









Maritime Administration

Updates and Opportunities in the Great Lakes Gateway

Mike Sullivan – Director, Great Lakes Gateway *March 13, 2024*



USDOT Leadership & Mission



Maritime Administrator
Ann Phillips



Secretary of Transportation Pete Buttigieg



Deputy Maritime Administrator Tamekia Flack

The mission of the **Agency** is to: Foster and promote the U.S. Merchant Marine and the American maritime industry to strengthen the maritime transportation system – including landside infrastructure, the shipbuilding and repair industry, and labor – to meet the economic and national security needs of our Nation.





U.S. Maritime Administration Missions



Port Development

National and Economic Security

Strategic Sealift & Emergency Response

Mariner Education & Workforce Development

Environment and Innovation

Stakeholder Engagement

Office of Ports & Waterways

- Increase national cargo capacity and improve reliability of freight moving through ports.
- Reduce congestion and emissions near ports and reduce the environmental impact on neighboring communities
- Drive electrification and other low-carbon technologies
- Make U.S. ports more modern, resilient, and sustainable
- Promote waterways as an efficient, effective, and sustainable surface transportation option
- Support U.S. competitiveness and expedite the flow of commerce across supply chains

Office of Maritime & Intermodal Outreach – 'Gateways'



- Intermodal Outreach
- Maritime Security

- Emergency Preparedness
- Supply Chain Resiliency





Supply Chain Engagement

- USDOT has established the Office of Multimodal Freight Infrastructure and Policy to carry out a national multimodal freight policy and related activities.
- Local / Regional Transportation Planning Outreach
- State Freight Updates
 - Requires State freight plans to include categories on supply chain cargo flows, inventory of commercial ports, impacts of e-commerce, and strategies and goals to address impacts of freight movement on the environment
 - Changes to National Highway Freight Program (NHFP)
 - Adds eligibility for modernization/rehab of a lock and dam or a marine highway corridor, connector, or crossing





Examples of Great Lakes Supply Chain Maritime Integration



Metropolitan Planning Organizations (MPOs)

Toledo Metropolitan Area Council of Government (TMACOG)

- Freight Advisory Group
 Duluth-Superior Metro Interstate Council
 (DSMIC)
- Harbor Technical Advisory Council



State Department of Transportation Freight Advisory Councils

Minnesota

Wisconsin

Illinois

Ohio

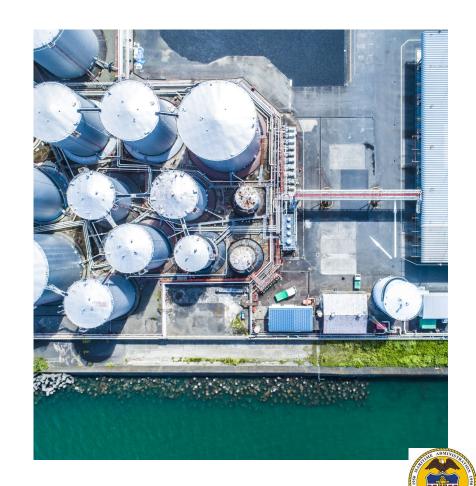




Port Infrastructure Development Program (PIDP) Grants

Grants to improve facilities within, or outside of and directly related to operations of coastal seaports, inland river ports, and Great Lakes ports.

- \$450 million appropriated for FY22
 - 25% (\$112.5 million) reserved for Small Project at Small Ports
 - No minimum award
- Federal share 80%
- Upcoming Webinars on How to Apply and Benefit Cost Analysis (BCA) preparation
- Applications must be submitted by 11:59 p.m. E.D.T. on April 30, 2024.



Port Infrastructure Development Program (PIDP) Grants

- Eligible projects "improve the safety, efficiency, or reliability" the loading and unloading of goods into, out of, around, or within a port.
 - Port gate improvements;
 - Road improvements (within and connecting to port);
 - Rail improvements (within and connecting to port);
 - Berth improvements (incl. incidental dredging);
 - Fixed landside improvements;
 - Utilities necessary for safe operation or incidental to a larger project.
 - Operational improvements to improve port resilience or environmental and emissions mitigation measures.
- Small Projects at Small Ports
 - A small port is defined as a coastal seaport, Great Lakes, or inland river port to and from which the average annual tonnage of cargo during the 3 calendar years immediately preceding the time of application is less than 8,000,000 short tons.
 - No single grant award to be more than \$11.25 million
 - Benefit Cost Analysis for small projects not required







Monona County, Iowa & NEW Cooperative Inc.

Grain-handling and fertilizer facility expansion.

2023 PIDP Grant Award: \$9,276,352





United States Marine Highway Program (USMH)

- Works with manufacturers, vessel operators, ports, and public and private stakeholders to build economically competitive alternative supply chains that utilize our waterways and administers grants to address capital risks and other obstacles to service development.
- Incorporates routes into the National Freight Strategic Plan and National Multimodal Freight Network for an integrated transportation system.
- Program changes under <u>FY 2023 Natl. Defense Authorization Act</u> to expand project cargoes and eligibility.
- What can Marine Highway Grant funds be used for?
 - Port and landside infrastructure
 - Cargo handling equipment
 - New or used vessel purchase, lease, or modification



• Planning, preparation and design efforts in support of marine highway projects (cannot be used for market related studies)







Major USDOT Port Infrastructure Grant Programs

- Rebuilding American Infrastructure with Sustainability and Equity (RAISE) (\$5M \$25M, \$1M Rural)
 - Also referred as TIGER and BUILD. Minimum Award \$5M, (\$1M Rural)
- Infrastructure for Rebuilding America (INFRA) (\$25M \$100M, \$5M Rural)
 - Minimum Award \$25M (\$5M rural) Max \$100M
- National Infrastructure Project Assistance (MEGA)
- Rural Surface Transportation (Rural) Grant Program
 - 90 % of grant awards over \$25M, 10% less than \$25M
- Federal Railroad Administration (FRA) Grants and Loans
- Federal Highway Administration (FHWA) State Formula / Vehicle Emissions Programs (CMAQ, Rural STBP, PROTECT)
- Build America Bureau for Innovative Project Financing











Additional Port Funding Opportunities

- Environmental Protection Agency (EPA)
 - Clean Heavy-Duty Vehicle Program \$1 Billion replace dirty heavy-duty vehicles
 - Clean Ports Program \$3 Billion to fund zero-emission port equipment & climate planning
 - Notice of Funding Opportunity released 2/29/2024 applications due May 28, 2024
- Federal Emergency Management Agency (FEMA)
 - Port Security Grants Annual appropriation of \$100M applications due in Spring.
 - Building Resilient Infrastructure and Communities (BRIC) / Hazard Mitigation
- Department of Energy (DOE)
- Economic Development Administration (EDA)





General Grant Rules of Thumb

- For most USDOT Funding Opportunities, these are Eligible Applicants
 - State and/or local governments (cities/counties)
 - MPOs/Planning Councils
 - Port authorities;
 - Tribes
 - **Public-Private Partnerships are encouraged

• Eligible Projects

- Infrastructure inside & outside of the terminal gates that improve efficiency of freight
- Loading an unloading of goods; Movement of goods into, out of, around, or within a port, such as for highway or rail infrastructure, intermodal facilities, freight intelligent transportation systems, and digital infrastructure systems; Operational improvements, including projects to improve port resilience; or Environmental and emissions mitigation measures
- Match/Federal Share Most grants require a 20% non-federal match from the applicant (80% federal share) consider putting in more \$ if you can
- **NEPA** Must be complete before the Grant Agreement is signed
- **Buy America/Buy American** Required for all grants











Additional Grant Rules of Thumb Evaluating Applications

Effect on the Movement of Goods

Climate Change and Environmental Justice

Racial Equity and Reducing Barriers to Opportunity

Environmental Review

Technical Capacity

WHAT DO YOU WANT TO DO?



Apply for DOT Grants



Find Technical Assistance Resources



Learn About the Bipartisan Infrastructure Law

USDOT Navigator

The DOT Navigator is a resource to help communities understand the best ways to apply for grants, and to plan for and deliver transformative infrastructure projects and services.

https://www.transportation.gov/dot-navigator/





Port Planning & Investment Toolkit

The Toolkit Modules Can Be Used to Help Ports:

- Evaluate conditions
- Define problems
- Prepare plans
- Communicate needs
- Engage partners
- Access funding
- Complete projects

Modules include:

- Planning
- Feasibility
- Financing
- ITS
- Marine Highway Program

Toolkit helps ports obtain funding





Port Planning and Investment Toolkit











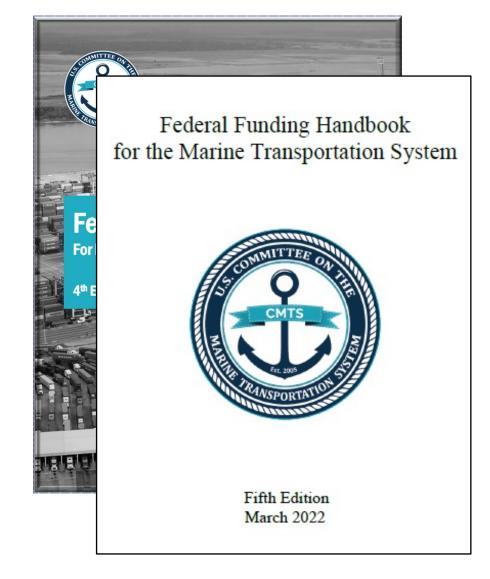


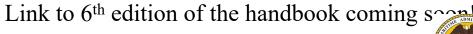




Committee on Marine Transportation Systems (CMTS) Federal Funding Handbook

- Compilation of marine transportation system-related Federal funding programs
- Table of Contents and Appendices organize programs by category, alphabetical order, agency, and assistance type
- Clickable links navigate users through the handbook, to program websites, and to program POCs
- Programs provide hundreds of millions of federal dollars to invest in the infrastructure that supports the U.S. Marine Transportation System







Environment & Innovation

Maritime Environmental and Technical Assistance (META) Program

• The META program promotes the research, demonstration, and development of emerging technologies, practices, and processes that improve maritime industrial environmental sustainability

Environmental Projects

• Through the META Program, MARAD partners with Federal, state, and local agencies, the maritime industry and academia, to develop and carry out projects that provide all stakeholders with useful information and insight on maritime environmental issues.



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Resources

- USDOT Funding Opportunities
 - https://www.transportation.gov/rural/funding-opportunities
- Upcoming Notice of Funding Opportunity Announcements
 - https://www.transportation.gov/bipartisan-infrastructure-law/key-notices-funding-opportunity
- EPA Funding Opportunities for Ports & Near-Port Communities
 - https://www.epa.gov/ports-initiative/funding-opportunities-ports-and-near-port-communities
- Federal Grant Reporting Requirements
 - <a href="https://www.maritime.dot.gov/grants/federal-grant-assistance
- Infrastructure For Rebuilding America (INFRA)
 - https://www.transportation.gov/buildamerica/infragrants
- Rebuilding American Infrastructure with Sustainability and Equity (RAISE)
 - https://www.transportation.gov/RAISEgrants
- Port Infrastructure Development Grants
 - https://www.maritime.dot.gov/PIDPgrants
- Bipartisan Infrastructure Law: Maritime Administration
 - https://www.maritime.dot.gov/about-us/bipartisan-infrastructure-law-maritime-administration
- United States Marine Highway Program
 - https://www.maritime.dot.gov/grants/marine-highways/marine-high





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