



MFAC
Ports and Waterways Panel
March 29, 2019



218.727.8525 | www.duluthport.com



Duluth-Superior to/from:

- Northern Europe 15 days
- Spain 15 days
- Italy/North Africa 18 days

2,342 miles (3,769 km) to Atlantic Ocean



The Port of Duluth-Superior



Duluth

The Port is a Regional Asset

20 active
bulk cargo docks;
1 breakbulk terminal

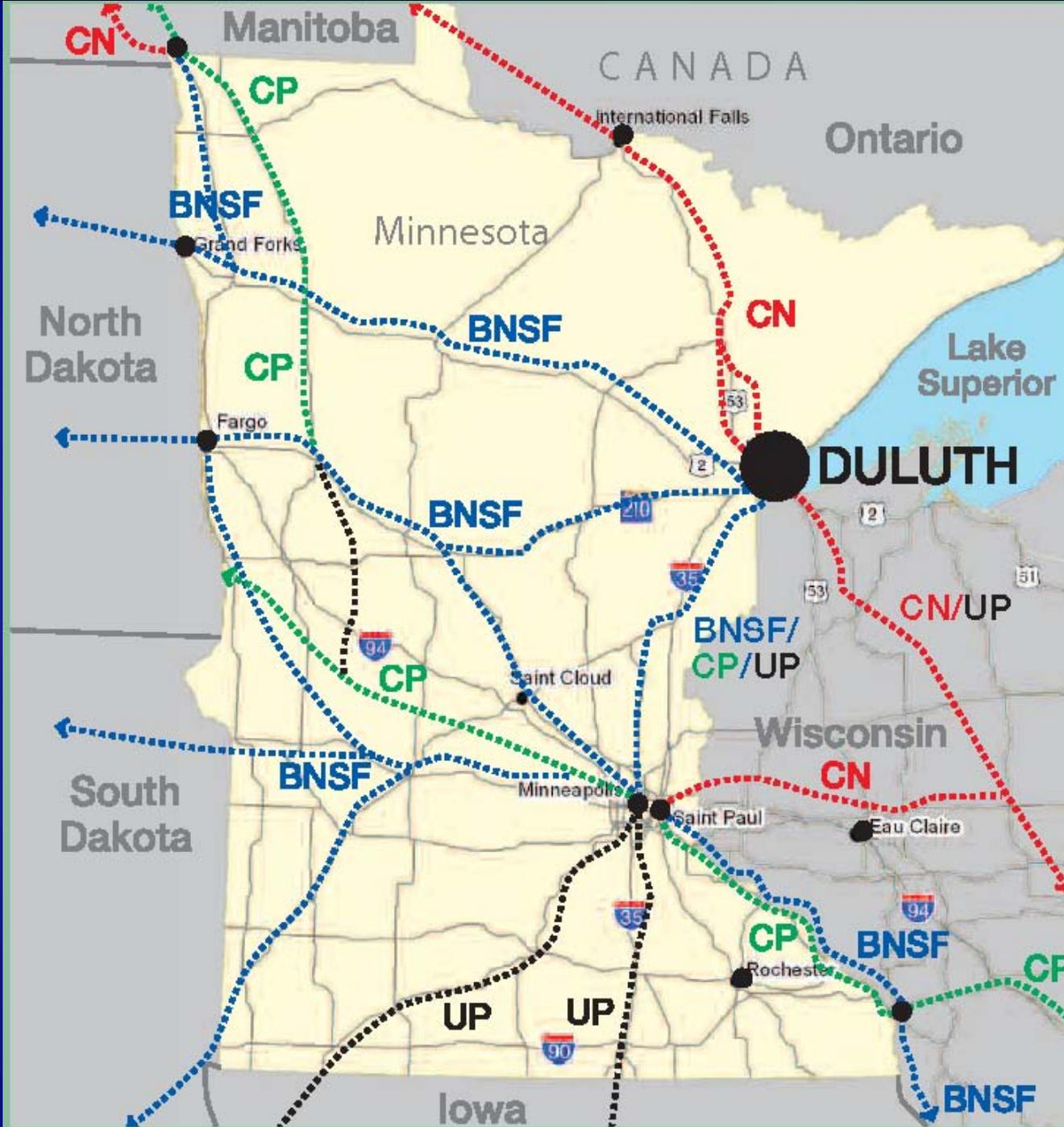
Superior





Bulk commodities handled in the Port of Duluth-Superior & on the Great Lakes





Connectivity:

A Port is not a Port without Road & Rail

Primary Highway
and

4 Class I
Railway
Corridors
serving the
Port of
Duluth-Superior





...was created as a public agency in 1955 by the Minnesota legislature to expand and improve facilities in preparation for the 1959 opening of the St. Lawrence Seaway.

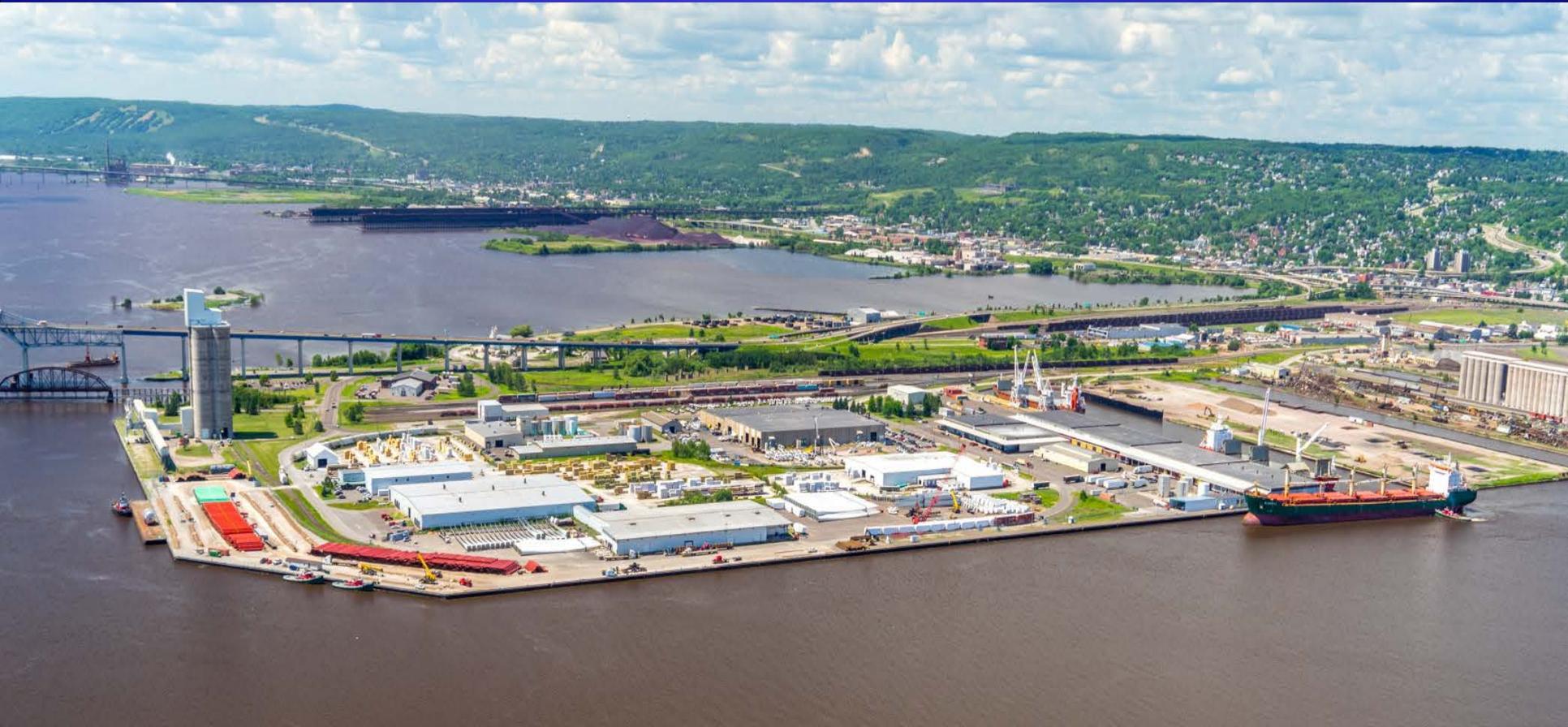
In 1957, with \$10 million in public funding, the Port Authority created the 120-acre Clure Public Marine Terminal, the Port's **only** general cargo facility.



Bringing Business to the Port and Economic Development to the Region



Clure Public Marine Terminal Multimodal Distribution Hub



Outdoor Operations Area ~ 40 Acres
400,000+ sq. ft. Indoor Warehouse Capacity
On-Dock Rail, Intermodal Yard, Truck Scale



Heavy-Lift Cargo



Duluth Cargo Connect

Wind Project Cargo



Kaolin Clay
from Brazil



CN Duluth Intermodal Terminal



Access
to/from
3 Coasts
in
North
America



Prince Rupert



Vancouver



Montreal



Halifax



DULUTH

New Orleans



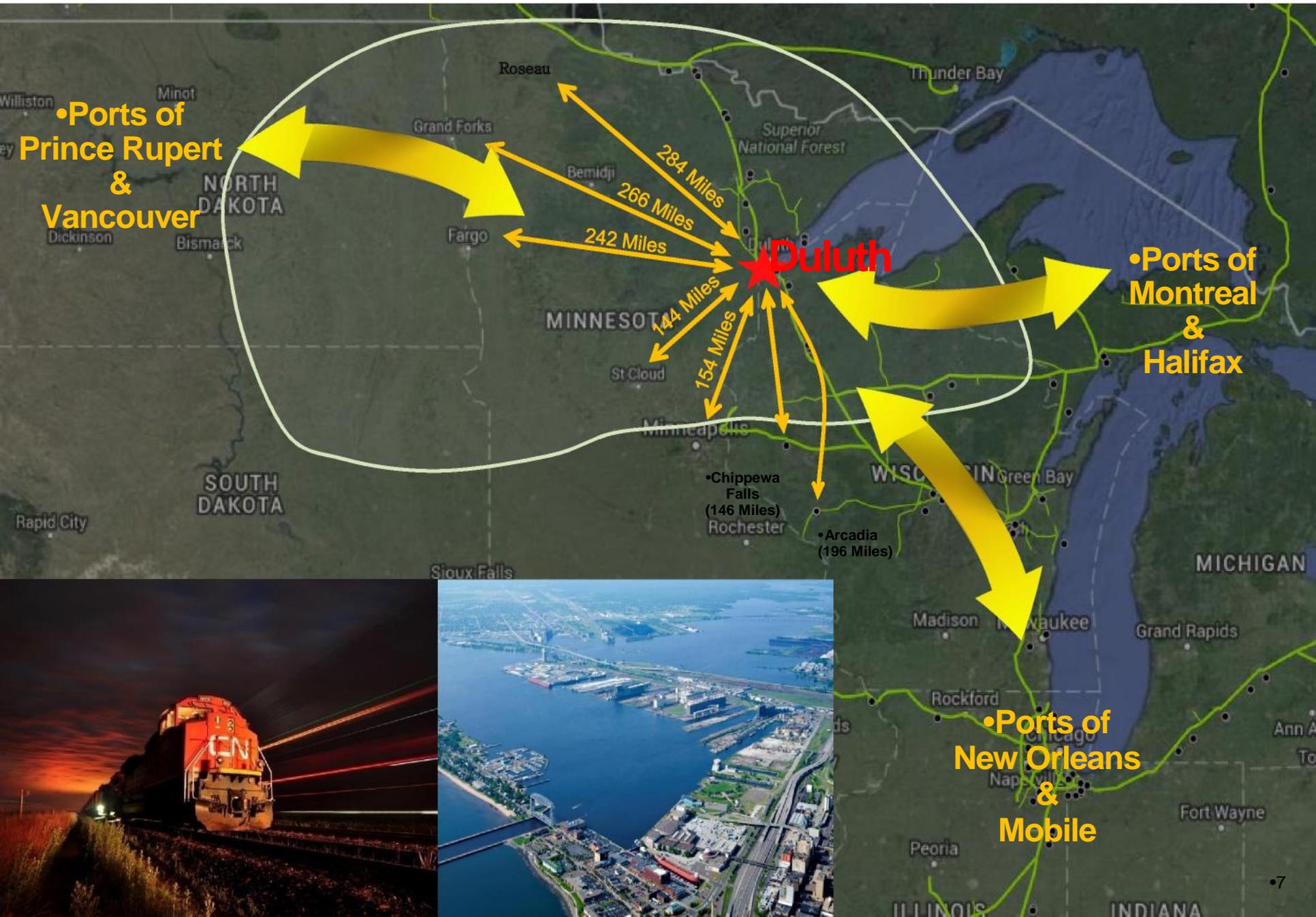
Mobile



*Supply chain success does
not come by going at it alone*



Duluth Intermodal Terminal Catchment Area



Economic Development Opportunities

- Manufacturers
- Assemblers
- Warehousing
- Distribution
- Retail
- Specialized Ag Commodities

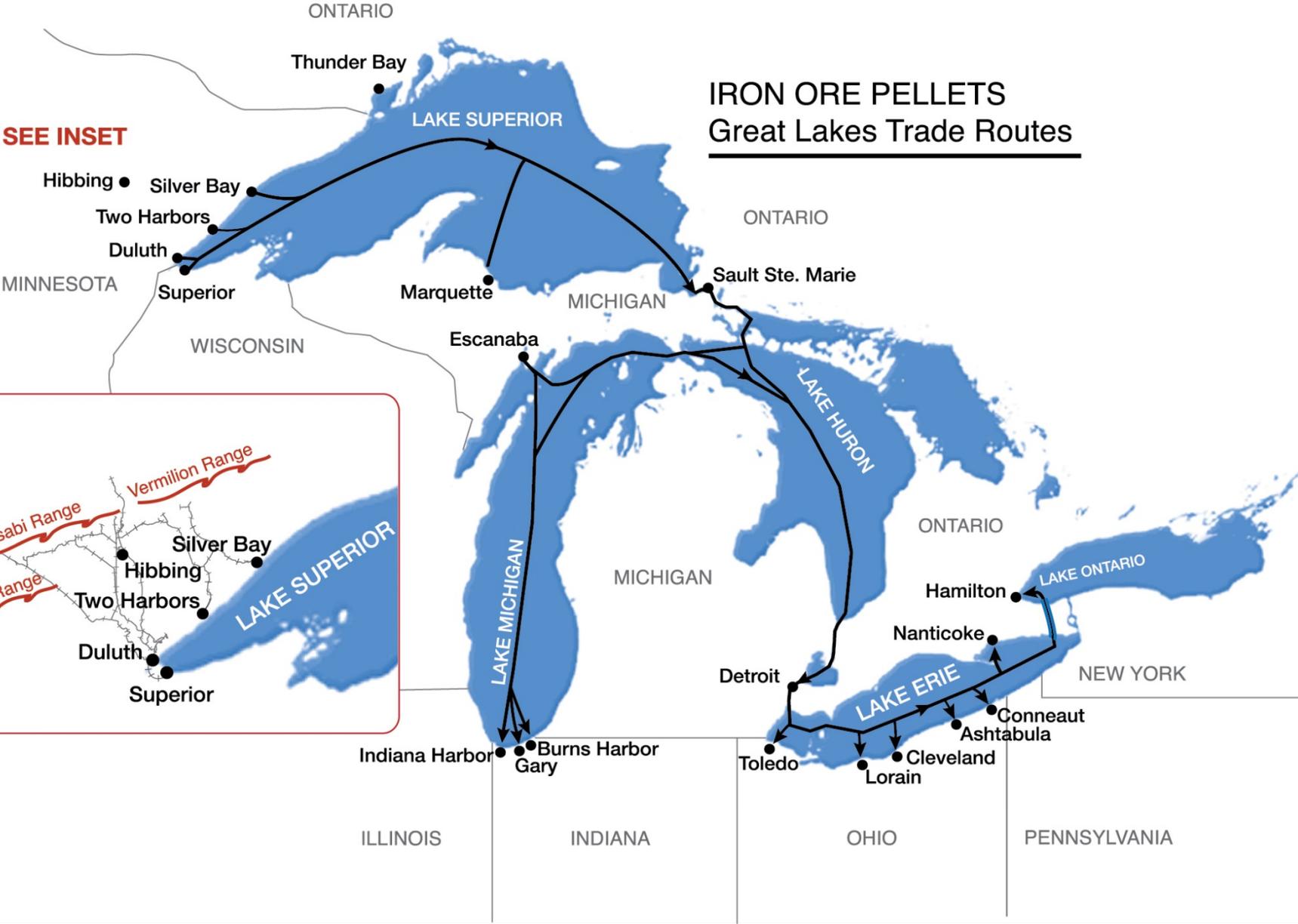
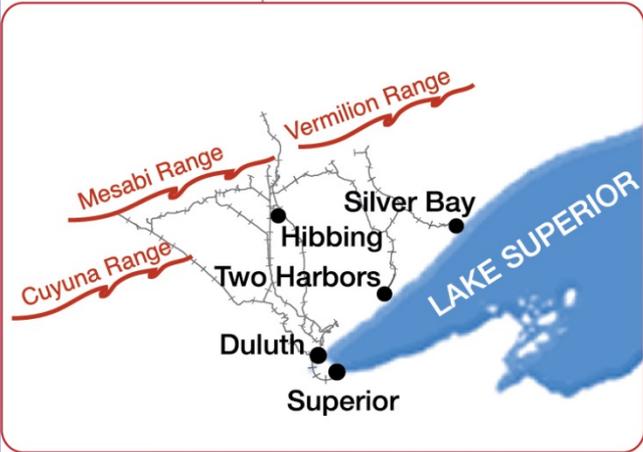




Deb DeLuca
ddeluca@duluthport.com
(218) 727-8525

IRON ORE PELLETS Great Lakes Trade Routes

SEE INSET



Infrastructure Investment: Landside Transport; Collaboration



Challenges & Trends in Shipping via the Great Lakes-St. Lawrence Seaway

CHALLENGES

Environmental Issues

- Ballast Water Treatment (Aquatic Invasive Species)
- Air Emissions Standards
- Low-Sulphur Fuel Regulations

Threat of Gentrification

Dredging / Harbor Maintenance

Pilotage fees

Infrastructure: Soo Locks

GROWTH OPPORTUNITIES

Intermodal!

- Expanding facility
- Bending supply chains
- Diverse freight

Resilient Linked Multi-modal Transportation Assets as Major Economic Development Attractor

Strongly Connected Transportation & Economic Development Communities: Huge Collaboration

Great Lakes St. Lawrence Seaway System only 50% utilized.

Foundations For Growth

Shaping Duluth's Industrial Economy

- Commissioned Fall 2017
- Initiative for a Competitive Inner City (ICIC)
- Advisory Committee – variety of backgrounds & interests
- Four sub-studies:
 - An IMPLAN analysis
 - Cluster Analysis
 - Peer City Review
 - Land-use study



Foundations For Growth

Shaping Duluth's Industrial Economy

Key findings include:

- Industrial sector continues to drive significant economic growth in Duluth and the surrounding region
- Duluth's industrial jobs pay high wages and provide competitive benefits and opportunities for career advancement
- Jobs created in the industrial sector are accessible to residents with a wide range of educational backgrounds

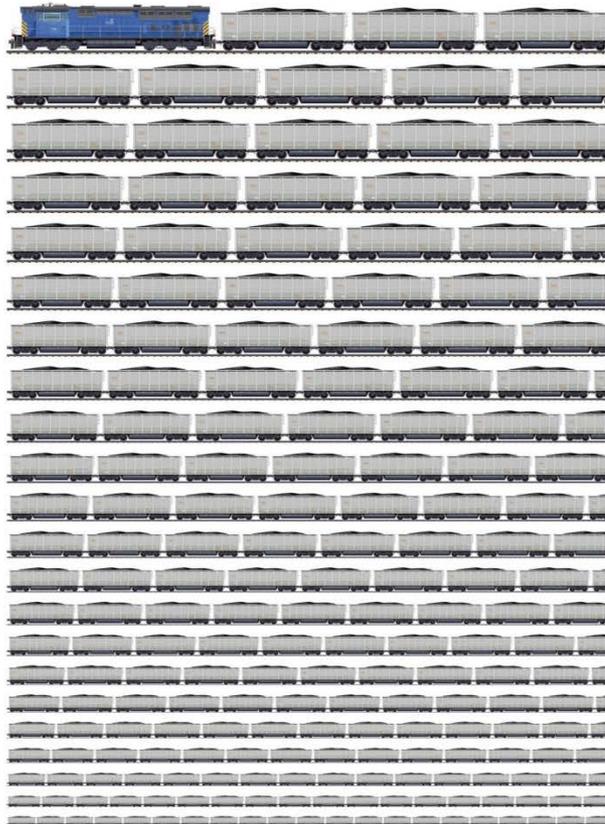


THE EFFICIENCY OF GREAT LAKES SHIPPING

Units Needed to Carry 70,000 Tons of Cargo.



700 Train Cars: carrying capacity 100 tons each.



2800 Trucks: carrying capacity 25 tons each.

