

# 2023 Illinois Waterway Ports Annual Meeting



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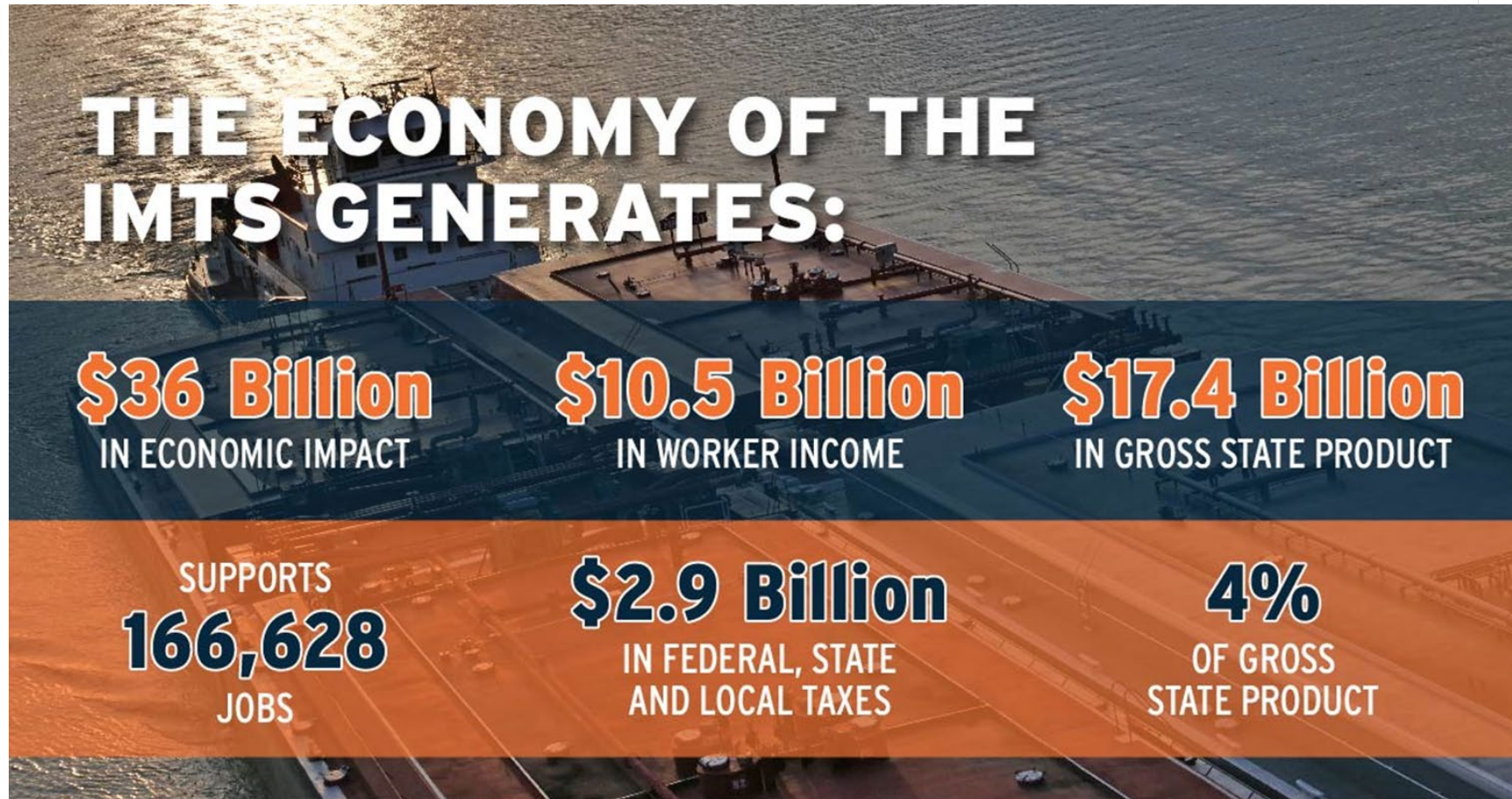
August 31, 2023



# Illinois Department of Transportation (IDOT) Update

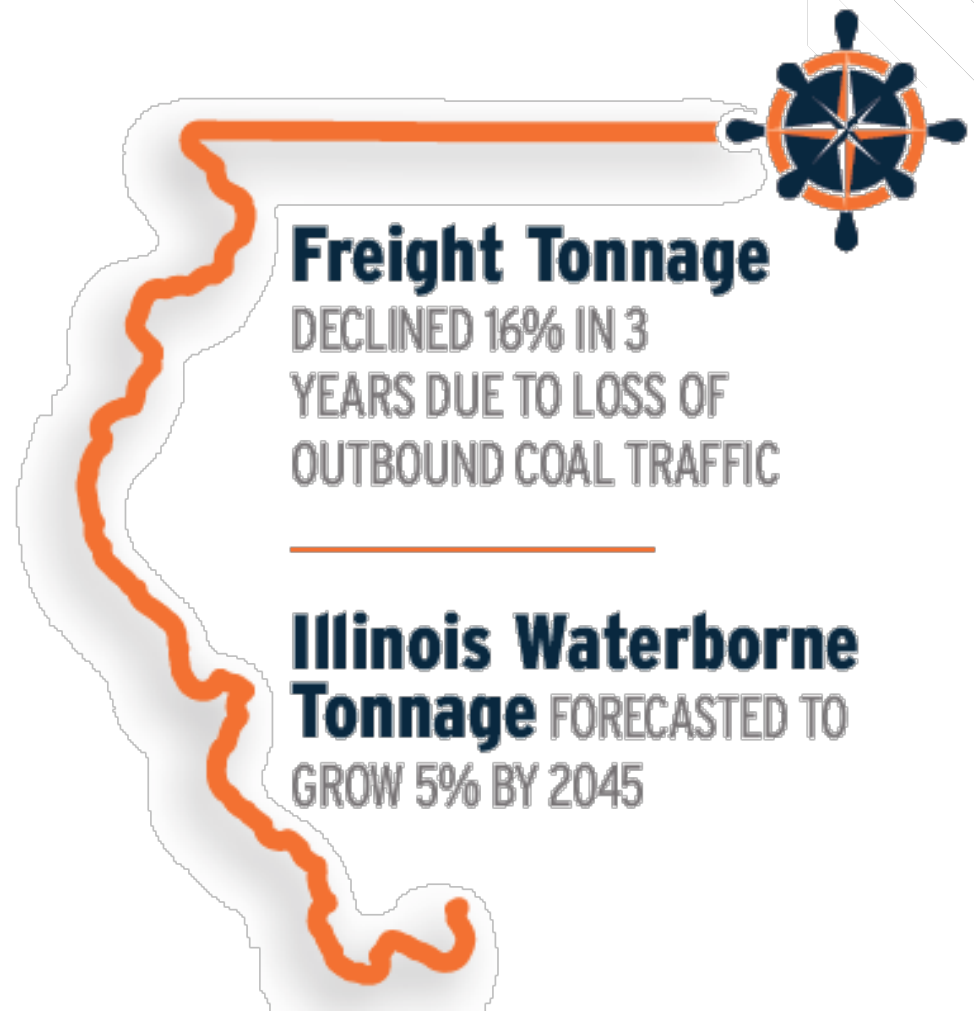
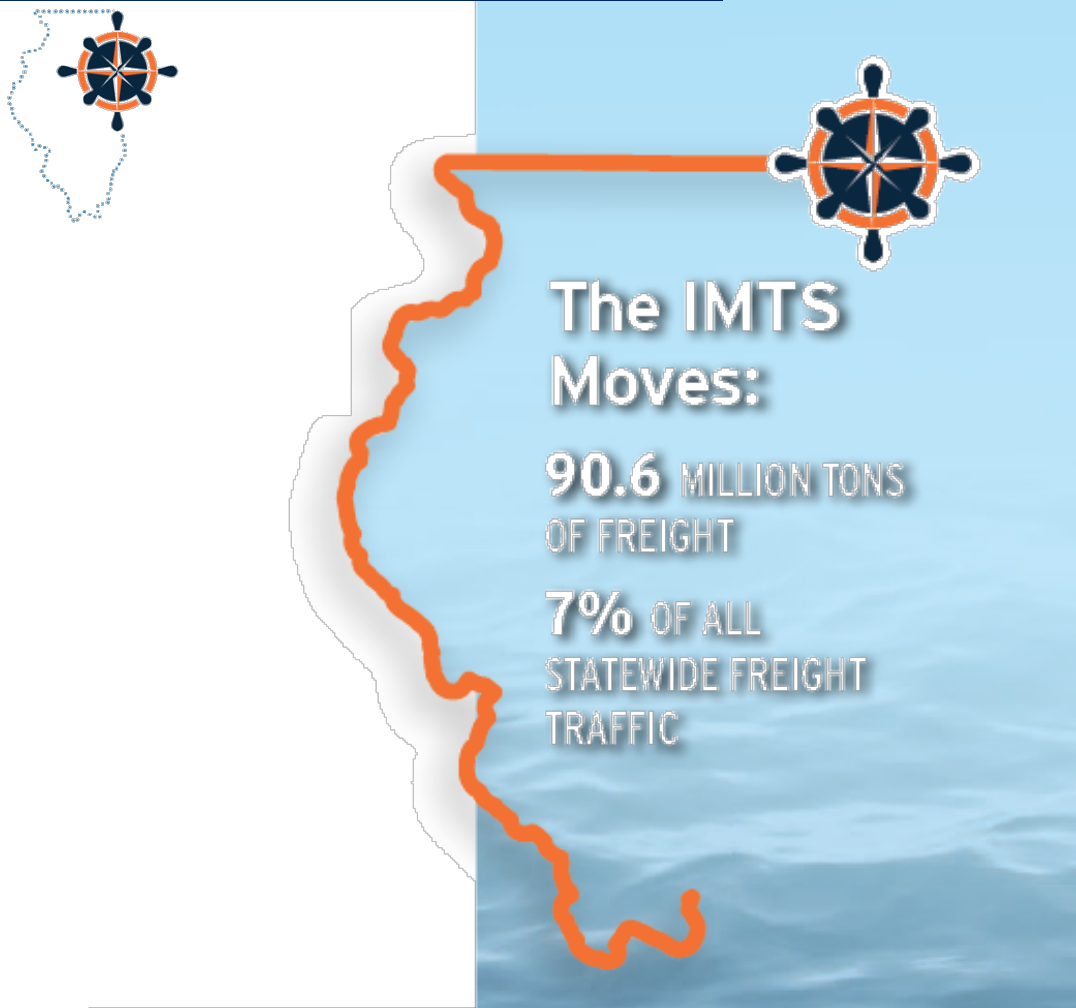
Presented on August 31, 2023

# Illinois Department of Transportation (IDOT) Update



[Illinois Marine Transportation System Plan and Economic Impact Analysis Study.pdf](#)

# Illinois Department of Transportation (IDOT) Update





# Ongoing Projects and Initiatives

Presented on August 31, 2023



## IDOT Funding

- Spring of 2019, the Rebuild Illinois Capital Bill appropriated the sum of \$150 million to the Illinois Department of Transportation (IDOT) for the **Illinois Port Facilities Capital Investment Grant Program** with \$40 million going directly to the Alexander-Cairo Port District listed in Article 5, Section 211 of Public Act 101-0029.

# Illinois Department of Transportation (IDOT) Update

## 2021 Illinois Port Facilities Capital Grant Program



The Illinois Port Facilities Capital Investment Grant Program provided grants to public agencies for the planning and development of facilities within public port districts that are included in the Illinois Marine Transportation System (IMTS).

IMTS - comprised of landside infrastructure that allows transportation to, from, and on the following navigable waterways:

- Mississippi River (Upper Mississippi and Middle Mississippi)
- Illinois River
- Chicago Area Waterway System
- Kaskaskia River
- Ohio River
- Lake Michigan

# Illinois Department of Transportation (IDOT)

## Update



### 2021 Illinois Port Facilities Capital Grant Program

#### Goals used for scoring criteria

- **Safety** - Improve public health and safety by reducing transportation-related fatalities and injuries as well as property damage only events.
- **Modal Connectivity** - Enhance integration and connectivity across and between transportation modes for Illinois and the nation resulting in increased multi-modal options for freight movement.
- **State of Good Repair** - Ensure Illinois proactively maintains critical transportation infrastructure in a state of good repair.
- **Economic Competitiveness** - Promote transportation policies and investments that bring lasting economic benefits to Illinois, its citizens, and its businesses.
- **Mode Shift** - Shifting cargo to barge rather than to truck or rail may reduce local roadway and grade crossing damage and congestion throughout many communities.
- **Economic Opportunity** - Investments should increase opportunity for economically distressed areas.
- **Environmental Sustainability** - Advance environmentally sustainable policies and investments that reduce carbon and other harmful emissions from transportation sources.



# Illinois Department of Transportation (IDOT)

## Update



FY-2021 Rebuild Illinois Capital Plan								
Port Facilities Capital Investment Grant Program								
Selected Projects and Funding Amount								
	Port District	County	City	Project Description	Estimated Cost (Programmed)	State Funding	Local Funding	IDOT District
1	Illinois International Port District (IIPD - Chicago)	Cook	Chicago	Iroquois Landing Dock Wall Rehabilitation	\$15,600,000	\$13,000,000	\$2,600,000	1
2	Illinois International Port District (IIPD - Chicago)	Cook	Chicago	Transit Sheds Roof Replacement	\$9,000,000	\$8,550,000	\$450,000	1
3	Waukegan Port District	Lake County	Waukegan	Reconstruct Dockwall	\$12,000,000	\$12,000,000	\$0	1
4	Upper Mississippi River International Port District (UMRIPD)	Carroll	Savanna	Land acquisition, Remediation and Utilities	\$7,000,000	\$7,000,000	\$0	2
5	Ottawa Port District	LaSalle	Ottawa	Ottawa Port District Intermodal Rail Yard	\$10,285,000	\$9,770,750	\$514,250	3
6	Mid-America Intermodal Authority Port District (MAP-Quincy)	Adams	Quincy	Alter Logistics Terminal Facility and Municipal Dock Rehabilitation	\$13,763,192	\$13,163,192	\$600,000	6
7	America's Central Port District (ACP-Granite City)	Madison	Granite City	Madison Harbor Sediment Reduction	\$13,000,000	\$13,000,000	\$0	8
8	America's Central Port District (ACP-Granite City)	Madison	Granite City	Granite City Harbor Truck Staging / Calling Center	\$5,500,000	\$5,500,000	\$0	8
9	America's Central Port District (ACP-Granite City)	Madison	Granite City	Hill Storage Track and other Granite City Harbor Track Improvements	\$2,500,000	\$2,375,000	\$125,000	8
10	Kaskaskia Regional Port District (KRPD-Red Bud)	St. Clair	New Athens	KRPD #1 Rail Loop and Outbound Conveyors	\$14,000,000	\$10,000,000	\$4,000,000	8
11	Kaskaskia Regional Port District (KRPD-Red Bud)	Randolph	Baldwin	KRPD #2 Gateway FS - Fertilizer Facility Expansion	\$4,700,000	\$2,700,000	\$2,000,000	8
12	Shawneetown Regional Port District	Gallatin	Shawneetown	Public Private Partnership River Terminal (Fertilizer Blend Facility)	\$13,200,000	\$11,200,000	\$2,000,000	9
13	Alexander-Cairo Port District (Legislative Earmark)	Alexander	Cairo	Public/Private Cairo International Port Terminal Facility	\$40,000,000	\$40,000,000	\$0	9
<b>Totals</b>					<b>\$160,548,192</b>	<b>\$148,258,942</b>	<b>\$12,289,250</b>	



# Statewide Planning & Research (SPR) Funded Port Planning Projects

Presented on August 31, 2023

# Illinois Department of Transportation (IDOT) Update



## Statewide Planning & Research Funds

Statewide Planning & Research (SPR) funds are a set aside from federal transportation funds that are used to support planning and research activities. The funds are used to establish a cooperative, continuous, and comprehensive framework for making transportation investment decisions and to carryout transportation planning and research activities throughout the State.

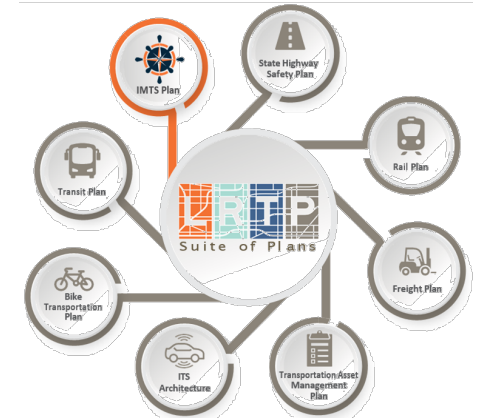
Projects should be related to further studying or implementing a goal, strategy, or objective within the State's Long Range Transportation Plan or one of the Department's modal plans. IDOT evaluates and select projects based on their ability to further study or implement the Long Range Transportation Plan (LRTP) or one of the Department's modal plans

- IDOT requests \$20 million annually
- 20% Match, State funds available to projects

# Statewide Planning & Research (SPR) Funded Port Planning Projects

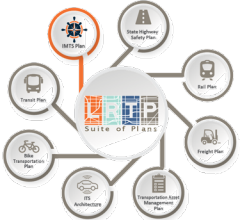
**IDOT Port Statewide Planning & Research (SPR) Funded Projects (2018-2023)**

Year	Sponsor	County	City	Project Description	State Funding	IDOT District
2018	Illinois International Port District (IIPD - Chicago)	Cook	Chicago	Port Master Plan Study	\$351,947	1
2018	East Central Intergovernmental Association (ECIA)	Jo Daviess	East Dubuque	ECIA Port Expansion Study for terminals in Dubuque, IA and East Dubuque, IL	\$150,000	2
2020	America's Central Port District (ACP-Granite City)	Madison	Granite City	Port Infrastructure Conditions Assessment Project	\$486,000	8
2020	Kaskaskia Regional Port District (KRPD-Red Bud)	Randolph	Red Bud	Port Master Plan Study	\$120,000	8
2021	Bi-State Regional Planning Commission	Rock Island	Rock Island	MRPEIWI Mapping Tool Project	\$48,000	2
2021	Havana Regional Port District	Mason	Havana	Port Master Plan Study	\$250,000	8
2022	Upper Mississippi River International Port District (UMRIPD)	Carroll	Savanna	Port Master Plan Study	\$400,000	2
2022	Joliet Regional Port District	Will	Romeoville	Strategic Marine and Port Master Plan Study	\$400,000	1
2022	Port of Henry	Marshall	Henry	Port Master Development and Implementation plan	\$300,000	4
2023	Heart of Illinois Regional Port District	Peoria	Peoria	Master Plan Development and Implementation Strategy	\$465,500	4
2023	America's Central Port District (ACP-Granite City)	St. Clair	Granite City	FLOAT - Ferry Landing Operations Attract Tourists Study	\$210,000	8
<b>Total</b>					<b>\$3,181,447</b>	



IDOT has funded 11 port planning projects since 2018

# Illinois Department of Transportation (IDOT) Update



## **Havana Regional Port District – Havana Port Market Analysis & Master Plan– Nearly Complete**

### **Port of Henry - Port Master Development and Implementation Plan**

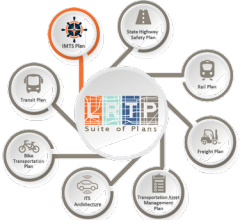
The City of Henry is preparing a market driven “Port Master Development and Implementation Plan” for a new river terminal port complex in Henry, IL. The port master plan will identify and prioritize immediate, near-term, and future projects related to the port’s development under three primary tasks: Cargo Forecast and Probable Vessel Requirements; Conceptual Physical Terminal Operations Master Plan; and a Business Development & Market Strategy. **This study just got underway.**

### **Joliet Regional Port District - Strategic Marine and Port Master Plan**

The Port District will consider acquiring land to facilitate development, improving infrastructure and utilities as a conduit for investment, assessing risks from short sighted plans, enhancing existing terminal and facility assets and new facilities, and improving other modal connections such as railroads. To achieve these goals, the Port District will update existing planning documents as available and prepare new documents to implement the Strategic Marine and Port Master Plan.

The project will include the development of Strategic Direction, an Operational Assessment, and a Resource Evaluation which will include the identification and prioritization of projects across three time horizons (current, near term {within five (5) years}, and long term - beyond 2050).

# Illinois Department of Transportation (IDOT) Update



## **Heart of Illinois Regional Port District - Port Master Plan Development and Implementation Strategy Study**

The Port Master Plan Development and Implementation Strategy Study for the Heart of Illinois Regional Port District (HIRPD) will define and support the region’s economic development, livability, mobility, resiliency, and stewardship goals as specified in the Illinois State Long Range Transportation Plan. This project includes the review of existing planning documentation and new documents prepared to create the HIRPD Master Plan Development and Implementation Strategy. The study will include the development of the Strategic Direction, an Operational Assessment Plan, and a Financial Resource Evaluation Plan which will include the identification and prioritization of projects within the planning horizon to be determined.



# Other IDOT Modal Programs

Presented on August 31, 2023

# Illinois Department of Transportation (IDOT) Update

## Illinois Competitive Freight Program



### 2022 Competitive Freight Program

- 35 applications received requesting \$413 million in federal funds
- 22 projects funded for \$197.5 million federal funding
- Up to 30% of funds can be used for Intermodal Projects

#### Highway Goal Areas

Safety

Reliability

System Enhancements

Operational Needs

Truck Parking

#### Intermodal Goal Areas (Ports & Rail)

Safety

Modal Connectivity

Mode Shift



# Illinois Department of Transportation (IDOT) Update



## 2023 FREIGHT INVESTMENT PLAN Selected Projects and Funding Amounts

March 2023

Project Name	Sponsor Name	Project Type	Phase(s)	National Highway Freight Program Amount	Federal Other Amount	Match Amount	Total Project Cost
Road Improvement Phase III	America's Central Port	Port	Construction	\$2,100,000.00	\$0.00	\$525,000.00	\$2,625,000.00
Dock Phase II	America's Central Port	Port	Construction	\$3,636,000.00	\$0.00	\$909,000.00	\$4,545,000.00
Terminal Railroad Association of St. Louis 3rd Main	Bi-State Development	Rail	Engineering (Wetland mitigation efforts), Construction	\$15,197,718.80	\$0.00	\$13,493,281.20	\$25,730,000.00
Illinois 50 over Chicago Sanitary and Ship Canal	Chicago	Bridge	Construction	\$18,800,000.00	\$0.00	\$14,860,000.00	\$33,660,000.00
75th Street CIP	Cook County	Grade Separation	Land Acquisition	\$14,000,000.00	\$0.00	\$5,938,801.05	\$19,938,801.05
Butler Drive	Cook County	Port	Construction	\$4,822,147.00	\$10,937,853.00	\$4,740,000.00	\$24,440,000.00
Brush College Road/ Faries Parkway	Decatur	Grade Separation	Construction	\$10,000,000.00	\$27,800,000.00	\$24,000,000.00	\$61,100,000.00
Illinois 127 Reconstruction	Illinois Department of Transportation	Highway	Engineering	\$4,000,000.00	\$0.00	\$1,000,000.00	\$5,000,000.00
Illinois 203 Profile Raise	Illinois Department of Transportation	Highway	Engineering	\$1,600,000.00	\$0.00	\$400,000.00	\$2,000,000.00

Illinois Department of Transportation

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# Illinois Department of Transportation (IDOT) Update



## 2023 FREIGHT INVESTMENT PLAN Selected Projects and Funding Amounts

March 2023

Project Name	Sponsor Name	Project Type	Phase(s)	National Highway Freight Program Amount	Federal Other Amount	Match Amount	Total Project Cost
I-57 Safety Improvements	Illinois Department of Transportation	Highway	Construction	\$30,000,000.00	\$0.00	\$18,000,000.00	\$48,000,000.00
Rail Splitter Rest Area	Illinois Department of Transportation	Truck Parking	Construction	\$2,200,000.00	\$0.00	\$17,950,000.00	\$20,150,000.00
Fort Massac Rest Area	Illinois Department of Transportation	Truck Parking	Construction	\$2,000,000.00	\$0.00	\$9,679,234.00	\$11,679,234.00
Coalfield Rest Area	Illinois Department of Transportation	Truck Parking	Construction	\$3,000,000.00	\$0.00	\$15,500,000.00	\$18,500,000.00
Interstate 55/70	Illinois Department of Transportation	Highway	Engineering	\$10,000,000.00	\$0.00	\$2,500,000.00	\$20,000,000.00
Illinois 50 and Interstate 57 Interchange	Illinois Department of Transportation	Interchange	Construction	\$7,000,000.00	\$0.00	\$1,750,000.00	\$8,750,000.00
Interstate 57 and Illinois 17 Interchange	Illinois Department of Transportation	Interchange	Construction	\$40,000,000.00	\$22,700,000.00	\$10,000,000.00	\$95,000,000.00
Congestion Reduction and Safety	Kaskaskia Regional Port District	Port	Engineering, Construction	\$4,323,800.00	\$0.00	\$1,080,950.00	\$5,404,750.00

Illinois Department of Transportation

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# Illinois Department of Transportation (IDOT) Update



## 2023 FREIGHT INVESTMENT PLAN Selected Projects and Funding Amounts

March 2023

Project Name	Sponsor Name	Project Type	Phase(s)	National Highway Freight Program Amount	Federal Other Amount	Match Amount	Total Project Cost
Intermodal Project	Mid-America Port District	Port	Engineering	\$145,440.00	\$0.00	\$36,360.00	\$181,800.00
Northeast Illinois Transload Intermodal Expansion	Rochelle	Rail	Construction	\$5,205,569.76	\$0.00	\$1,644,424.24	\$6,849,994.00
Illinois 3 Diversion	Sauget	Grade Separation	Engineering	\$771,960.00	\$1,103,040.00	\$525,000.00	\$2,400,000.00
New Port Access Road	Shawneetown	Port	Engineering	\$400,000.00	\$0.00	\$100,000.00	\$500,000.00
Interstate 57 and Illinois 149 Interchange	West Frankfort	Interchange	Engineering, Land Acquisition, Utility, Construction	\$18,326,000.00	\$0.00	\$6,409,000.00	\$24,735,000.00
<b>Grand Total</b>				<b>\$197,528,635.56</b>		<b>\$151,041,050.49</b>	<b>\$441,189,579.05</b>

*Total project cost may differ from summed federal and match amount due to overmatch. Rounding may affect federal and match amount sums.*

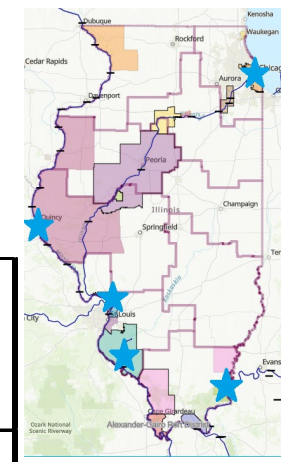
# Illinois Department of Transportation (IDOT) Update



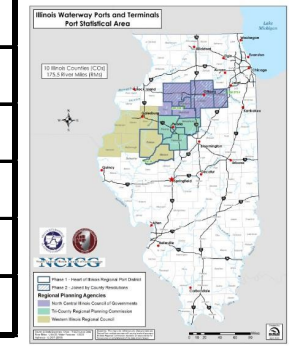
## 2022 Illinois Competitive Freight Program Awards for Ports

Project awards were announced March 30, 2023. Ports were awarded \$15,427,387, spread out over 3 years, towards engineering and construction phases for port infrastructure improvement projects.

IL Public Ports



IL Waterways Commission



Sponsor Name	Project Name	Phase	State Fiscal Year	Federal Freight Amount
Americas Central PD	Industrial Roadway Improvement Phase III	Construction	26	\$2,100,000
Americas Central PD	Habor Dock Improvements-Phase II	Construction	26	\$3,636,000
Illinois International PD	Butler Dr/Stony Island Ave Reconstruction	Construction	26	\$4,822,147
Kaskaskia Regional PD	Congestion Reduction & Safety	Phase I Engineering	24	\$60,688
Kaskaskia Regional PD	Congestion Reduction & Safety	Phase II Engineering	25	\$242,752
Kaskaskia Regional PD	Congestion Reduction & Safety	Construction	26	\$4,020,360
Mid America Intermodal Authority PD	Intermodal Project	Phase I Engineering	24	\$145,440
Shawneetown Regional PD	New Port Access Road	Phase I Engineering	24	\$400,000

# Illinois Department of Transportation (IDOT) Update



## 2022 Illinois Competitive Freight Program Awards for Ports

**America's Central Port District (Granite City) - Industrial District Roadway Improvement - Phase 3** - This project was awarded \$2,100,000 for construction to rebuild West 7th and C Streets on port's main industrial park, in Madison, IL. Both streets are part of an 1940s-era perimeter roadway on former US Army Depot property. This is the third and final phase of construction. Approximately 3,200 ft of oil and chip, and old asphalt roadway would be removed to construct a new concrete roadway capable of handling the current and future truck capacity and load demands within the industrial park.

**America's Central Port District (Granite City) (ACPD) - Harbor Dock Improvement Project - Phase 2** - This project was awarded \$3,636,000 for construction to rehabilitate and expand the original general cargo dock within the Port. This award is for the final phase of the general cargo dock expansion project. Construction will consist of a new heavily reinforced concrete surface for the northern half of the existing dock and the new extension, reconstruction of the railroad track that will serve this expanded dock and a new lighting system that will provide a 24 hour safe working environment for the entire dock.

# Illinois Department of Transportation (IDOT) Update



## 2022 Illinois Competitive Freight Program Awards for Ports

**Illinois International Port District (Chicago) – Butler Drive & Stony Island Avenue Reconstruction** project was awarded \$4,822,147 additional funds totaling \$15,280,000 in federal funds for reconstruction of Butler Drive from Doty Avenue to Stony Island and reconstruction of Stony Island Avenue from Butler Drive south to 130th Street. Butler drive reconstruction will include electrical utility upgrades and Stony Island reconstruction will include an additional inbound lane. The two roadways provide sole access to the Illinois International Port District’s facilities on the south side of Lake Calumet.

**Kaskaskia Regional Port District (KRPD) – Terminal #2 Congestion Reduction and Safety Improvements** project was awarded \$4,323,800 for reconstructing 3,000 ft of rail, add 170 ft of additional rail, complete 7 tourn outs, and a sheet pile retaining wall. Recommendations from a completed Port Master Plan stated a need for reducing congestion at the port’s terminals. Due to current demand at Terminal #2 and anticipated future movement of cargo through the port, the port will require additional rail storage areas and improvements to prepare the port for an additional dock.



## 2022 Illinois Competitive Freight Program Awards for Ports

### **Mid America Intermodal Authority Port District (Quincy) – Intermodal**

Project was awarded \$145,440 for phase I Engineering to add 6,000 ft of rail and add a truck transload area. Demand for rail cargo shipments has increased the need for additional rail infrastructure. The rail extension and truck transload area will aid in port operations and support increased demand for movement of agricultural and industrial cargo.

### **Shawneetown Regional Port District (SRPD) – New Port Access Road**

Project was awarded \$400,000 for Phase I Engineering to construct a 1.1 mile port access and truck staging road that connects to IL 13. The additional port entrance will provide a safe access point for trucks to turn on and off IL 13. The access road will have additional staging lanes to alleviate inbound and outbound truck staging congestion on the port, prevent trucks backing up near the current 0.25 mile access and staging road, support truck staging that is currently diverting to the local road network for additional staging space, and prepare the port for further expansion.

# Illinois Department of Transportation (IDOT) Update



## IDOT Modal Plans

**Long Rang Transportation Plan (LRTP)** - Completed every 5 years. Currently underway with an anticipated completion date of 2024.

**State Freight Plan** - Completed every 4 years. Last completed June 2023.

**Rail Plan** - Completed every 4 years. Currently underway with an anticipated completion date of 2024.

**Active Transportation Plan (ATP)** - Currently underway with an anticipated completion date of 2024.

**Statewide Public Transportation Plan** - Currently underway with an anticipated completion date of 2025.

**ILWW Ports Commission Port Master Plan Study** - An application for SPR Grant Program Funds is anticipated during the next “Call for Projects”.

\* There are also a number of other modal plans that are either underway or anticipated starting soon.



# Illinois Department of Transportation (IDOT) Update



Brian McCoy – Presenting next slides



## Funding Programs for Clean Ports and Port Electrification

- U.S. Environmental Protection Agency (EPA) –
  - Diesel Emissions Reduction Act (DERA)
  - Clean Ports Program
  - Clean Heavy-Duty Vehicle Program
- IL EPA - DERA: Driving a Cleaner Illinois
- US Department of Transportation (DOT)
  - Reduction of Truck Emissions at Port Facilities (RTEPF) Program
- Federal Transit Administration (FTA)
  - Electric or Low Emitting Ferry Pilot Program



- **2024 State Planning and Research Fund Project for IMTS**

- Port District and Water Terminal Directory
- Illinois Waterborne Transportation Database, (2013-2023): includes barge and terminal rates, truck and rail rates for comparison
- Develop a Illinois Marine Transportation System Report
  - Port and Terminal needs
  - IMTS describe the IMTS directory and the Waterborne Transportation Database
  - Guidance and Resources for IL Port Districts

## Resources

- **Illinois Marine Transportation System (IMTS) Website**

<https://idot.illinois.gov/transportation-system/transportation-management/planning/index>

- **Rebuild Illinois - Illinois Port Facilities Capitol Investment Grant Program**

<https://idot.illinois.gov/transportation-system/transportation-management/planning/illinois-port-facilities-capital-grant-program>

Awards: <https://idot.illinois.gov/Assets/uploads/files/Transportation-System/Reports/OP&P/Marine/RBI-Port-Project-Awards.pdf>

- **Illinois Competitive Freight Program**

<https://idot.illinois.gov/transportation-system/transportation-management/planning/illinois-competitive-freight-program>

Awards:

- **Statewide Planning & Research Program**

<https://idot.illinois.gov/transportation-system/transportation-management/planning/index>

# Thank You!

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