



Federal Maritime Infrastructure Investments January 2023

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Gateway Director – Pacific Northwest & Alaska

- **Introduction**

- USDOT
- MARAD
- Gateway Offices

- **Federal Infrastructure Assistance**

- Grants
- Financing
- Partnerships

- **BLUF**

- The Maritime Administration promotes the use of waterborne transportation and its seamless integration with other segments of the transportation system, and the viability of the U.S. merchant marine



U.S. Department of Transportation

Mission Statement

To deliver the world's leading transportation system, serving the American people and economy through the safe, efficient, sustainable, and equitable movement of people and goods.



Mission Statement

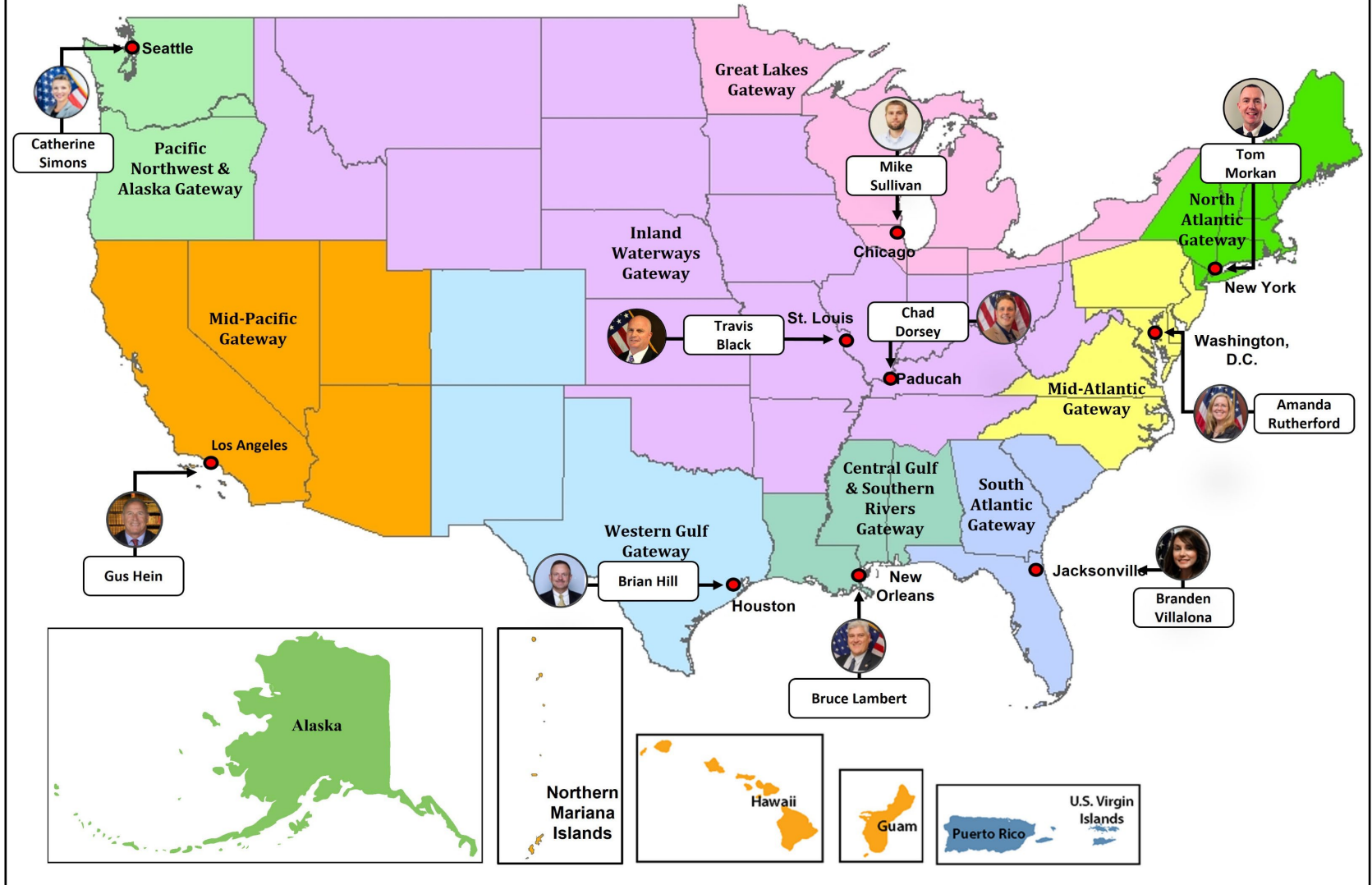
To foster, promote and develop the maritime industry of the United States to meet the nation's economic and security needs.

Overview

- Established: 1950
- Workforce: Approximately 800 employees
 - Headquarters: 272
 - U.S. Merchant Marine Academy: 264
 - Gateway Offices and Fleet Sites: 218
- MARAD Lines of Effort:
 - Economic Security & Maritime Trade
 - National Security & Emergency Response
 - Environment & Innovation
 - Education
 - Data & Statistics
 - Grants & Financial Assistance
 - Outreach



Maritime Administration Gateway Offices



- **Grants**

- Port Infrastructure Development Program (PIDP)
- United States Marine Highway Program (MHP)
- Small Shipyard Grants
- Rebuilding American Infrastructure with Sustainability and Equity (RAISE)
- Multimodal Project Discretionary Grant Opportunity (MPDG)
 - INFRA / MEGA / RURAL

- **Financing**

- Federal Ship Financing Program (Title XI)
- Build America Bureau
 - Eligible Projects:
 - New construction; Rail upgrades and rolling stock; Intermodal transfer facilities; Roadways and bridges
 - Railroad Rehabilitation & Improvement Financing (RRIF)
 - Transportation Infrastructure Finance and Innovation Act (TIFIA)

- **Other Resources**

- DOT Navigator
- Port Planning Investment Toolkit
- CMTS Federal Funding Handbook
- EPA Ports Initiative
- EDA Grants
- FTA Ferry Programs

MARAD FY23 Discretionary Grant Program Overview (current as of 31Jan2023)

- Small Shipyard Grant Program - <https://www.maritime.dot.gov/grants-finances/small-shipyard-grants>
 - FY23 NOFO: <https://www.maritime.dot.gov/grants-finances/small-shipyard-grants>
 - Applications due: February 27, 2023
- Port Infrastructure Development Program (PIDP): <https://cms.marad.dot.gov/PIDPgrants>
 - FY23 Short NOFO: <https://cms.marad.dot.gov/office-port-infrastructure-development/port-and-terminal-infrastructure-development/2019-port-1>
 - Full FY23 NOFO: forthcoming
 - Applications due: April 28, 2023
- United States Marine Highway Program: <https://cms.marad.dot.gov/grants/marine-highways/marine-highway>

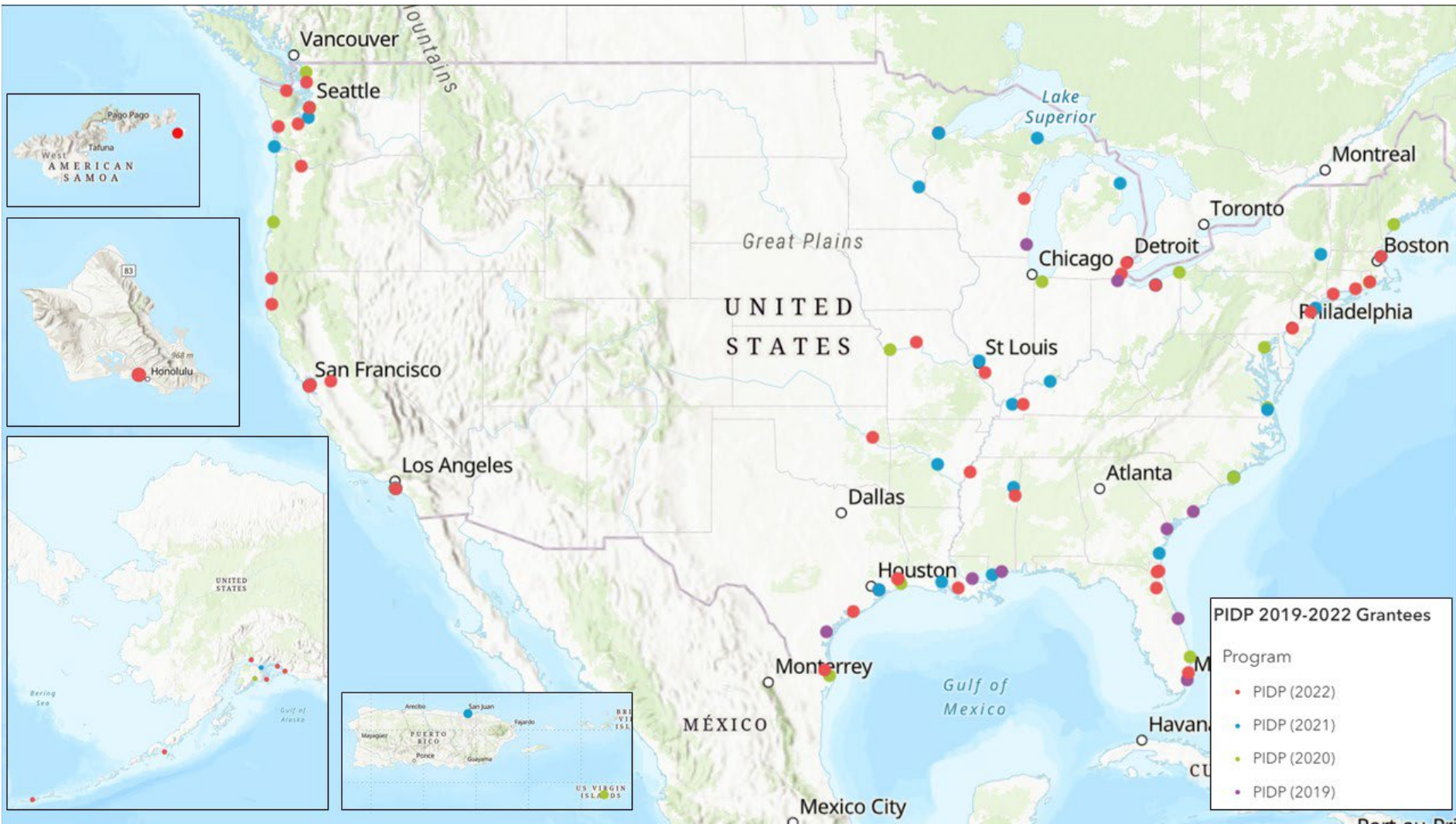
Note: *this program is undergoing significant changes due to legislative changes in the FY23 NDAA. Official guidance is forthcoming.*

 - FY23 Notice of Funding Opportunity (NOFO): anticipated February 28, 2023
 - Applications due: anticipated April 28, 2023
- RAISE - Rebuilding American Infrastructure with Sustainability and Equity:
 - FY23 NOFO: <https://www.transportation.gov/RAISEgrants/raise-nofo>
 - Application due date: February 28, 2023
- MPDG - Multimodal Project Discretionary Grant Opportunity (MEGA, INFRA, RURAL)
 - FY23 NOFO: forthcoming
 - Applications due: TBD
 - FY22 NOFO link: https://www.transportation.gov/sites/dot.gov/files/2022-05/FY22%20Multimodal%20Project%20Discretionary%20Grant%20-%20NOFO_Amendment%201%20.pdf.

Port Infrastructure Development Program (PIDP)

- \$2 billion (\$450 million per year for FY22-26) through BIL plus annual Appropriations.
- Mission to improve port and related freight infrastructure to meet the nation's freight transportation needs.
- Provides planning, capital funding, and project management assistance to improve ports' capacity and efficiency.
- Eligible activities include:
 - Loading and unloading of goods at a port
 - Movement of goods into, out of, around, or within a port
 - Resilience (such as projects addressing rising sea-level, flooding, extreme weather events, natural disasters)
 - Environmental and emissions mitigation measures

PIDP Awards 2019-2022



FY 2022 PIDP Grant Awards

In FY22, MARAD awarded \$703M in grants to 41 projects in 22 states, one territory.

STATE OF ALASKA

- North Extension Stabilization Step 1 Project
Anchorage, Alaska
\$68,700,000
- AMHS Prince William Sound Ferry Terminal Project
Cordova, Tatitlek, and Chenega, Alaska
\$28,248,386
- Port of Adak Pier Five Improvements Project
Adak, Alaska
\$10,161,900
- Sand Point Floating Dock Project
Aleutian Islands, Alaska
\$5,365,000

FY 2023 PIDP Notice of Funding Opportunity (NOFO)

- Total funding available FY23: \$662M
 - BIL - \$450M | FY23 Appropriations - \$212M
 - 25% is reserved for small projects at small ports
 - Defined as less than \$11.25M (under both BIL and Approps)
- Non-contiguous states do not have to meet benefit cost analysis (BCA).
- FY23 Dates: **Closes April 28, 2023**
- Funds for FY 2023 PIDP grants will be awarded on a competitive basis to assist in funding eligible **projects for the purpose of improving the safety, efficiency, or reliability of the movement of goods through ports and intermodal connections to ports.**

Excerpt from Short Form NOFO, page 9

E. Application Review Information, 1. Criteria

The purpose of the PIDP is to improve the safety, efficiency, or reliability of the movement of goods through ports and intermodal connections to ports.

MARAD will evaluate projects that meet the purpose of the PIDP based on their **alignment with the following statutory merit criteria: Achieving Safety, Efficiency, or Reliability Improvements; Supporting Economic Vitality; Leveraging Federal Funding; and Port Resilience.**

MARAD will also consider the extent to which applications align with the selection considerations of:

- Climate Change and Sustainability; Equity and Justice⁴⁰; and Workforce Development, Job Quality, and Wealth Creation, and may give priority to those projects that align well when selecting among highly rated applications.
- Projects will also be evaluated for project readiness and domestic preference compliance.

FY23 PIDP Webinars

- Alaska DOT&PF hosted webinar, Jan 24, 2023
- Recording available - POC: Joanne Schmidt (joanne.schmidt@alaska.gov)

Upcoming MARAD Webinars

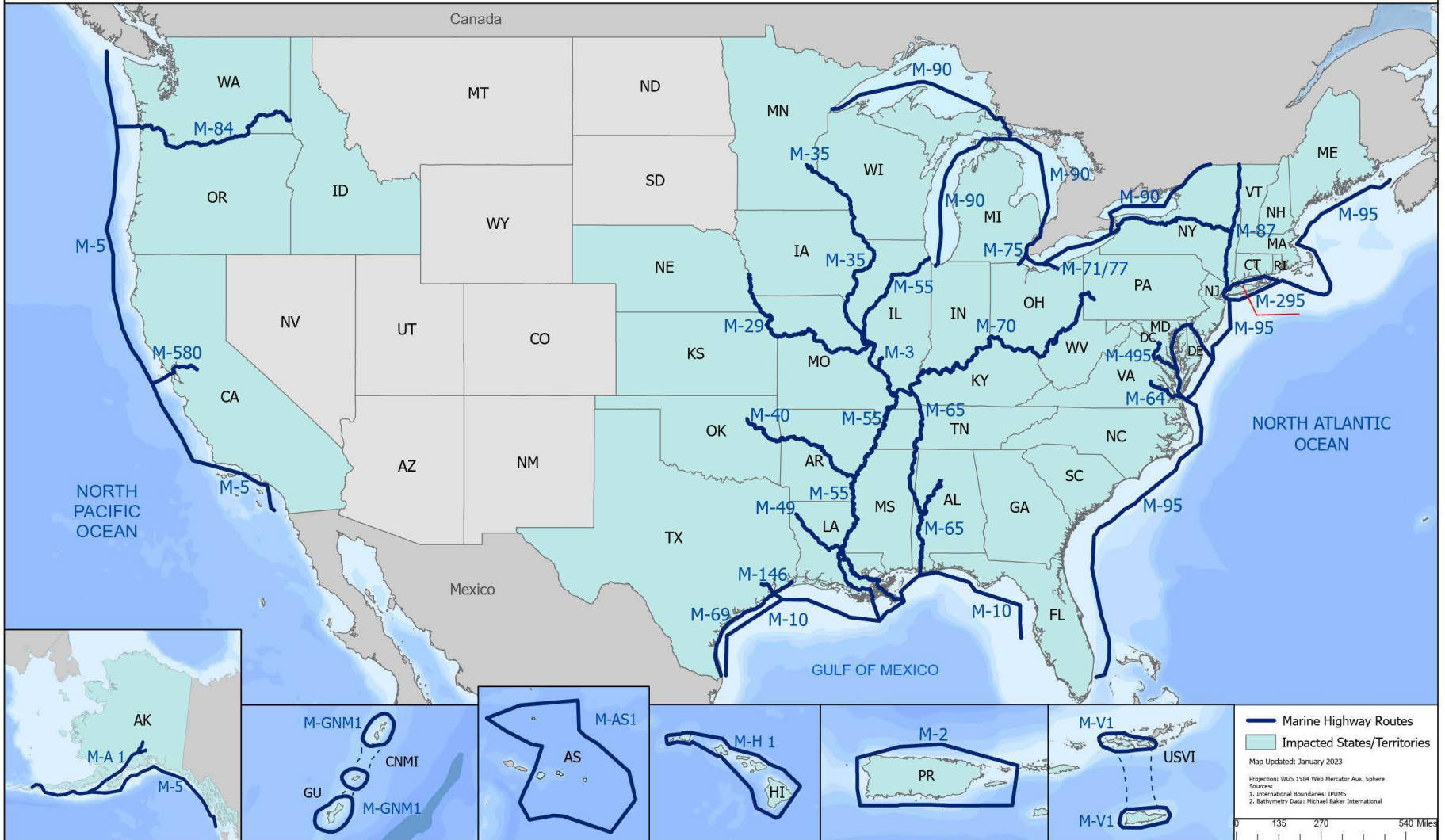
- "How to Apply for a FY23 PIDP Grant" webcast
 - February 15, 2023 from 1:00 - 3:00PM Eastern
- "Preparing a Benefit-Cost Analysis for a Large Project" webcast
 - March 2, 2023 from 1:00 - 3:00PM Eastern
- "Economic Vitality: Small Projects at Small Ports" webcast
 - March 8, 2023 from 1:00 - 3:00PM Eastern.

United States Marine Highway Program (USMHP)

- New role of the Marine Highway Route Sponsors created by the FY23 NDAA
- Total available in FY23: \$10M (Consolidated Appropriations Act, 2023)
- Award Size: NO MAX or MIN award size for funding awarded
- Federal share of the total costs of an eligible project may not exceed 80%.
*Secretary can increase Federal share beyond 80% for rural/tribal projects.
- FY23 Dates:
 - Anticipated NOFO release: February 28, 2023
 - Anticipated closing date: April 28, 2023
- Eligible Projects: port and terminal infrastructure, cargo and/or vessel handling equipment, new or used vessel purchase, lease, or modification, planning, preparation, and design efforts in support of designated Marine Highway Projects

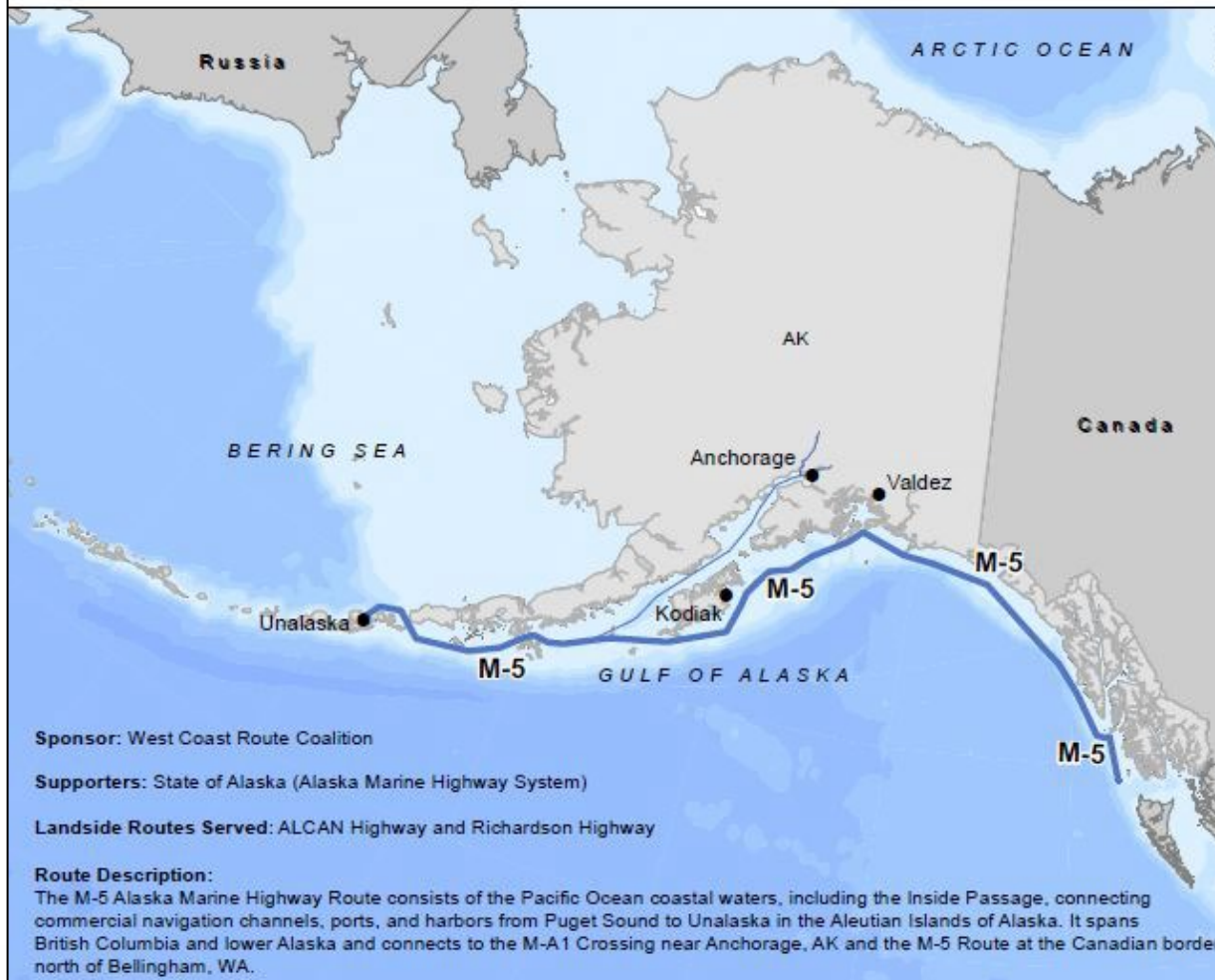


United States Marine Highway Routes



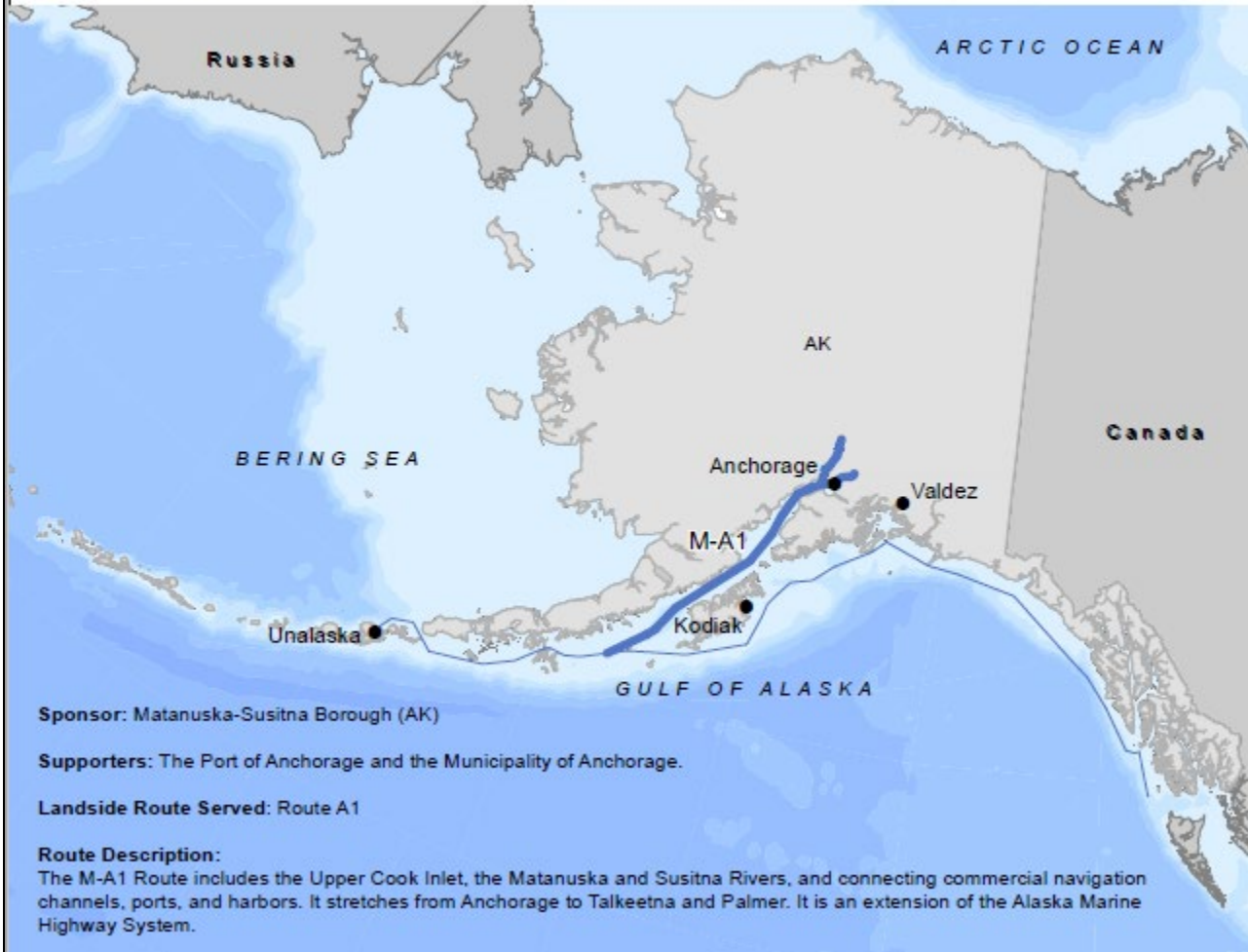


Marine Highway M-5 (AK)





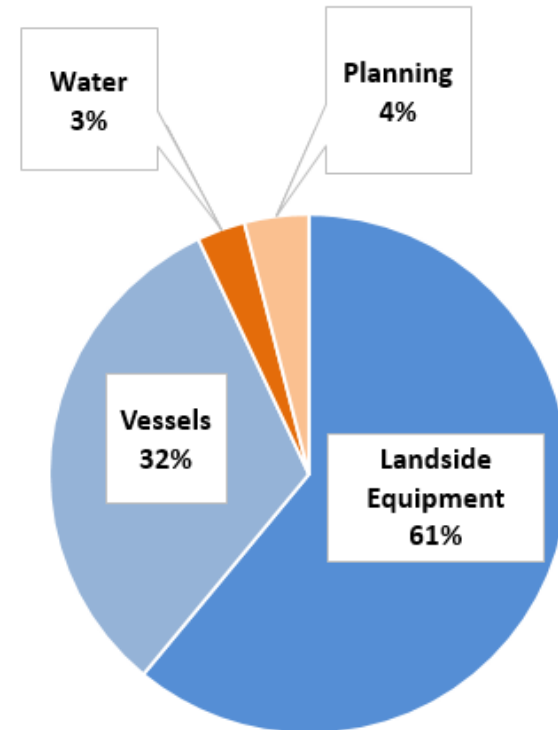
Marine Highway M-A1



BEFORE	AFTER
<p>Former Program Name: “America`s Marine Highway Program”</p>	<p>NEW Program Name: “United States Marine Highway Program”</p>
<p>Marine Highway Transportation definition included the carriage by a documented vessel of cargo (including such carriage of cargo and passengers), if such cargo was:</p> <ul style="list-style-type: none"> - contained in intermodal cargo containers and loaded by crane on the vessel; - loaded on the vessel by means of wheeled technology, including roll-on roll off cargo; - shipped in discrete units or packages that are handled individually, palletized, or unitized for purposes of transportation; - Or freight vehicles carried aboard commuter ferry boats. 	<p>Marine Highway Transportation definition includes the carriage by a documented vessel of cargo (including such carriage of cargo and passengers), if such cargo is:</p> <ul style="list-style-type: none"> - contained in intermodal cargo containers and loaded by crane on the vessel; - loaded on the vessel by means of wheeled technology, including roll-on roll off cargo; - shipped in discrete units or packages that are handled individually, palletized, or unitized for purposes of transportation; - Or freight vehicles carried aboard commuter ferry boats; - (ADDED) bulk, liquid, or loose cargo loaded in tanks, holds, hoppers, or on deck bulk, liquid, and loose cargo.
<p>Marine Highway Transportation definition included shipments loaded at a port in the United States and unloaded either at another port in the United States.</p>	<p>Marine Highway Transportation definition includes shipments loaded at a port in the United States and unloaded either at another port in the United States or at a port in CANADA OR MEXICO; or loaded at a port in Canada or Mexico and unloaded at a port in the United States <i>(no grant funds can be used outside of the U.S.)</i>.</p>
<p>The Marine Highway Program had three steps:</p> <ol style="list-style-type: none"> 1. Designating Marine Highway Routes 2. Designating Marine Highway Projects 3. Federal Support & Awarding Marine Highway Grants 	<p>The Marine Highway Program has TWO STEPS:</p> <ol style="list-style-type: none"> 1. Designating Marine Highway Routes 2. Federal Support & Awarding Marine Highway Grants <p>Project Designations are no longer required in order to be eligible for USMHP grants.</p>
<p>Eligible Applicants: State governments Local and Tribal governments U.S. territories Port authorities MPOs (Metropolitan Planning Organizations) Private Sector Operators or Owners of facilities.</p>	<p>Eligible Applicants: State governments Local and Tribal governments U.S. territories Port authorities MPOs (Metropolitan Planning Organizations) Private Sector Operators or Owners of facilities including an Alaska Native Corporation, with an endorsement letter from the current marine highway route sponsor.</p>

Elements the Marine Highway Program are authorized to support**

- **Landside equipment** is assorted Marine Handling Equipment (MHE),
- **Water** includes in-water items such as dredging of non-federal navigation channels,
- **Vessels** includes purchase, lease, construction or modification of documented vessels, and
- **Planning Grants** includes planning efforts to support the three categories above, but it excludes market related studies.



**46 US Code § 55601(b1)(b3) – Marine highways transportation program (program elements)

Small Shipyard Grants

- Total funding available FY23: \$20.8M
- Closes **February 27, 2023**
- Eligible Projects: capital & related improvements; provide training for workers in shipbuilding, ship repair, and associated industries

FY22 - Small Shipyard Grant Awards

Alaska Highlight

FY2022 – Catalyst Marine Engineering - Seward, AK (awarded \$418,903)

- to support the purchase of two welding units and one propulsion unit. These units are designed to be comprehensive, mobile shipyard repair and service platforms that support a variety of services at one time, in multiple locations. This flexibility will allow crews to be dispatched to different ports at the same time and allow for expanded revenue and an increase in employee base and training.

- **Rebuilding American Infrastructure with Sustainability and Equity (RAISE)**
 - (urban capital projects min award - \$5M , rural capital projects min award - \$1M)
 - Applications due: February 28, 2023
- **MPDG - Multimodal Project Discretionary Grant Opportunity (MEGA, INFRA, RURAL)**
 - FY23 NOFO: forthcoming
 - Applications due: TBD
- **Reconnecting Communities Pilot Program**
- **Rural Opportunities to Use Transportation for Economic Success (ROUTES)**
- **Build America Bureau for Innovative Project Financing**
- **Federal Railroad Administration (FRA) Grants and Loans**
- **Federal Transit Administration (FTA) Grant Programs**
- **Federal Highway Administration (FHWA) Ferry Boat Program**
- **EPA Ports Initiative**
- **EDA Grants**

RAISE Grants
 Rebuilding America Infrastructure with Sustainability and Equity



U.S. Department
 of Transportation

RAISE AWARDS
FY 2022

Marine Service Center Sheetpile Wall and Crane	Alaska	\$7,842,488	Rural	Capital
Clarks Point - Ekuk Road Project	Alaska	\$13,297,800	Rural	Capital
Qawalangin Tribe Port Infrastructure Improvement Project	Alaska	\$22,320,000	Rural	Capital

The toolkit can help ports:

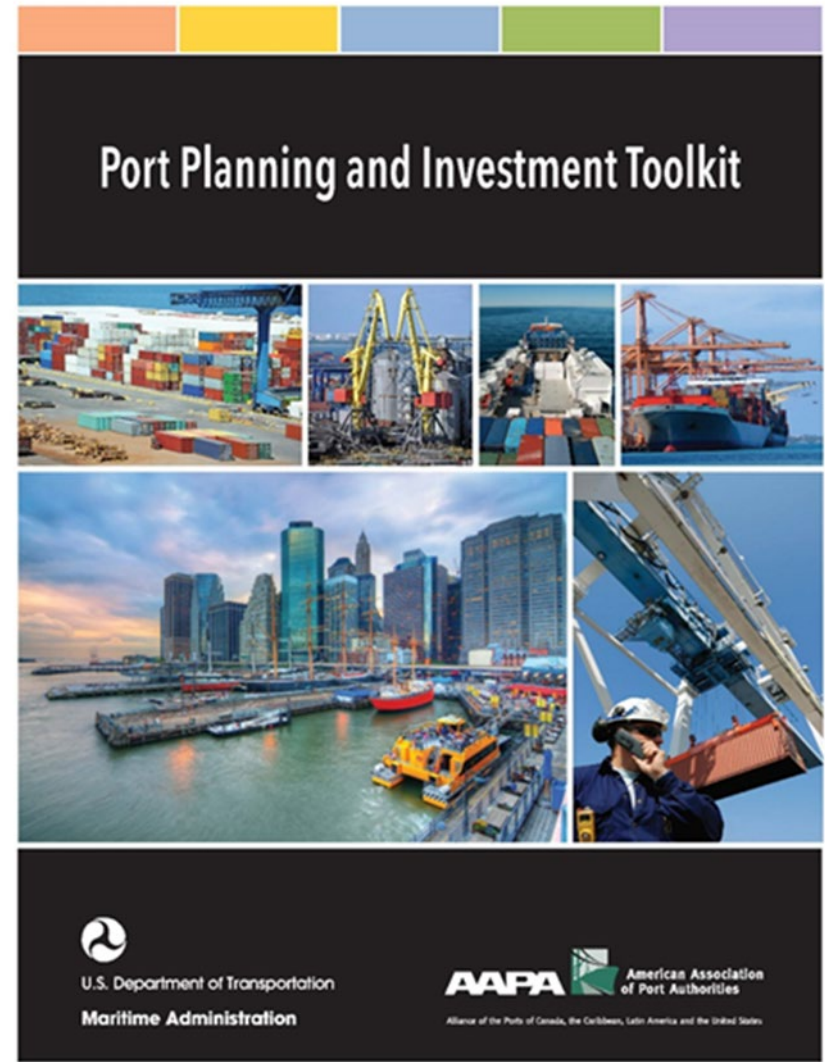
- Evaluate conditions
- Define problems
- Prepare plans
- Communicate needs
- Engage partners
- Access funding
- Complete projects

Modules include:

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

Toolkit helps ports obtain funding.

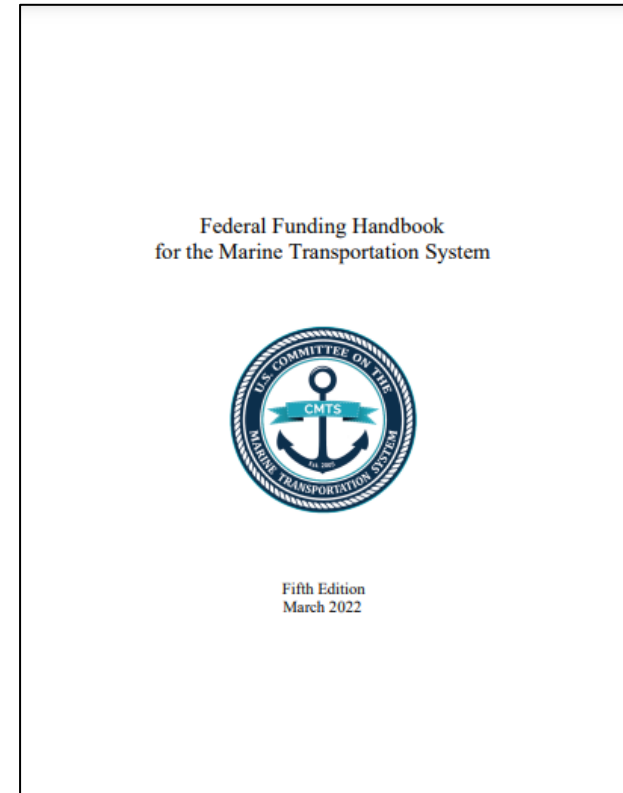
[LINK HERE](#)



The CMTS Federal Funding Handbook contains references to funding, financing, and technical assistance programs for infrastructure in the marine transportation system.

The purpose of the Handbook is to serve as a value-added tool for local and non-Federal level practitioners as well as Federal stakeholders to identify Federal resources.

[LINK HERE](#)



DOT Navigator

- The DOT Navigator is a new resource to help communities understand the best ways to apply for grants, and to plan for and deliver transformative infrastructure projects and services. Whether it's the first time you're applying for a DOT grant or you're looking for more technical details and guidance, the DOT Navigator can help get you started.
- **LINK HERE: <https://www.transportation.gov/dot-navigator>**

Catherine Simons

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BACKUP SLIDES

U.S. Department of Transportation Administrations

- U.S. Department of Transportation Office of the Secretary (OST)
- National Highway Traffic Safety Administration (NHTSA)
- Federal Aviation Administration (FAA)
- Office of Inspector General (OIG)
- Federal Highway Administration (FHWA)
- Pipeline and Hazardous Materials Safety Administration (PHMSA)
- Federal Motor Carrier Safety Administration (FMCSA)
- Federal Railroad Administration (FRA)
- Great Lakes St. Lawrence Seaway Development Corporation (GLS)
- Federal Transit Administration (FTA)
- **Maritime Administration (MARAD)**

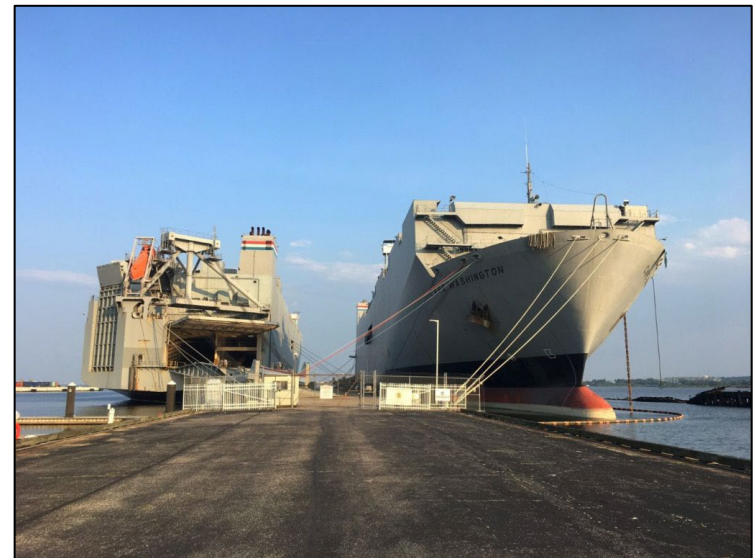
Economic Security & Maritime Trade

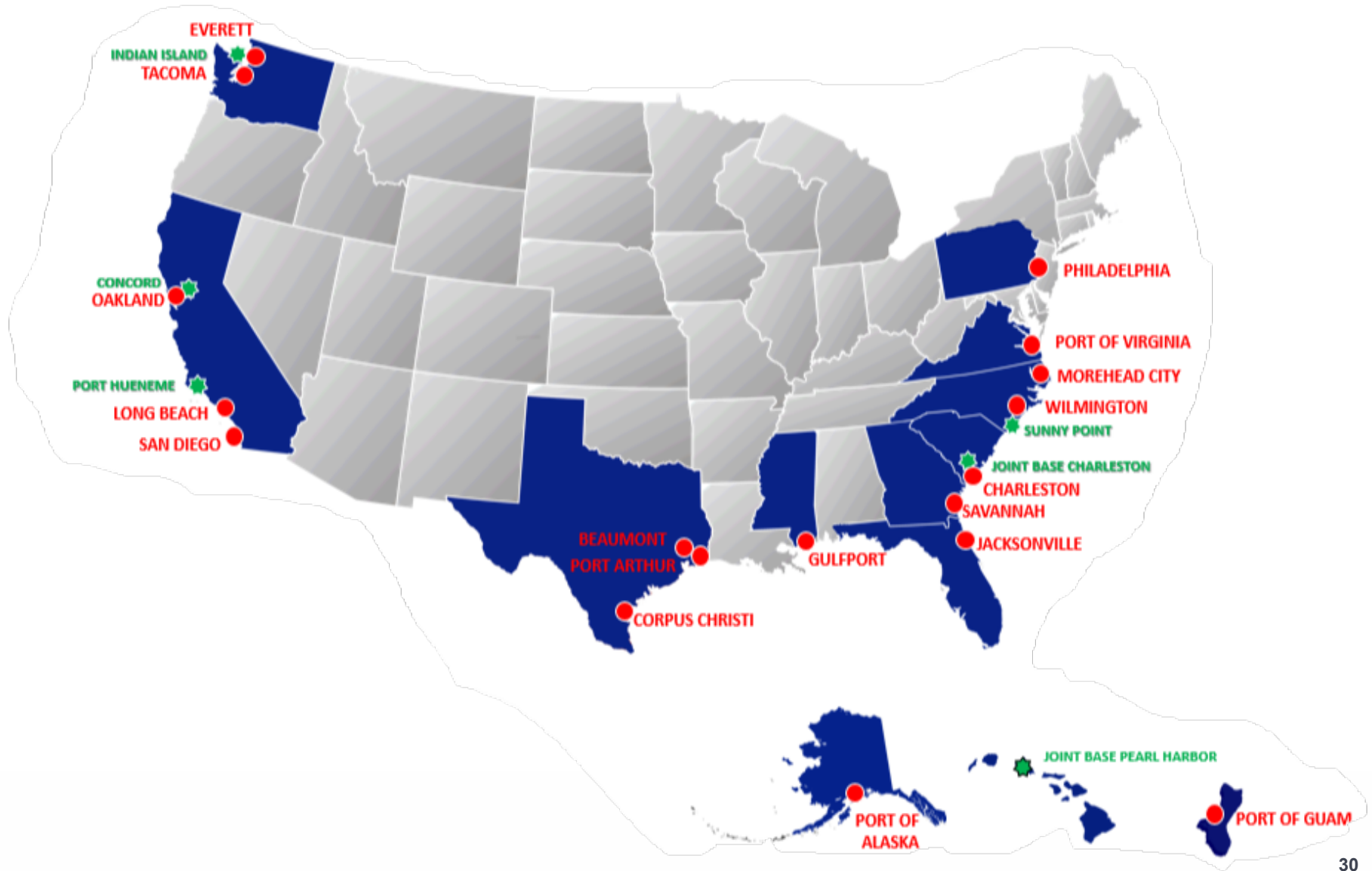
- Federal Grant & Financing Assistance
- Port Conveyance
- Cargo Preference
- Deepwater Port Licensing Program
- International Activities



National Security & Emergency Response

- National Port Readiness Network (NPRN)
- National Defense Reserve Fleet
 - Ready Reserve Force (RRF)
- Strategic Sealift
 - Maritime Security Program
 - Voluntary Intermodal Sealift Agreement (VISA)
- Emergency Preparedness & Response



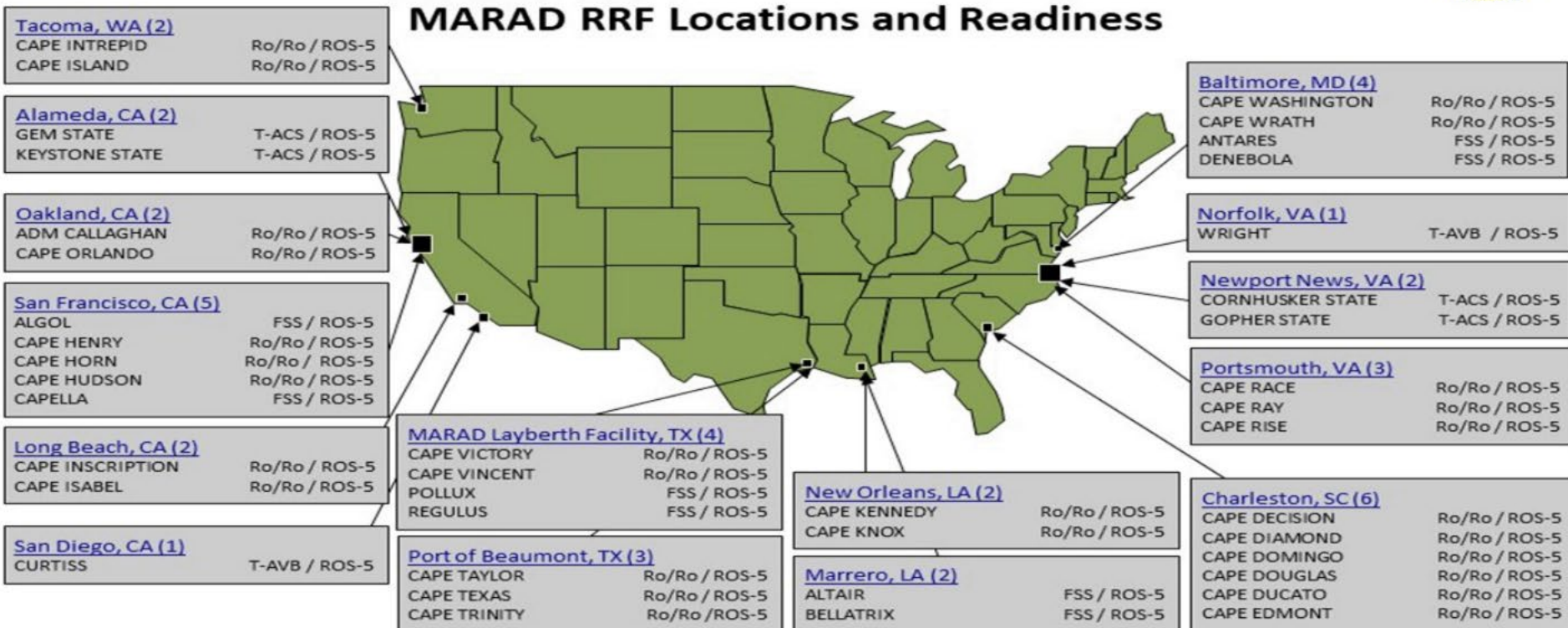




U.S. DEPARTMENT OF TRANSPORTATION
MARITIME ADMINISTRATION



MARAD RRF Locations and Readiness



Maritime Environmental & Technical Assistance (META) Program

- Control of Aquatic Invasive Species
- Ballast Water Treatment
- Hull Fouling
- Vessel & Port Air Emissions
- Liquefied Natural Gas (LNG)
- Hybrid & batteries
- Multimodal modeling



Maritime Academies

- United States Merchant Marine Academy (USMMA)
- **State Maritime Academies**
 - California State University Maritime Academy
 - Great Lakes Maritime Academy
 - Maine Maritime Academy
 - Massachusetts Maritime Academy
 - SUNY Maritime College
 - Texas A&M Maritime Academy
- **K-12 Programs**
- **Centers of Excellence**



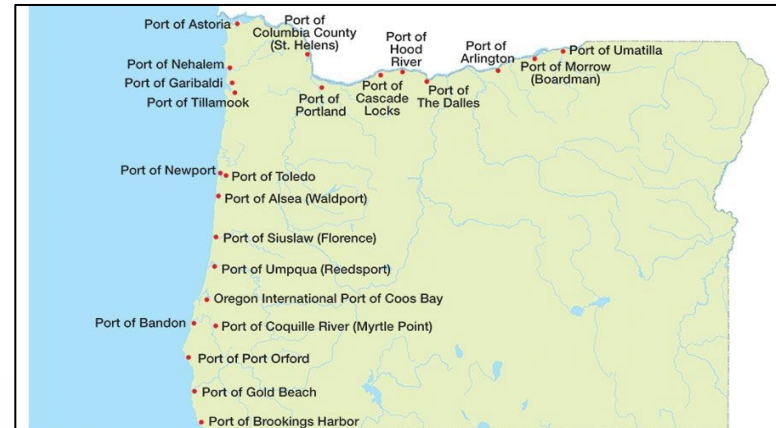
Alaska Harbors



Washington Seaports



Oregon Ports



■ Thriving Communities Program - \$25M

- Who: Disadvantaged communities adversely or disproportionately affected by environmental, climate, and human health policy outcomes
- What: technical tools and organizational capacity to compete for federal aid and deliver quality infrastructure projects that enable their communities and neighborhoods to thrive.
- When:
 - Letter of Interest due December 6, 2022
 - Notice of Funding Opportunity for **organizations providing support** due November 22, 2022
- Link

■ National Culvert Removal, Replacement & Restoration Grants

- Projects that meaningfully improve or restore fish passage for anadromous fish
- Eligible entities: Tribes, States, and units of local government
- Application Deadline: Monday February 6, 2023
- Link

- **Strengthening Mobility and Revolutionizing Transportation (SMART) Grants Program (\$100M)**
 - Projects that use data and tech to solve challenges
 - Examples: Coordinated automation Connected vehicles, Sensors, Systems integration, Smart grid, Traffic signals, and more).
 - Deadline is November 18, 2022
 - Link [HERE](#)

- **Advanced Transportation Technology and Innovation (ATTAIN) Grant Program (\$60M)**
 - Projects that deploy, install, and operate advanced transportation technologies to improve safety, mobility, efficiency, system performance, intermodal connectivity, and infrastructure return on investment.
 - Deadline is November 18, 2022
 - LINK [HERE](#).