Welcome

High Leverage Stakeholder Committee Meeting #2
February 25, 2016
10:00 am – 2:00 pm
Agenda

- 10:00 – 10:15 am: Welcome, safety briefing, meeting purpose
  - 10:15 – 10:20 am: Icebreaker activity
- 10:20 – 10:30 am: State Freight Plan, State Rail Plan update
- 10:30 – 10:40 am: State Freight Plan input exercise
  - 10:40 – 10:45 am: Icebreaker activity
- 10:45 am – 12:00 pm: VCAP Introduction, State Freight Plan input exercise
- 12:00 – 12:30 pm: Lunch
  - 12:30 – 12:35 pm: Icebreaker activity
- 12:35 – 2:00 pm: FRA guidance introduction, State Rail Plan input exercises
- 2:00 pm: Next steps and wrap-up
Meeting Purpose

- Provide updates on status of both plans
- Gather your input on the current strategies for improvements and location-specific projects relative to each plan
- Answer questions and receive comments
Icebreaker
One 15-barge tow is approximately how many miles?

- .25
- .29
- .33
- .34
How many miles of pipeline are in the 160,109 miles of total freight infrastructure?

- 17,006
- 3,925
- 41,410
- 3,825
The EPA emission regulations from recent years have cut the exhaust output of heavy trucks and off-road equipment by how much over the past 19 years?

- 95%
- 86%
- 62%
- 55%
State Freight Plan and State Rail Plan Updates
2016 State Rail, Freight Plan Task Overview

Issues-Based Workshop
September 24, 2015

High Leverage Stakeholder Committee - Meeting 1
November 2015

High Leverage Stakeholder Committee - Meeting 2
Winter 2016

High Leverage Stakeholder Committee - Meeting 3
Spring 2016

Public Meeting
Spring/Summer 2016

We are here!
2016 State Freight Plan Update
# Stakeholder Input Gathering

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- **Start of plan development**
- **Reset timeline**

**General freight plan development**
- Industry trends and issues
- Conditions of the system
- Performance measures
- Implementation strategies and improvements

**2016 IOWA RAIL PLAN**
S4. Utilize designs that are compatible with oversize/overweight freight movements

S15. Provide measured, clear, non-technical performance results for the freight system

S9. Optimize the freight transportation network to minimize cost and travel time and improve supply chain efficiency

S17. Act as a point of contact and educator on freight transportation options
Explore/create other funding sources to increase investment in the freight transportation system.

- S13. Provide real-time information on system conditions to support the movement of freight.
- S17. Act as a point of contact and educator on freight transportation options.
- S15. Provide measured, clear, non-technical performance results for the freight system.

Survey Results

BIGGEST BANG

MODERATE PRIORITY

LOWEST PRIORITY

Survey Results
S17. Act as a point of contact and educator on freight transportation options

S15. Provide measured, clear, non-technical performance results for the freight system

S7. Advance a 21st century farm-to-market system that moves products seamlessly across road, rail, and water to global marketplaces
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2016 State Rail Plan Update
Rail Plan Goals

Respondents were asked “To what level of impact will this goal optimize rail operations in the State of Iowa?”

Prioritized results:

1. Maintain the infrastructure
2. Ensure economic competitiveness and development
3. Improve efficiency
4. Enhance the safety and security of the rail system
5. Provide access and connectivity
6. Sustain the environment
State Rail Plan Vision Feedback

Before: “A safe and efficient state rail system that enables the economic well-being of Iowans by expanding access and enhancing mobility for people and goods in an environmentally sustainable manner.”

After: “A safe and efficient state rail system that enables the economic wellbeing of Iowans by expanding local, regional, domestic and international access and enhancing mobility for people and goods in an environmentally sustainable manner.”
Exercise #1: Modal Improvement List Review

- Improvement Identification Process Introduction
- Identify Air Improvements

Fig. 1 - DSM Airport current and future air cargo handling facilities

Fig. 2 - DSM Airport Property
Exercise #1: Modal Improvement List Review

- Identify waterway improvements

Fig. 3 - Schedule of major rehabilitations on the Upper Mississippi River, Rock Island District

Fig. 4 - Proposed 1200-foot locks in the Upper Midwest
Icebreaker
There are currently how many freight railroads in the United States?

- 561
- 585
- 575
- 571
How many freight railroad miles are in Iowa?

- 3,851
- 3,884
- 3,423
- 3,767
In 1920, passenger rail was at the height of popularity. 1920 saw how many rail passengers?

- 1.0 billion
- 1.1 billion
- 1.2 billion
- 1.3 billion
Exercise #2: VCAP Highway Improvement Discussion

- VCAP Process Introduction
- VCAP District Review

Fig. 5 – VCAP Highway Improvement Locations
Exercise #2: VCAP Highway Improvement Discussion

- VCAP Process Introduction
- VCAP District Review

Fig. 6 – VCAP Metro Improvement Locations
Lunch
In 1829, the first locomotive for use on railways was imported from where?

- France
- Germany
- Ireland
- England
How many additional trucks would be needed to handle the 312.9 million tons of freight that were moved through Iowa in 2012?

- 17.9 million
- 18.3 million
- 18.9 million
- 19.6 million
The Sherman Antitrust Act set a precedent for dissolving railroad and other corporate monopolies by which president?

- Calvin Coolidge
- Theodore Roosevelt
- William Taft
- Herbert Hoover
Iowa has 3,851 rail miles. What is their ranking for rail miles in the United States?

- 8
- 11
- 24
- 37
Input Exercise
State Rail Plan
Exercise #1: Railroad Capital Investments and Projects in Iowa

What are your needs for rail within the four main project categories?

1. Capacity and mitigation of operational chokepoints
2. Safety
3. Economic development
4. Modal connectivity
Exercise #1: Railroad Capital Investments and Projects in Iowa

- Examples
  1. Capacity and mitigation of operational chokepoints
     - New or extended sidings
     - Expanded yards / terminals
     - Track and bridge upgrades for 286k railcars
     - Vertical clearance improvements
     - Wayside signal system improvements
  2. Safety
     - Positive train control implementation
     - Wayside defect detector installations
     - Grade crossing improvements
     - Public education programs
  3. Economic development
     - Transloads/Intermodal facility
  4. Modal connectivity
     - Connectivity and interchange
     - Network access
Exercise #1: Railroad Capital Investments and Projects in Iowa

- What projects would you prioritize?
  - Use **red** voting stickers to identify types of projects to be prioritized.

- What projects are short-term?
  - Use **blue** voting stickers to indicate short-term projects.

- What projects are long-term?
  - Use **green** voting stickers to indicate long-term projects.

- How can the Iowa DOT facilitate the priorities your organization may have?
Exercise #2: Rail Map Identification Exercise

- Use **yellow** voting stickers to identify changes to existing or additional (if applicable) passenger rail stations in Iowa.
- Use **pink** voting stickers to identify changes or additions/additional points (if applicable) to existing points of freight rail access in Iowa (i.e. industrial spur, transload).
- Use **green** voting tape to identify changes to existing passenger rail services in Iowa or recommended additions (if applicable) (including intercity and commuter rail).
- Use **blue** voting tape to identify changes to existing freight rail services in Iowa or recommended additions if applicable (including new routes or reactivated abandoned routes).
What’s Next?
Next HLSC Meetings and Topics

- Meeting #3:
  - Date: Spring 2016
  - Location: TBD
  - Topic: Draft Plans
Stakeholder Participation
Public and Online Meetings

- Solicit public input about rail and freight issues.
- Identify opportunities for freight and passenger rail.
- Educate the public about:
  - the purpose of the State Rail and State Freight Plans.
- Online meeting
Stay Involved

http://engagefreightrailplans.iowadot.gov/

Email us info@EngageFreightRailPlans.com
Thank You