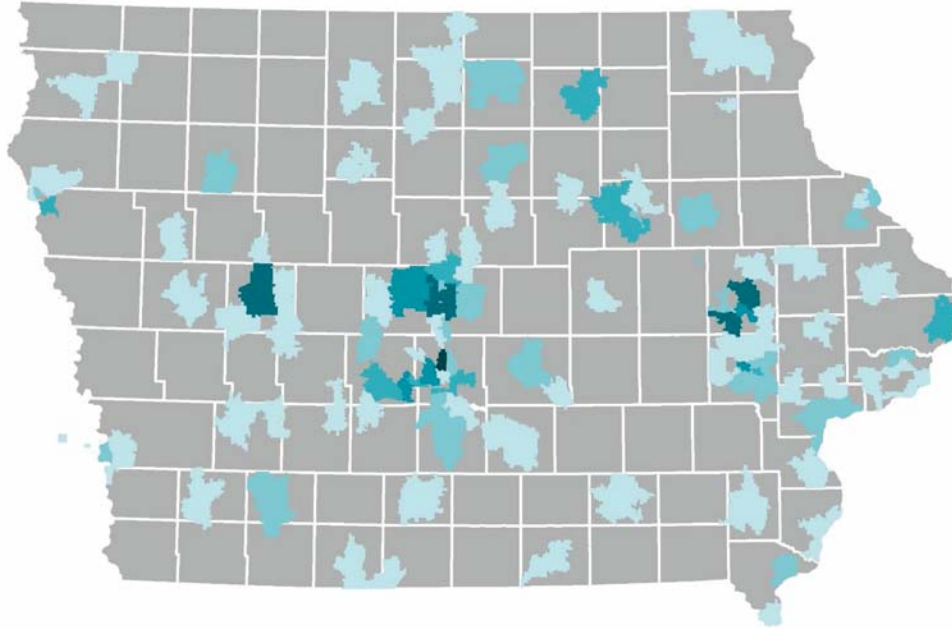
Long Range Transportation Plan **Public survey summary**



Public input survey

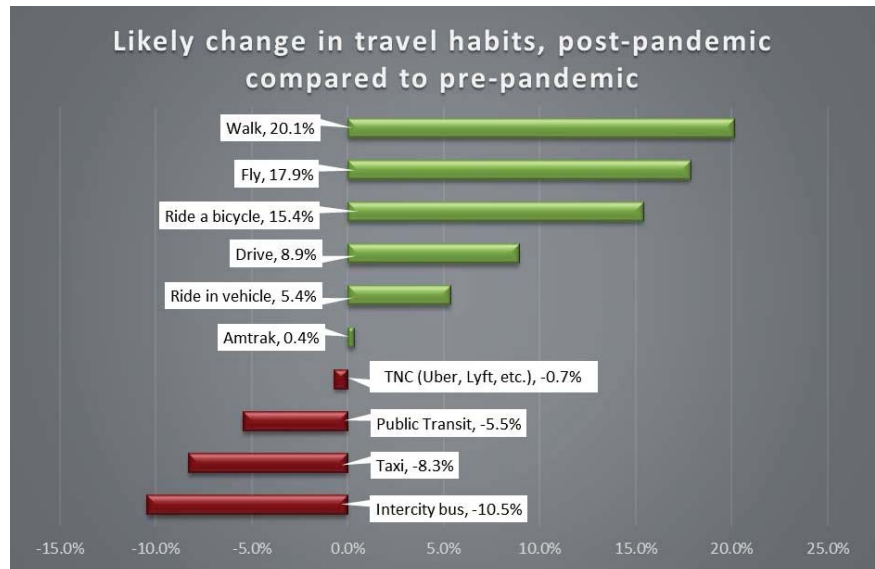
- Was available May 19 – June 8
- Advertised through press release, social media, and extensive stakeholder distribution
- 281 responses
- Good geographic coverage, but limited media coverage and general participation
- Results still provide good feedback; considering options for conducting another similar survey

Responses by zip code

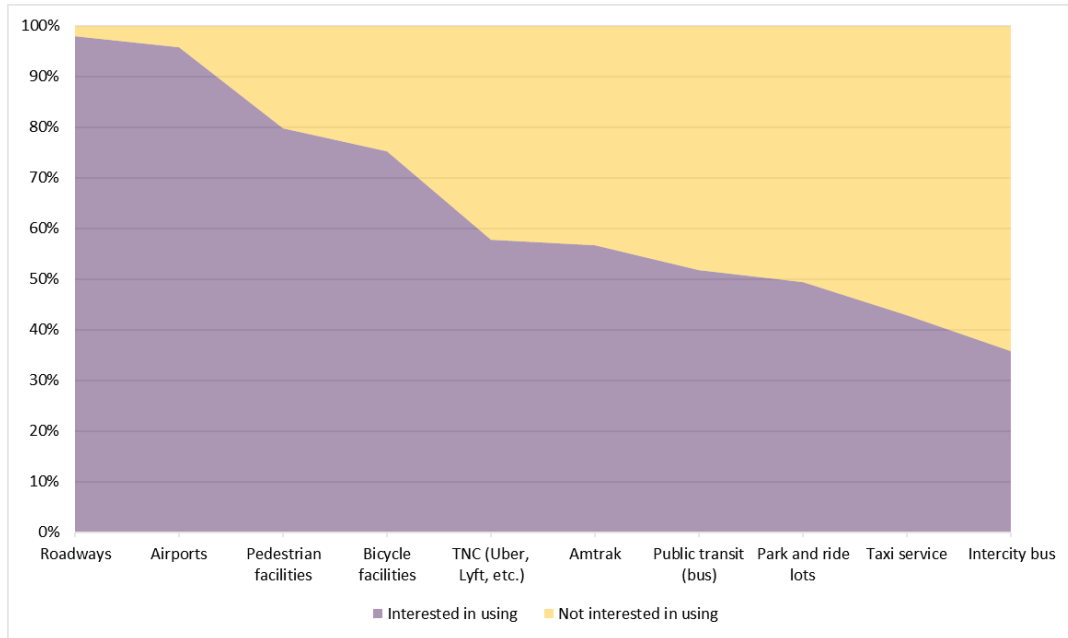


COVID-19 impacts

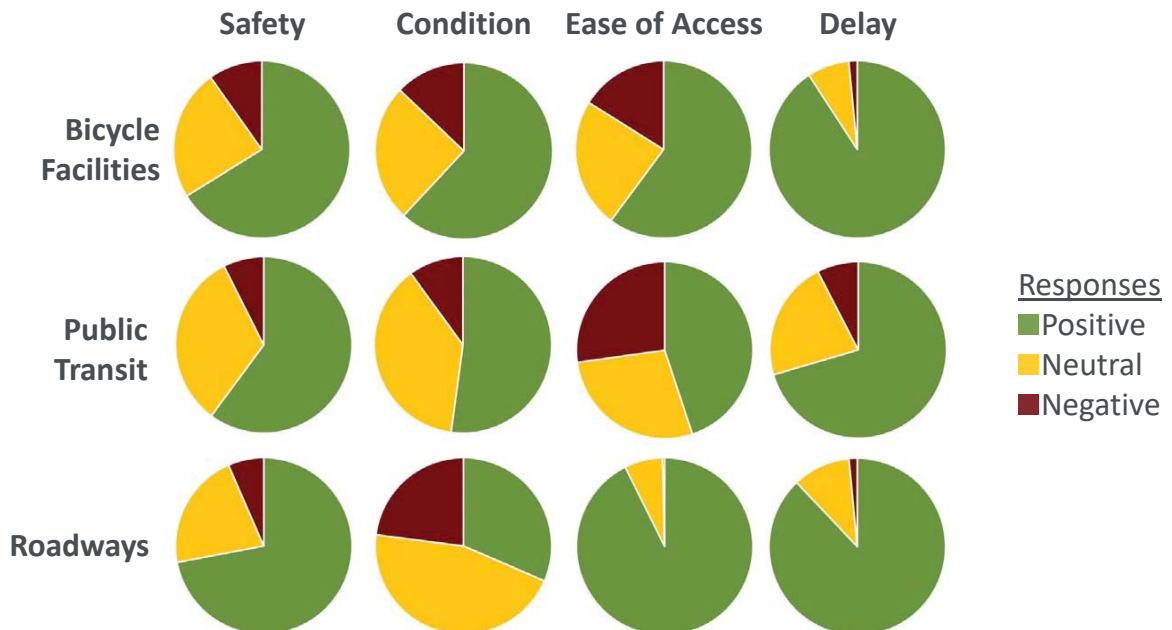
- Changes in travel modes
- Increase in home deliveries
- Increase in working from home



Level of interest in using mode/infrastructure



System objectives: example of differences among modes, which may help inform strategies



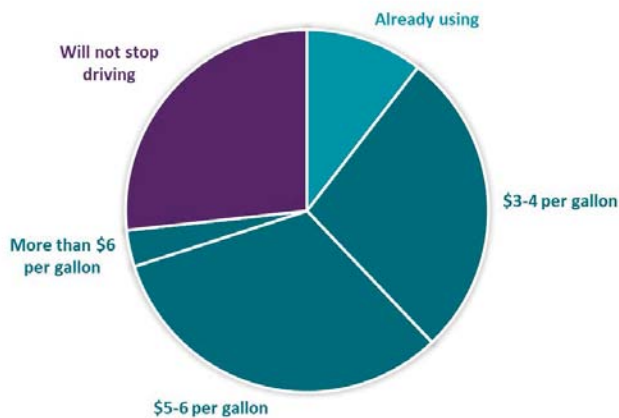
System objectives

- Modes/infrastructure ranked by percent of positive responses

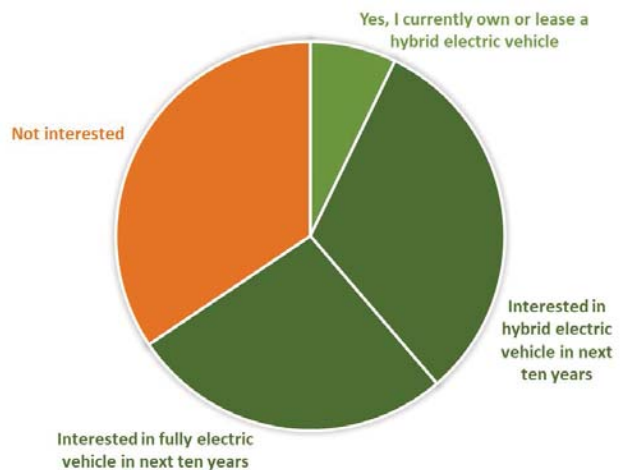
	Safety	Condition	Accessibility	Delay	Average
Airports	1	1	2	7	2.75
Pedestrian facilities	3	4	3	1	2.75
Bicycle facilities	4	2	4	2	3
Roadways	2	8	1	3	3.5
TNC (Uber, Lyft, etc.)	8	3	5	5	5.25
Public transit (bus)	6	5	7	6	6
Park and ride lots	7	6	8	4	6.25
Amtrak	5	7	10	10	8
Taxi service	10	9	6	9	8.5
Intercity bus	9	10	9	8	9

Fuel prices and electric vehicles

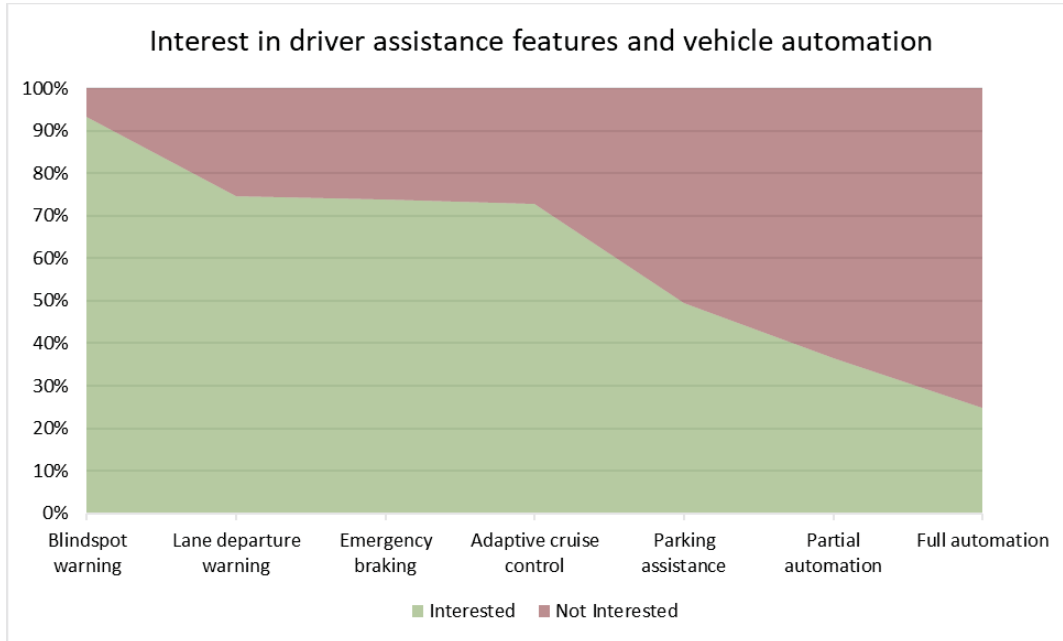
If the price of fuel increased substantially, at what point would you start exploring alternative modes of transportation instead of driving?



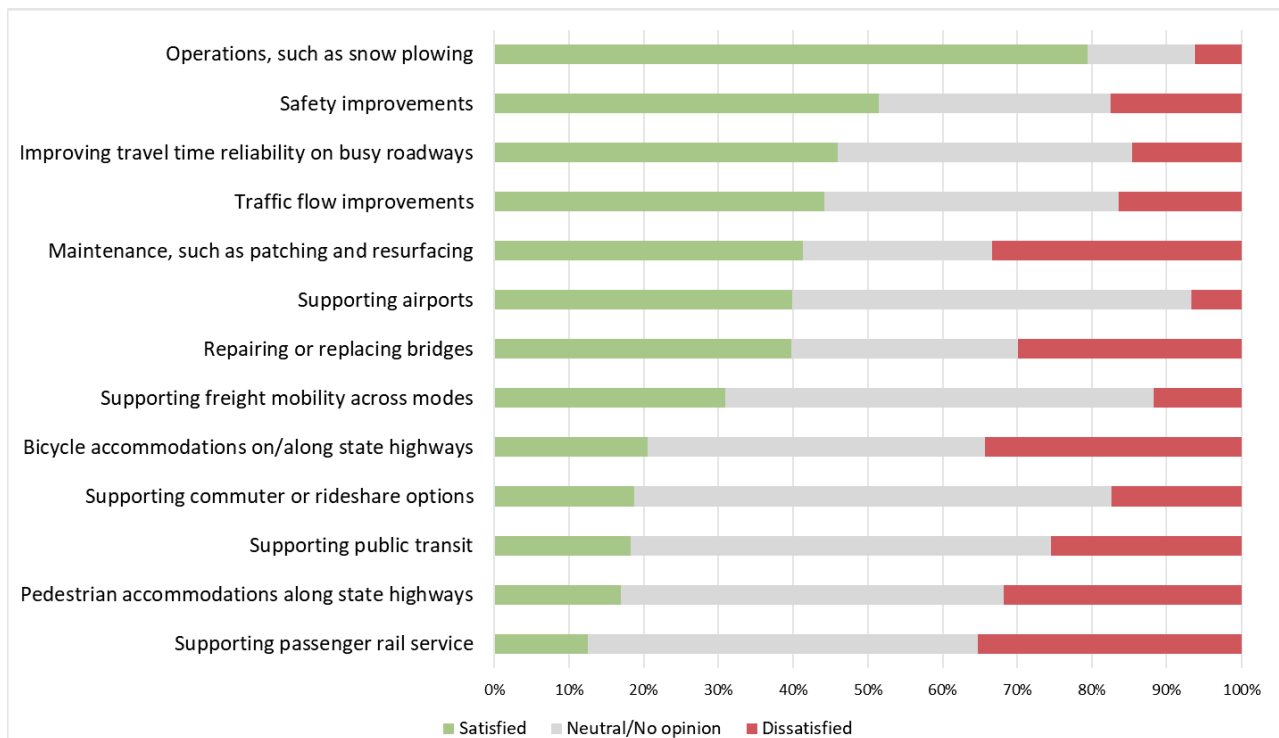
Do you own or are you interesting in purchasing an electric vehicle?



Future technology options



Satisfaction with Iowa DOT



Long Range Transportation Plan Critical analyses timeline



Critical analyses timeline

- Infrastructure condition analysis (ICE) – complete
- Operations analysis (ICE-OPS) – complete
- Freight network updates – complete
- Bottlenecks analysis (INRIX) – complete
- Capacity analysis (iTRAM) – July
- Safety analysis – late summer
- Resiliency analysis – late summer
- Modal systems analysis – ongoing
- *Accessibility/equity analysis – TBD*



QUESTIONS?



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State Freight Plan Freight Networks

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Multimodal networks

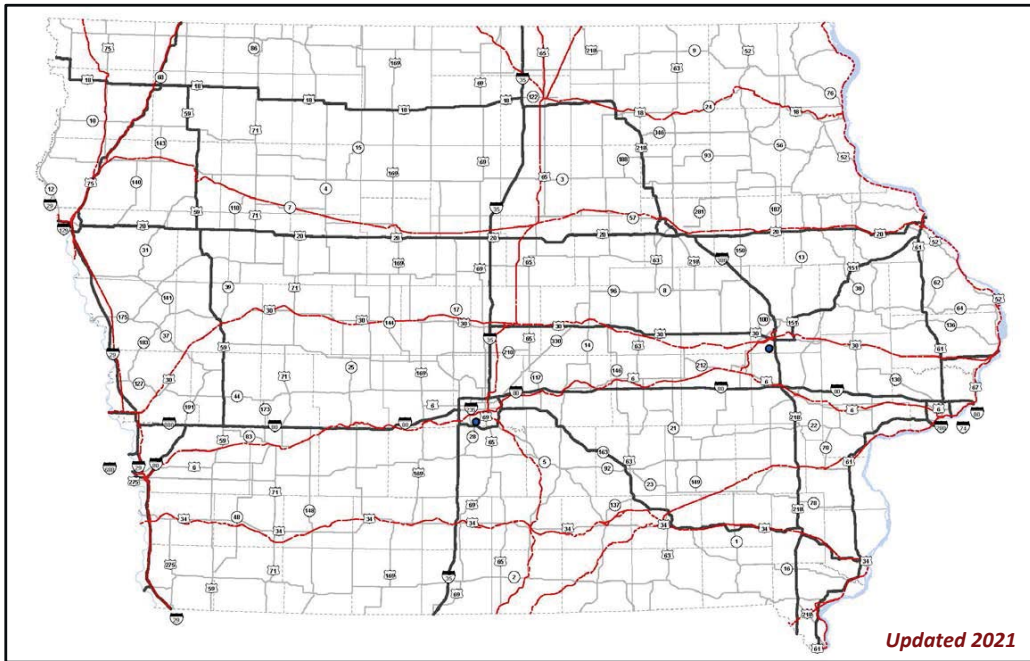
- Objective
 - Designate freight network locations to protect and enhance for improved freight mobility
- Methodology and components
 - Iowa Multimodal Freight Network
 - National Multimodal Freight Network
- Next steps

Iowa Multimodal Freight Network

AIR	Top cargo airports
HIGHWAY	Truck traffic <i>(30% truck traffic* or 1,000 AADT*)</i> Oversize/overweight permitted loads <i>(1,000 permits annually*)</i>
RAIL	Tonnage per line <i>(5 million tons per mile*)</i>
WATERWAY	Marine highways

**based on a multiyear average*

Iowa Multimodal Freight Network

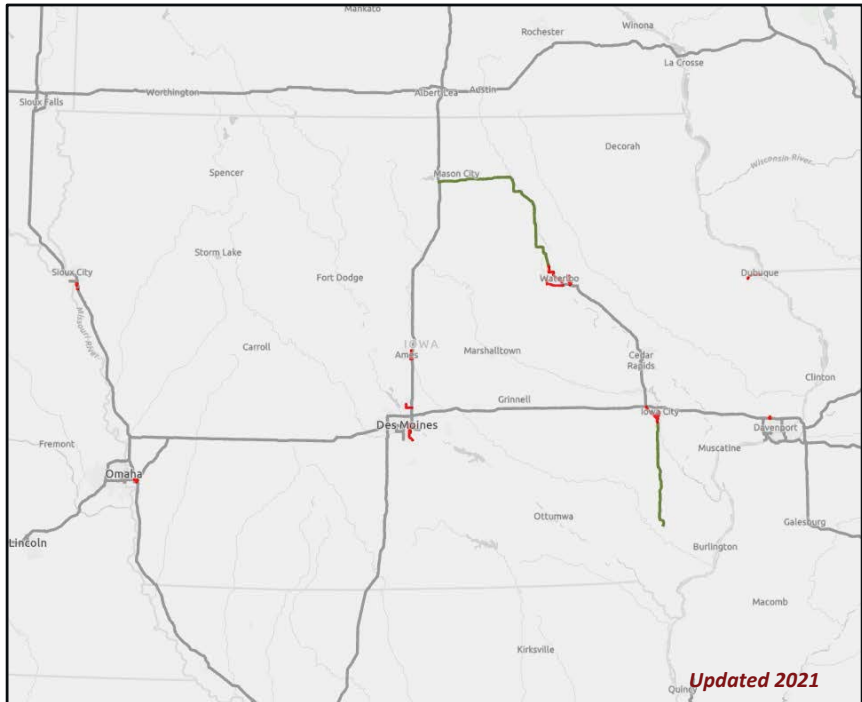


National Multimodal Freight Network

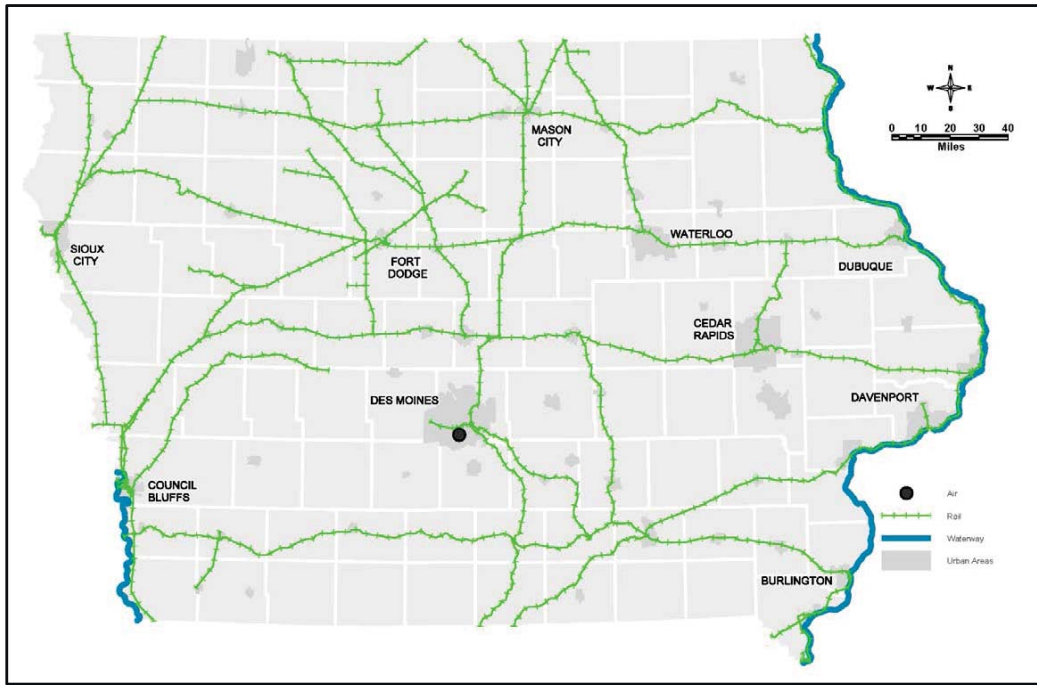
AIR	Top 50 cargo airports
HIGHWAY	National Highway Freight Network <i>(Primary Highway Freight System, Interstates, Critical Rural and Urban Freight Corridors)</i>
RAIL	Class I railroads Other strategic Class II and III railroads
WATERWAY	Major coastal ports Inland and intercoastal waterways Great Lakes, St. Lawrence Seaway Coastal and ocean routes

National Multimodal Freight Network - highway

- CRITICAL URBAN FREIGHT CORRIDORS**
- SIMPCO**
Patton St (I-29 to Blvd of Champions)
Aviation Blvd (I-29 to Discovery Blvd)
 - MAPA**
S. Expressway, 23rd, 29th (I-29/80 to Bartlett Grain)
IA 92, H. Langdon Blvd (I-29 to Intermodal Yard)
 - AAMPO**
13th, Dayton (I-35 to Old Bloomington)
Dayton (US 30 to 13th)
US 30, Dayton, 18th (I-35 to Mannatts)
 - DMAMPO**
US 69, Maury, 15th, MLK (I-235 to DSM Transload)
IA 160, State (I-35 to John Deere DSM Works)
 - INRCOG**
US 218 (I-380 to Waterloo boundary)
Plaza, Dubuque, Elk Run (I-380 to Newell)
US 20, IA 58 (I-380 to Greenhill)
 - CORRIDOR**
US 30 (C St SW to Edgewood)
Wright Bros Blvd (I-380 to Cessna)
 - MPOJC**
US 218 (I-80 to Poweshiek)
Old Hwy 218 (US 218 to Gringer Ag)
IA 1, US 6, Gilbert, Court (US 218 to Front)
 - ECIA**
US 20 (IL to Swiss Valley Rd)
 - BISTATE**
IA 130, Hillandale, Enterprise (I-80 to Transload)



National Multimodal Freight Network - nonhighway



Next steps

- Submit formal request to FHWA for CUFC/CRFC designations
- Utilize for design considerations, implementation strategies, improvements, prioritization, etc.



THANK YOU FOR YOUR TIME AND ATTENTION



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