

Council Updates:

Illinois Marine Transportation System Plan & Port Facilities Capital Investment Grant Program



JUNE 24, 2021



Illinois Marine Transportation System Plan Update

Illinois Marine Transportation System Plan (IMTSP)

- Contract signed – Feb. 14, 2019 (WSP)
- Final document published – Apr. 12, 2021
 - Featured on IDOT Planning webpage

See here for final IMTSP documents and a video summarizing the Marine Transportation System: <https://idot.illinois.gov/transportation-system/transportation-management/planning/index>



Illinois Marine Transportation System Plan (IMTSP)

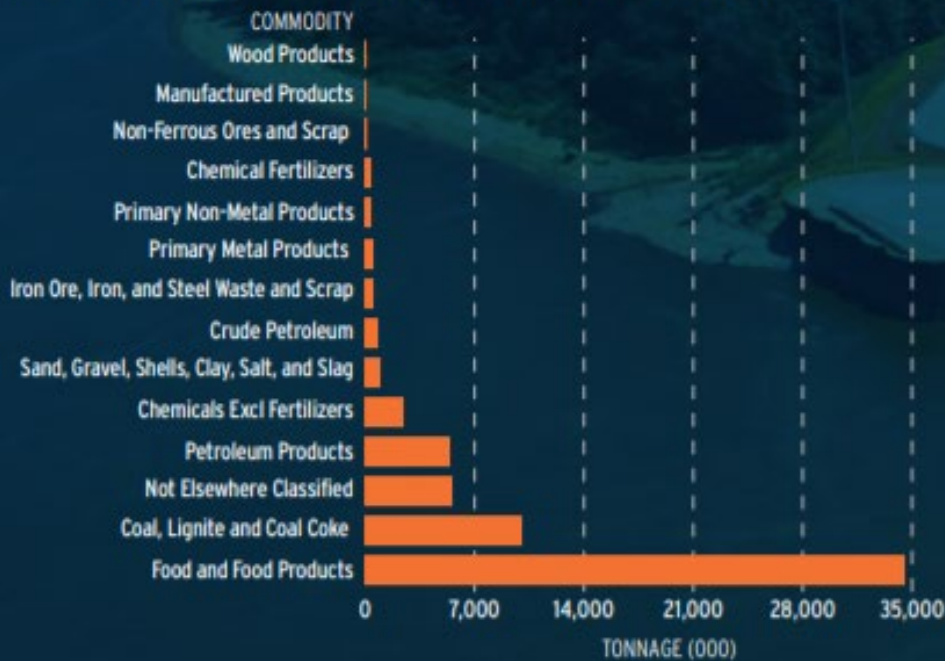
Marine Transportation System Overview

- 1,118 miles of commercially navigable inland waterways
- 19 public port districts
- Over 400 private terminals
- 27 locks and dams
- Ferries, barges, tugboats, water taxis, cruise ships, and recreational vessels



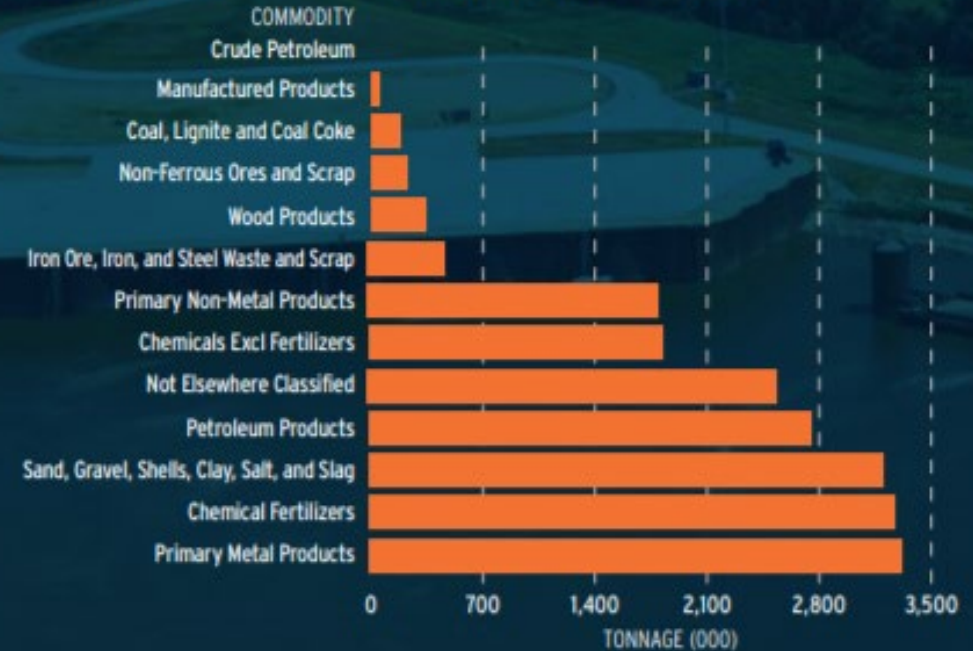
Illinois Marine Transportation System Plan (IMTSP)

FIGURE 4.5 Outbound Commodity Shipments in 2017 in Thousands of Tons



Source: Army Corps of Engineers Waterborne Commerce Statistics and WSP Analysis

FIGURE 4.6 Inbound Commodity Shipments in 2017 in Thousands of Tons



Source: Army Corps of Engineers Waterborne Commerce Statistics and WSP Analysis

Illinois Marine Transportation System Plan (IMTSP)



Food Products

- Main products: **corn** and **soybeans**
- Farm and food manufacturing **13.7%** of State **GDP**
- **97%** of outbound shipments of food product traveled to Louisiana
- **Corn**
 - » **25%** of state output went to export in 2018
- **Soybeans**
 - » **40%** of state output went to export in 2018

Coal

- **15%** of nation's economically recoverable coal reserves are in Illinois
- Illinois' utilities consume **20%** of states coal output
- **25%** of Illinois' coal output goes to export
- Public utilities in **8 states** received Illinois coal by water in 2018, accounted for **95% of waterborne coal shipments**

Primary Metal Products

- Main products: **iron** and **steel**
- Primary metal manufacturing represents **2%** of the private goods producing sector in 2017 **Illinois GDP**
- Fabricated metals manufacturing represent more than **7%** of **Illinois GDP**
- **Several thousand** metal fabrication facilities within **three miles of the IMTS**, employing **over 12 thousand people**

Illinois Marine Transportation System Plan (IMTSP)



The Illinois Marine Transportation System carries over 90 Million tons of freight.



Port Facilities Capital Investment Grant Program

Port Facilities Capital Investment Grant Program

Call for Project Applications: April 12, 2021

Application Deadline: June 11, 2021

Funding:

- \$150 million appropriated to the Illinois Department of Transportation (IDOT) via Rebuild Illinois (Spring 2019)
- \$40 million of the total amount goes directly to the Alexander-Cairo Port District

Program Goals:

- Improve marine transportation throughout Illinois
- Implement goals of 2020 Illinois Marine Transportation System Plan (IMTSP) and Economic Impact Analysis
- Maintain objectivity and transparency using a quantitative ranking system

Port Facilities Capital Investment Grant Program



Number of Port Districts Applied: 9

Number of Applications Received: 23

Grant Amount Requested: \$283,062,335 million

Total Project Cost: \$500 million

Project Types Requested:

Land Acquisition

Sediment Reduction

Buildings

Rail Projects

Dock Construction

Equipment Purchase

Entrance Roads

Site Development

Training Center

Truck Staging and Call Center

Harbor Improvements

Port Facilities Capital Investment Grant Program

What is next?

Scoring

Projects will be ranked based on how well they address program goal criteria:

- Safety – 20.2%
- Modal Connectivity – 18.3%
- State of Good Repair – 16.3%
- Economic Competitiveness – 14.3%
- Mode Shift – 12.3%
- Economic Opportunity – 10.3%
- Environmental Sustainability – 8.3%

Project Awards

Fall 2021

Port Facilities Capital Investment Grant Program

Goal	Goal Weight	Measure	% Weigh for Measures in Each Goal Area
Safety	20.2%	Modernization of Port Equipment and/or operations, leading to improved safety, Highway and/or rail access improvements that remedy high-accident locations	33.3%
		Change in truck VMT and rail ton-miles, both of which drive incidents	33.3%
		Change in fatalities, injury crashes, and non-injury crashes associated with hazardous materials	33.3%
Modal Connectivity	18.3%	Number of intermodal connections supported by project (water-truck, water-rail, truck-rail)	50.0%
		Volume of intermodal activity (tons) added by project	50.0%
State of Good Repair	16.3%	Reduced life-cycle maintenance cost for on-port equipment, rail, roads	33.3%
		Asset Management and Maintenance plan	33.3%
		Avoided pavement damage throughout the state, outside of Port property	33.3%

Economic Competitiveness	14.3%	Temporary job creation from construction	33.3%
		Permanent direct job creation from operations	33.3%
		Reduced freight transportation cost for shippers and receivers	33.3%
Mode Shift	12.3%	Change in truck AADT/LOS on key links and intersections in nearby communities	50%
		Change in railcars/train moves at sensitive grade crossings in nearby communities	50%
Economic Opportunity	10.3%	Level of economic need in host community/region	50%
		Level of investment in host community	25%
		Level of job creation in host community	25%
Environmental Sustainability	8.3%	Avoided emissions from reduced truck and rail activity	50%
		Purchase of alternative energy (non gas/nondiesel fuel) equipment	50%

Port Facilities Capital Investment Grant Program

ACTIVITY: WebEx Poll

A series of poll questions will appear on your screen shortly. Please take a moment to complete and feel free to share thoughts by raising your hand or using the chat function.



Port Facilities Capital Investment Grant Program Update

Thank You!

BJ Murray

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