DES MOINES TRANSLOAD FACILITY
MPO Freight Roundtable

- Created in 2004
- Consists of public and private sector members
- Meets bi-monthly
- Mission is to assist in the efficient movement of freight in the Greater Des Moines Region
Transload Facility - Project History

- 2011 Intermodal Study Findings
  - Freight volume not sufficient to support an intermodal facility

- Other Options
  - Transload
Intermodal Freight
Intermodal vs. Transload

- Transload Freight
  - Variety of commodities
  - Shipped in variety of rail cars
  - Uses multiple modes of transportation
  - Unique handling requirements
Transload Freight
Project History

- 2014 Des Moines Rail Transload Feasibility Study
  - Feasibility analysis of specific site in Des Moines
  - Hired McClure Engineering, ERS, Via Rail to complete study
Funding

- **$1.7 million** – Rail Revolving Loan and Grant from the Iowa DOT
- **$11.2 million** – BUILD Grant from the U.S. Department of Transportation
Site Selection
Railroad Access
Railroad Access
Railroad Access
Railroad Access
Competitive Advantage

25%
Competitive Advantage

The Average Cost of Captivity by Commodity Per Ton

- Captive Rate
- Non-Captive Rate

- Railroads: Norfolk Southern, CSX, BNSF, Union Pacific

Commodity Categories:
- Farm
- Coal
- Chemicals
- Food
- Paper
Regional Benefits

- Greater access to national and global markets
- More attractive to existing and new business
- Provides more cost effective shipping option
- Diverts city-to-city truck traffic
  - Lower emissions
  - Reduces maintenance needs on roadways
  - Reduces road congestion
Potential Site Layout & Challenges
CONTAINER LOCATOR
MPO Freight Roundtable

- Identified problem: Freight containers entering the state full and leaving empty
- Set goal: Connect Iowa shippers to empty containers
Project Development

Phase 1 – Feasibility Study

- Determined that project is feasible
- Need to use data mining company
- Negotiated with Datamyne
Phase 2 – Website Development

- How will data be uploaded
- Website design
- Website administration
- How will the website be maintained
Website development

CyBIZ Lab

- Website is fully functional and open to the public
- ContainerLocator.com
- Built on the wordpress.org platform
SEARCH CONTAINERS

Basic Search

Date Container Cleared Port:

Consigned City within Iowa:

- 50855
- Ackley
- Actworth
- Adair
- Adel
- Afton
- Agency
- Airworth
- Ainsworth

If city is not listed please enter:

Advanced Search
## Container Search

Total Records Found: 79

<table>
<thead>
<tr>
<th>Consignee City</th>
<th>Consignee State</th>
<th>Consignee Name</th>
<th>Carrier Code</th>
<th>Container Size</th>
<th>Date Cleared Port</th>
<th>Port of Arrival</th>
<th>Bill of Lading Number</th>
<th>Master Bill of Lading Number</th>
<th>Container Type</th>
<th>Container Number</th>
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<tbody>
<tr>
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<td>COHESION FREIGHT (HK) LIMITED</td>
<td>COHE</td>
<td>40</td>
<td>05-25-17</td>
<td>SEATTLE, WA</td>
<td>COHEQIN7940224</td>
<td>CUSU5155751590</td>
<td>Dry</td>
<td>Show Container # Click here</td>
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<td>OCEANBRIDGE SHIPPING LTD</td>
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<td>05-27-17</td>
<td>LONG BEACH, CA</td>
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<td>HLCUAKL179211960</td>
<td>Dry</td>
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<tr>
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<td>BLUE ANCHOR AMERICA LINE (BLUE ANCHOR LINE)</td>
<td>BANQ</td>
<td>40</td>
<td>05-24-17</td>
<td>NORFOLK, VA</td>
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<td>CAMUGEN20825362</td>
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<tr>
<td>ANKENY</td>
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<td>SWIFT GLOBAL LINE</td>
<td>SWGB</td>
<td>20</td>
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<td>NEW YORK, Newark, NEW JERSEY</td>
<td>AEHS143117003712</td>
<td>MSCUUB729448</td>
<td>Dry</td>
<td>Show Container # Click here</td>
</tr>
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</table>
New federal regulations require that freight must be weighed before it is shipped. To provide more information to the public and our members, the Des Moines Area MPO has created an interactive map listing all certified scale and weigh stations in the state of Iowa. Below is that map. Clicking on each site will bring up its address, contact information, and number of scales and corresponding scale weights. Data is provided by the Iowa Department of Agriculture and Land Stewardship. Data was collected in January 2017.
Initial Numbers

- For the month of February, 2016: **3,891** containers were destined for the State of Iowa
- This projects to between **45k – 50k** containers coming into the state yearly
- For the MPO Planning Area: **622** monthly and **7k – 9k** yearly
- For the CIRTPA Planning Area: **269** monthly and **3k – 4k** yearly
Lessons Learned

- Patience is key
  - Over 2 years since initial meeting with CyBIZ Lab

- Data is everything
  - Data source is public
  - Some data is not immediately available
Next Steps

- Additional features will be developed
- Continue to promote the website
- Determine value and funding options
Next Steps

Explore Other Data Sources
- User generated
- Other?

Data Analytics
- Track hits per day
- Track searching and website usability
Next Steps

Funding Considerations

- User fee
- Sponsorship
- Some combination of both
THANK YOU

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