

# Welcome

## THE PURPOSE OF THIS MEETING IS TO:

- Introduce you to the details of the Iowa State Rail and State Freight Plans.
- Answer your questions and receive comments.



# Rail Transportation and Freight Systems

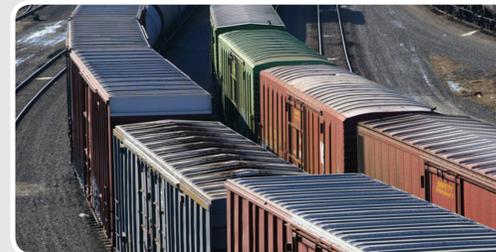
## RAIL TRANSPORTATION INCLUDES:

- Freight Rail
- Passenger Rail



## FREIGHT SYSTEMS INCLUDES:

- Air
- Highway
- Pipeline
- Railroad
- Waterway

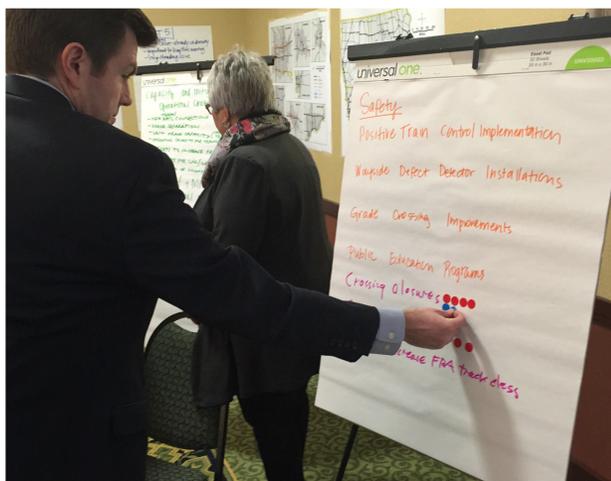
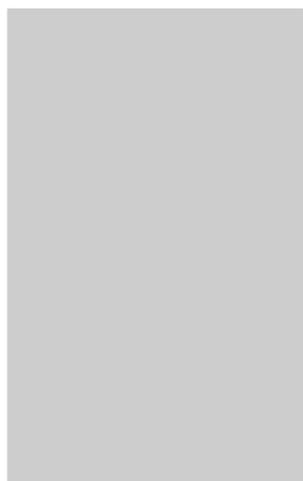


# Introduction to Stakeholders

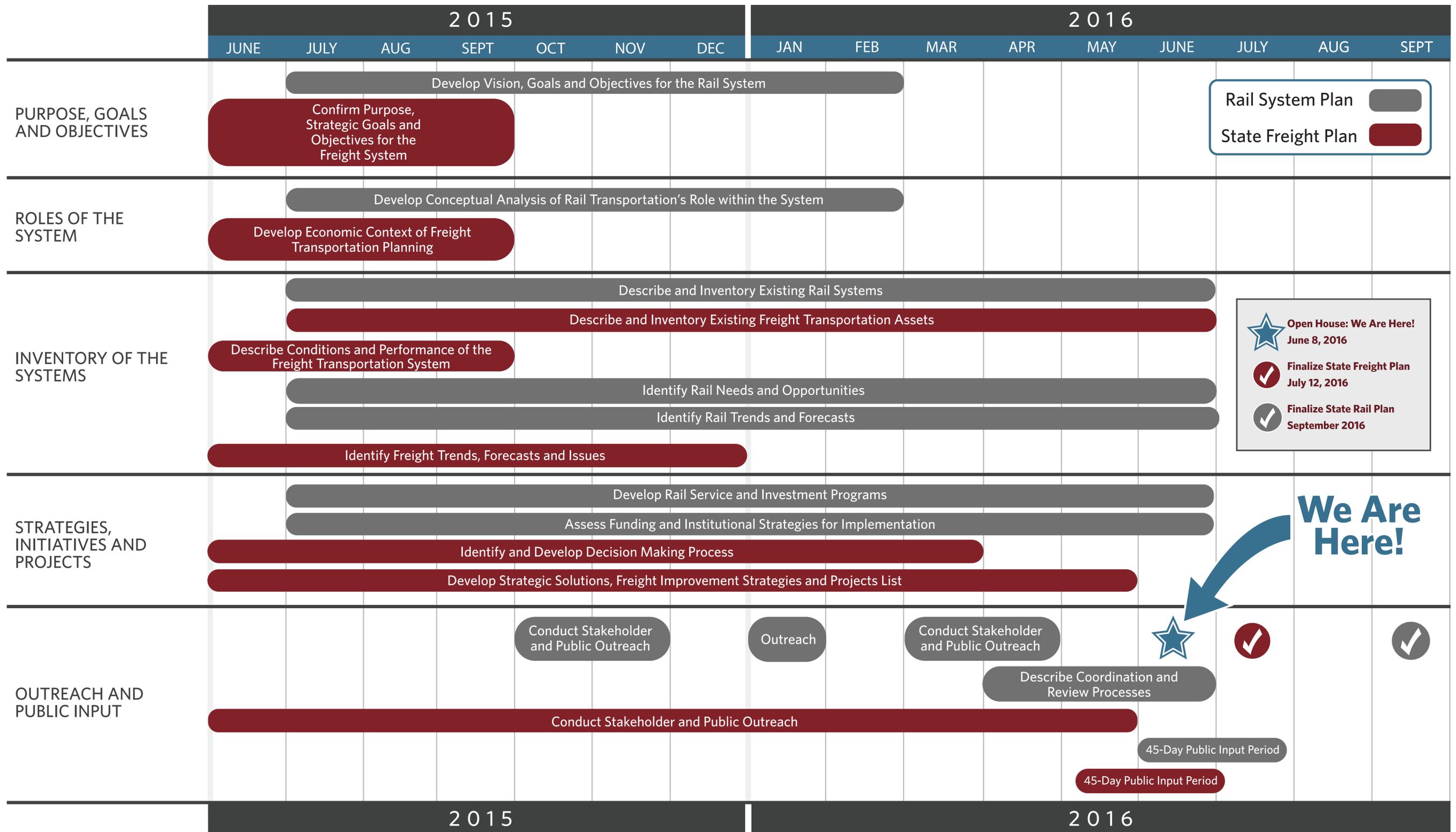
## WHO ARE THE STAKEHOLDERS?

- Freight railroads
- Passenger railroads (Amtrak)
- Public agencies
- Advocacy organizations
- Neighboring states
- Local, state, and regional officials
- General public
- Freight industry representatives

***Stakeholders represent audiences that are integral to achieving the project objectives and goals.***



# State Rail Plan and State Freight Plan Development Schedule



# Introduction to the Iowa State Rail Plan

## THE STATE RAIL PLAN:

- Will actively engage railroads and freight and passenger rail stakeholders.
- Will identify the needs and opportunities of the state's passenger and freight rail network.
- Will identify and prioritize potential capital investments in projects and studies to address these needs and concerns.

## STATE RAIL PLAN PURPOSE:

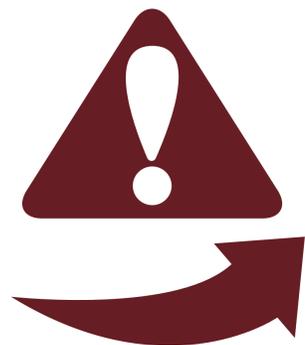
To serve as a statewide, long-range planning document, fully integrated with other state planning initiatives.

## STATE RAIL PLAN VISION STATEMENT:

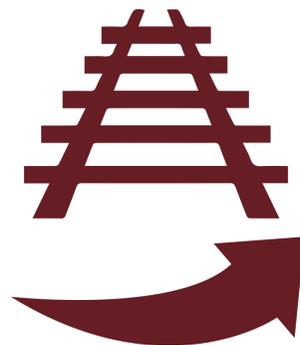
A safe, secure, and efficient Iowa rail system that ensures Iowa's economic competitiveness and development by maintaining the rail infrastructure and providing rail access and connectivity for people and goods in an environmentally sustainable manner.



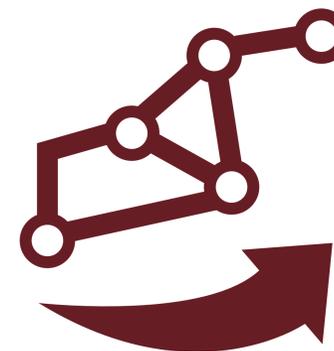
# State Rail Plan: Draft Goals



**Enhance the safety  
and security of the  
rail system**



**Maintain the rail  
infrastructure**



**Provide access  
and connectivity**



**Improve  
efficiency**



**Ensure economic  
competitiveness and  
development**



**Sustain the  
environment**



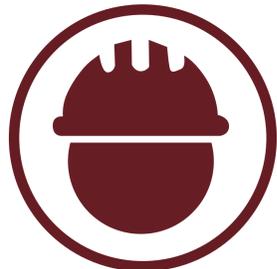
# State Rail Plan: Federal Railroad Administration (FRA) Guidance



**Stakeholder engagement**



**Identify proposed rail improvements**



**Safe, efficient, convenient freight  
and passenger rail transportation**



**Economic development**

SECTION 303  
OF PRIIA



SUPPORTS NATIONAL  
FREIGHT GOALS



# State Rail Plan: What We Have Heard

Stakeholder coordination and public outreach recognized the needs and opportunities for:

- Enhanced access to the state's rail network for freight shippers/receivers.
- Improvements to infrastructure and the capacity, safety, and efficiency of the state's rail network.
- Economic development.
- Environmental sustainability.
- Enhancement of existing passenger rail services and development of new passenger rail services in the state.



# State Rail Plan: Capital Investments and Projects

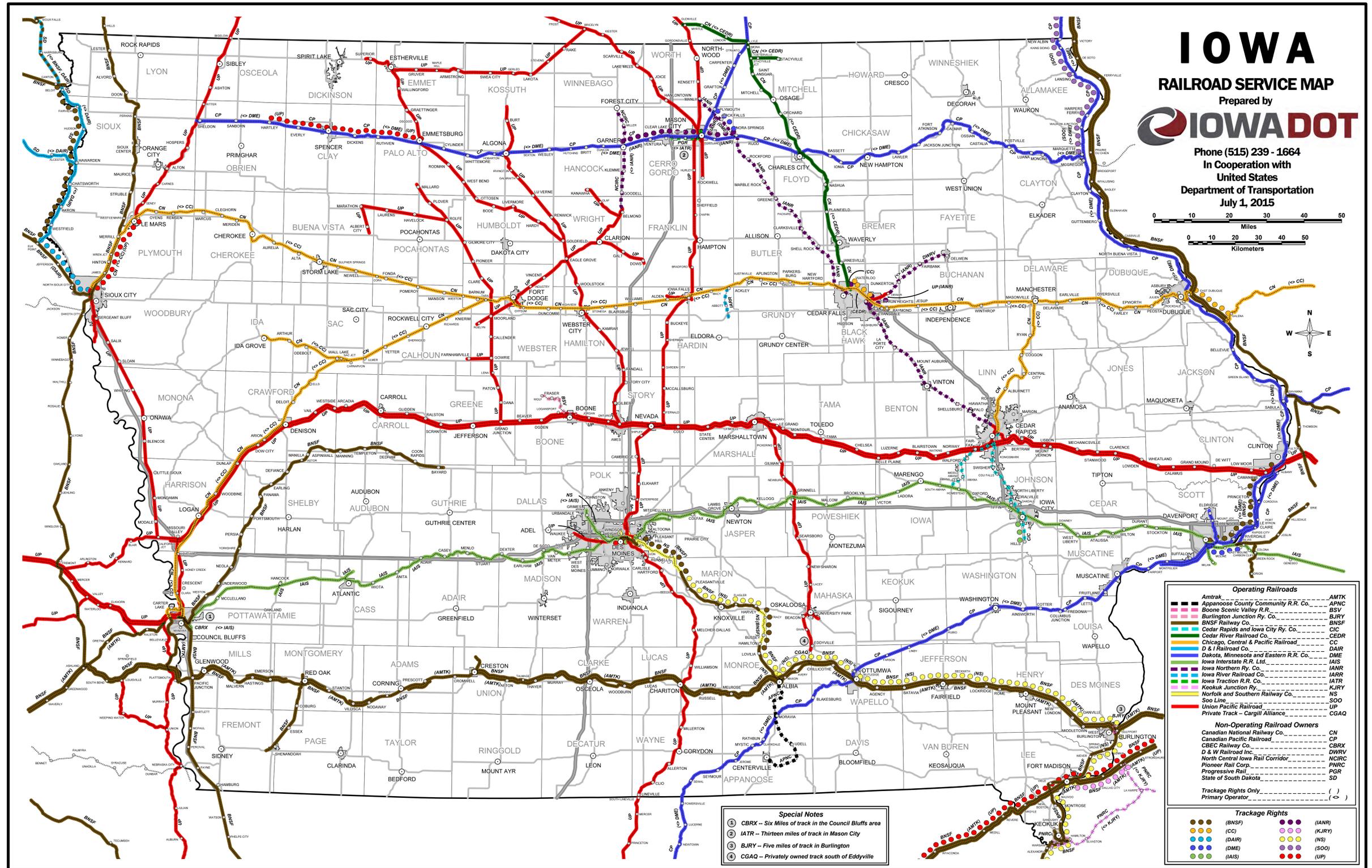
Potential future capital projects and studies have been identified and prioritized for **short-range** (1-4 years) or **long-range** (5-21 years) implementation in the Rail Service and Investment Plan developed for the State Rail Plan.

The proposed projects generally focus on:

- Increased rail capacity, efficiency, and safety through infrastructure investments.
- Enhanced and new rail access for Iowa's shippers/receivers.
- Reduction or elimination of major freight bottlenecks.
- Passenger rail improvements that increase passenger safety, preserve and enhance existing services and facilities, and potentially expand service to new intercity corridors.



# Railroad Service Map



# State Rail Plan: Proposed Short-Range Projects and Studies

## PASSENGER RAIL PROJECTS AND STUDIES

Iowa DOT's proposed short-range passenger rail projects and studies (Year 1 through Year 4) are aimed at:

- Improving existing intercity passenger rail services.
- Identifying the potential for implementation of additional passenger rail and connecting bus services on new intercity corridors.
- Further study of the potential for commuter rail implementation.

## FREIGHT RAIL PROJECTS AND STUDIES

During the four-year short-range program period, the proposed freight rail projects mostly entail making improvements to the capacity and rail access on the state rail network. These include enhancement of:

- Existing rail access or development of new rail access for shippers/receivers (transload, intermodal facilities, industrial spurs).
- Enhancements to the capacity and safety of the state's rail network.
- Improvements to track infrastructure.



# State Rail Plan: Proposed Long-Range Projects and Studies

## PASSENGER RAIL PROJECTS AND STUDIES

For the long-range program (Year 5 through Year 21), projects previously identified in the short-range program will be further advanced toward implementation pending confirmation of construction and economic feasibility.

Proposed projects include:

- Improvements to stations and facilities at existing Amtrak stations in Iowa.
- Implementation of intercity passenger rail services on new corridors.
- Implementation of commuter rail service.

Proposed studies include additional studies for passenger and commuter rail services in the state.

## FREIGHT RAIL PROJECTS AND STUDIES

Projects proposed for public funding beyond the four-year short-range program period will be subject to funding availability as well as further analysis as to their viability and relative benefits to costs. The objective of most of the long-range projects will be to:

- Improve the capacity, efficiency, and safety of the state's railroads (particularly in yards and congested terminal areas).
- Enhance rail access by expanding or constructing transload and intermodal facilities.
- Upgrade or replace major river bridges.
- Improve flood mitigation measures.



# Introduction to the Iowa State Freight Plan

## THE STATE FREIGHT PLAN:

- Will outline freight planning activities that will achieve the objective for Iowa to provide a safe, efficient, and convenient freight transportation system to Iowans and those traveling through Iowa.
- Will guide Iowa DOT's investment decisions to maintain and improve the freight transportation system, and ultimately strengthen the state's economy and raise the quality of life for its citizens.

## IOWA FREIGHT PLAN PURPOSE

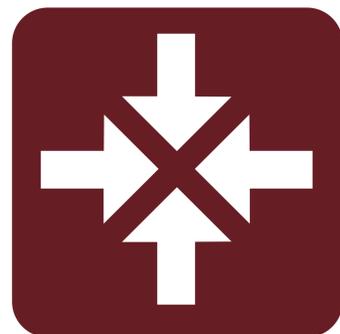
The primary purpose of the State Freight Plan is to serve as a statewide long-range freight planning document, fully integrated with other state planning initiatives.



# State Freight Plan: Goals



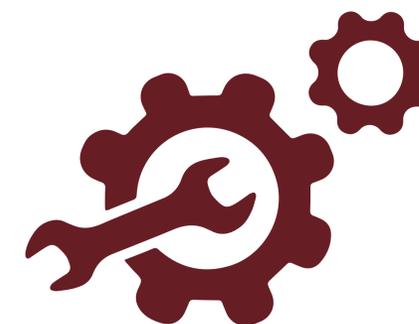
**Improve contribution  
of freight system**



**Reduce  
congestion**



**Improve safety,  
security and resiliency**



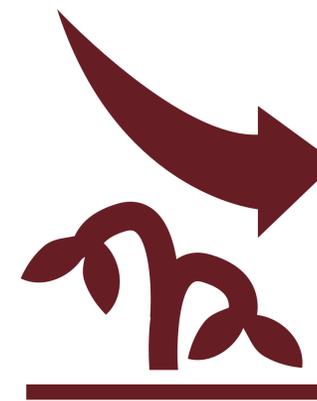
**Improve state of  
good repair**



**Use advanced  
technology, innovation  
and competition**



**Use performance  
management and  
accountability**



**Reduce adverse  
environmental and  
community impacts**



# State Freight Plan: Federal Guidance

The State Freight Plan will support the National Freight Goals as defined by federal guidelines.

EACH STATE IS ENCOURAGED TO:

-  Establish a freight advisory committee composed of a representative cross-section of public- and private-sector freight stakeholders.
-  Develop a comprehensive plan for its immediate and long-range freight-related planning and investments.

The Iowa DOT has met these two federal requirements.

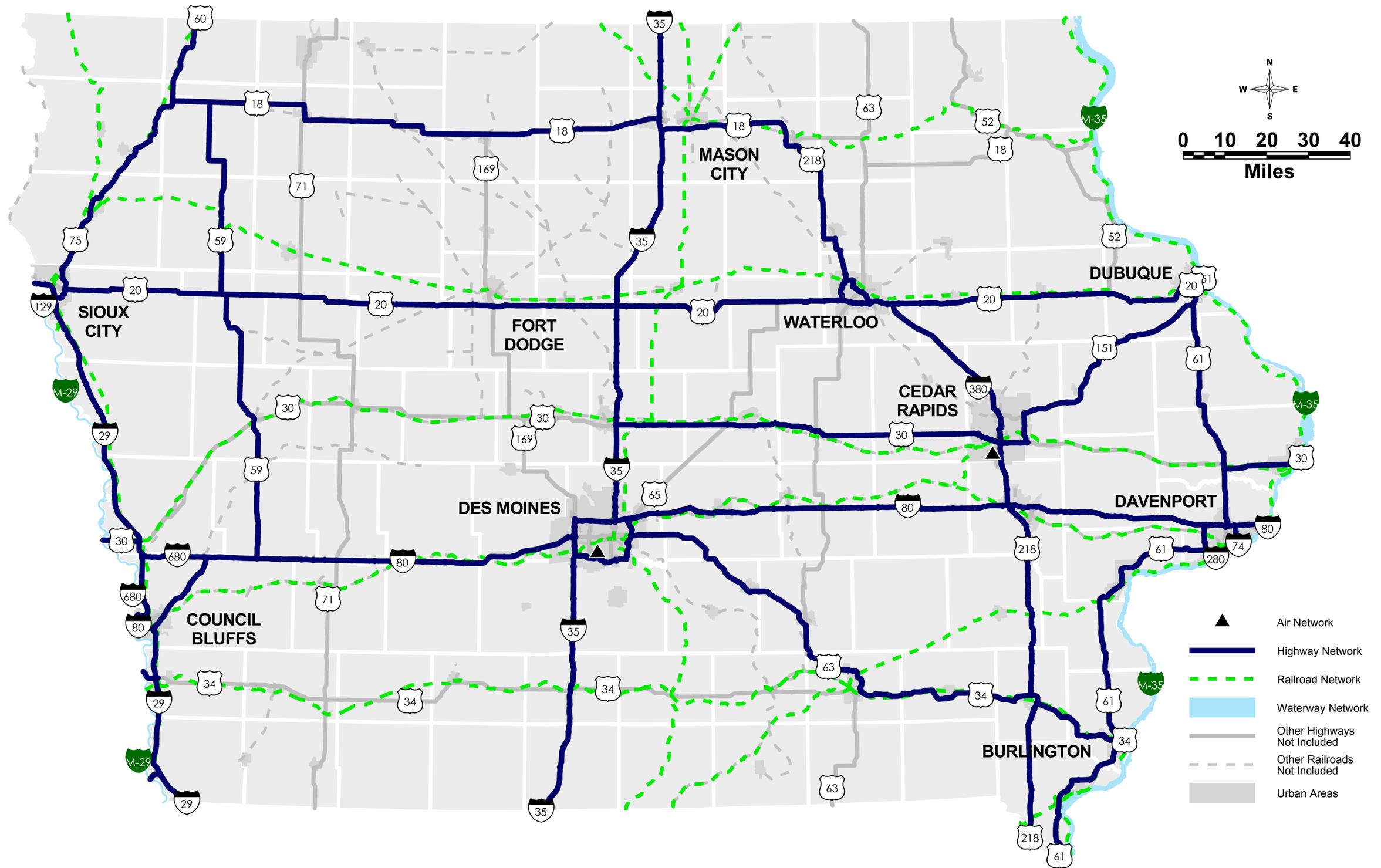


# State Freight Plan: Iowa's Freight Improvement Strategies

| Iowa's Freight Improvement Strategies   | National Freight Goals   |                   |  |                              |  |   |  |
|---|--|-------------------|--|------------------------------|--|---|--|
|   | Improve economic efficiency, productivity, and competitiveness | Reduce congestion | Improve safety, security, and resiliency | Improve state of good repair | Use advanced technology, innovation, and competition | Use performance management and accountability | Reduce adverse environmental and community impacts |
| 1 Maximize the advantages inherent to Iowa's geographic proximity   | ✓  | ✓                 |  |                              | ✓  | ✓   | ✓  |
| 2 Explore/create other funding sources to increase investment in the freight transportation system  | ✓  | ✓                 | ✓  | ✓                            | ✓  | ✓   | ✓  |
| 3 Target investment to address mobility issues that impact freight facilities   | ✓  | ✓                 | ✓  | ✓                            | ✓  | ✓   |  |
| 4 Utilize designs that are compatible with oversize/overweight freight movements  | ✓  | ✓                 | ✓  |                              | ✓  |   | ✓  |
| 5 Target investment on the interstate system at a level that reflects the importance of this system for moving freight                        | ✓  | ✓                 | ✓  | ✓                            | ✓  | ✓   | ✓  |
| 6 Right-size the highway system and apply cost-effective solutions to locations with existing and anticipated issues                          | ✓  | ✓                 | ✓  | ✓                            | ✓  | ✓   | ✓  |
| 7 Advance a 21st century Farm to Market system that moves products seamlessly across road, rail, and water to global marketplaces             | ✓  | ✓                 |  | ✓                            | ✓  | ✓   |  |
| 8 Implement asset management tools and practices and promote their use at the local level   | ✓  | ✓                 | ✓  | ✓                            | ✓  | ✓   | ✓  |
| 9 Optimize the freight transportation network to minimize cost and travel time and improve supply chain efficiency                            | ✓  | ✓                 | ✓  | ✓                            | ✓  | ✓   | ✓  |
| 10 Optimize the availability and use of freight shipping containers   | ✓  | ✓                 |  |                              | ✓  | ✓   | ✓  |
| 11 Explore opportunities for increasing value-added production within the state   | ✓  |                   |  |                              | ✓  | ✓   |  |
| 12 Continue to advance efforts on the M-35 Marine Highway Corridor  | ✓  | ✓                 | ✓  | ✓                            | ✓  | ✓   | ✓  |
| 13 Promote freight movement on the M-29 Marine Highway Connector  | ✓  | ✓                 | ✓  | ✓                            | ✓  | ✓   | ✓  |
| 14 Provide real-time information on system conditions to support the movement of freight  | ✓  | ✓                 | ✓  |                              | ✓  | ✓   | ✓  |
| 15 Leverage real-time information from users of the system to support advanced decision-making and incident avoidance                         | ✓  | ✓                 | ✓  |                              | ✓  | ✓   | ✓  |
| 16 Provide measured, clear, non-technical performance results for the freight system  | ✓  | ✓                 | ✓  | ✓                            | ✓  | ✓   | ✓  |
| 17 Streamline and align freight-related regulations and minimize unintended consequences  | ✓  |                   |  |                              | ✓  | ✓   |  |
| 18 Act as a point of contact and educator on freight transportation options   | ✓  | ✓                 |  |                              | ✓  | ✓   |  |
| 19 Explore new truck cross-docking operations to enable greater opportunities to consolidate truck freight for Iowa shippers                  | ✓  | ✓                 |  |                              | ✓  |   |  |
| 20 Explore a new rail intermodal facility to enable access to lower cost rail services for Iowa businesses                                    | ✓  | ✓                 |  |                              | ✓  |   |  |
| 21 Explore additional transload facilities to provide Iowa businesses with more access to lower cost railroad freight services                | ✓  | ✓                 |  |                              | ✓  |   |  |
| 22 Explore opportunities to leverage a barge and rail multimodal solution to provide a cost-effective freight transportation alternative      | ✓  | ✓                 |  | ✓                            | ✓  |   | ✓  |
| 23 Explore opportunities to build a logistics park to collocate cross-docking, intermodal, transloading, and warehousing facilities           | ✓  | ✓                 |  |                              | ✓  |   |  |
| 24 Collaborate with the railroads to provide Iowa companies with more access and capacity to accommodate additional Iowa freight shipments    | ✓  | ✓                 |  |                              |  |   | ✓  |
| 25 Explore opportunities to reposition empty containers by barge and reduce repositioning costs   | ✓  | ✓                 |  |                              | ✓  | ✓   | ✓  |
| 26 Explore and implement strategies to reduce deadhead truck miles  | ✓  | ✓                 | ✓  |                              | ✓  | ✓   | ✓  |
| 27 Explore opportunities for railroads to provide additional lower cost freight rail transportation for high volume traffic lanes within Iowa | ✓  | ✓                 | ✓  | ✓                            |  |   |  |



# Multimodal Freight Network Map



# State Freight Plan: What We Have Heard

Stakeholder coordination and public outreach recognized:

- Funding for all modes of freight transportation is a constant obstacle.
- Freight industries want reliable transportation above all else.
- There is a need for more intermodal connections.
- Heavy truck traffic on I-80 in eastern Iowa is a concern.
- The nation's locks and dams on the inland waterway system are in need of funding for maintenance and improvements.
- All freight transportation modes are important and impact each other.
- The State of Iowa should be thinking regionally, nationally, and internationally when considering freight movement.
- Some state and federal regulations hinder freight movement.
- Greater harmonization and standardization of rules in regulation between states is desired by shippers.



# Next Steps

| 2016   |   |   |   |     |   |
|--|---|---|---|-----|---|
|  | MAY   | JUNE  | JULY  | AUG | SEPT  |
| Draft State Freight Plan stakeholder review and public comment period  |  |   |   |     |   |
| Draft State Rail Plan stakeholder review, public input, and FRA review |   |   |   |     |   |
| Open House: We Are Here!   |   |  |   |     |   |
| Finalize State Freight Plan  |   |   |  |     |   |
| Finalize State Rail Plan   |   |   |   |     |  |

**We Are Here!**




# Stay Involved

- **Visit the website:** [www.EngageFreightRailPlans.iowaDOT.gov](http://www.EngageFreightRailPlans.iowaDOT.gov)
- **Have a comment about the State Rail Plan?**  
Visit [www.EngageFreightRailPlans.iowaDOT.gov](http://www.EngageFreightRailPlans.iowaDOT.gov) to review the draft State Rail Plan and provide comments until July 23.
- **Have a comment about the State Freight Plan?**  
Visit [www.iowaDOT.gov/iowaInMotion/Freight.html](http://www.iowaDOT.gov/iowaInMotion/Freight.html) to review the draft State Freight Plan and provide comments until June 15.
- **Send us an email:** [info@EngageFreightRailPlans.com](mailto:info@EngageFreightRailPlans.com)

