



# Maritime Administration (MARAD) Great Lakes Gateway

Duluth-Superior Metropolitan Interstate Council  
Harbor Technical Advisory Committee

December 2, 2020



- **U.S. Department of Transportation Mission**
- **Maritime Administration (MARAD) Mission**
- **MAR-500 Office of Ports & Waterways - Mission and Activities**
- **Port Grant Programs**
- **Marine Highway Program**
- **USDOT Loan Programs**
- **Freight and Planning Programs**
- **Looking Ahead**
- **Question and Answer Period**



**Secretary Elaine Chao**  
**U.S. Secretary of Transportation**

The **mission** of the **Department** is to: Ensure our nation has the safest, most efficient and modern **transportation** system in the world; that improves the quality of life for all American people and communities, from rural to urban, and increases the productivity and competitiveness of American workers and businesses.



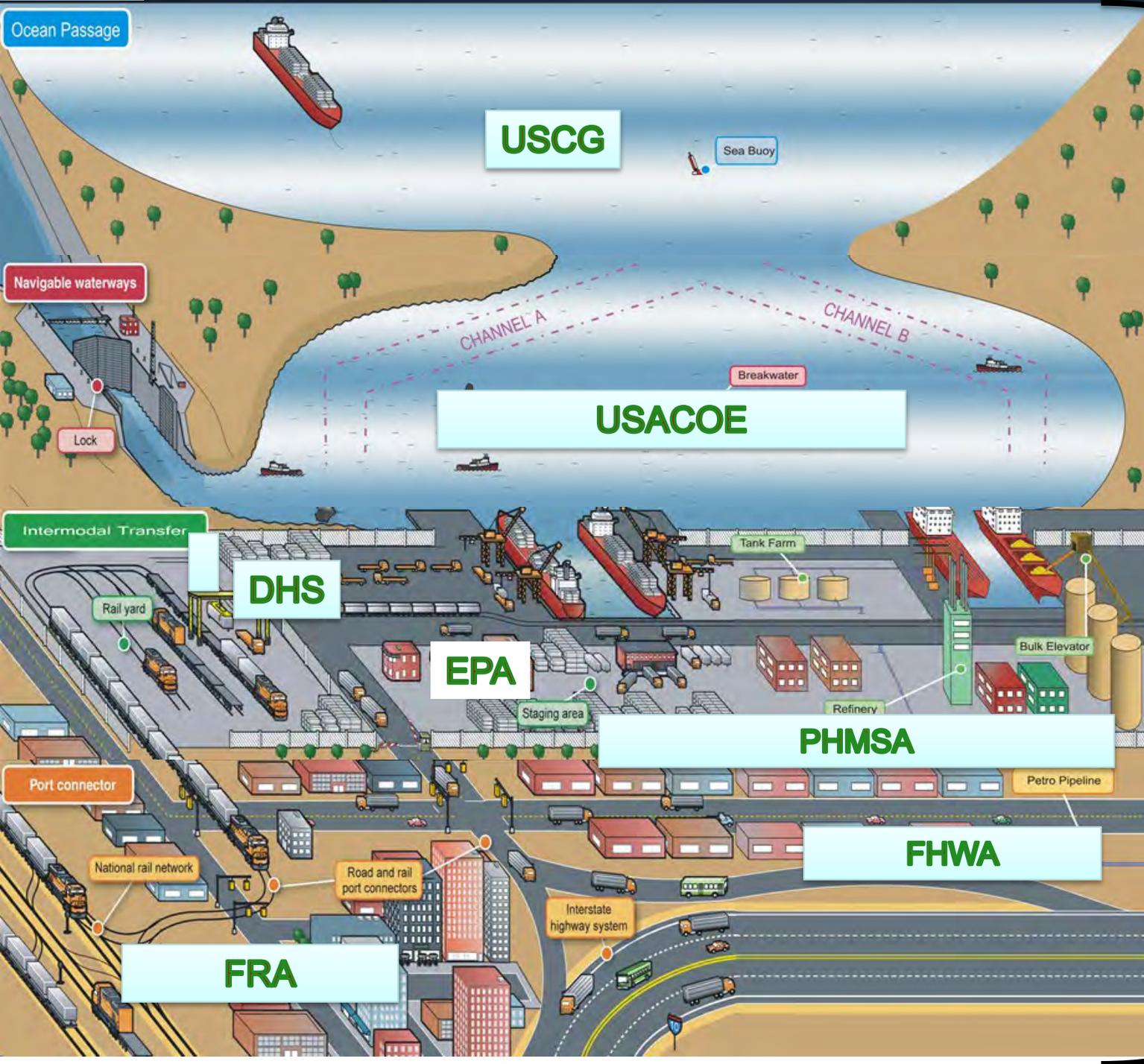
**Administrator Mark Buzby**



**Deputy Administrator Richard Balzano**

**Mission:** 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. Department of Transportation  
Maritime Administration



## MISSION:

Improve the Maritime Transportation System, including Ports, Connectors and Marine Highways through Investment, Integration and Innovation to meet the current and future needs of the Nation.

## VISION:

A capable, connected system – water, road and rail – to benefit every American.



**Office of Ports & Waterways (MAR-500)**

**MAR-540 Office of Federal Assistance Education and Engagement**

**MAR-510**

**Port  
Infrastructure  
Development**

Project  
Management

Grant Management  
Oversight

Cargo Handling  
Cooperative  
Program (CHCP)

**MAR-520**

**Ports &  
Waterways  
Planning**

America's Marine  
Highways

Port Infrastructure  
Development  
Planning

Ferries

Research

**MAR-530**

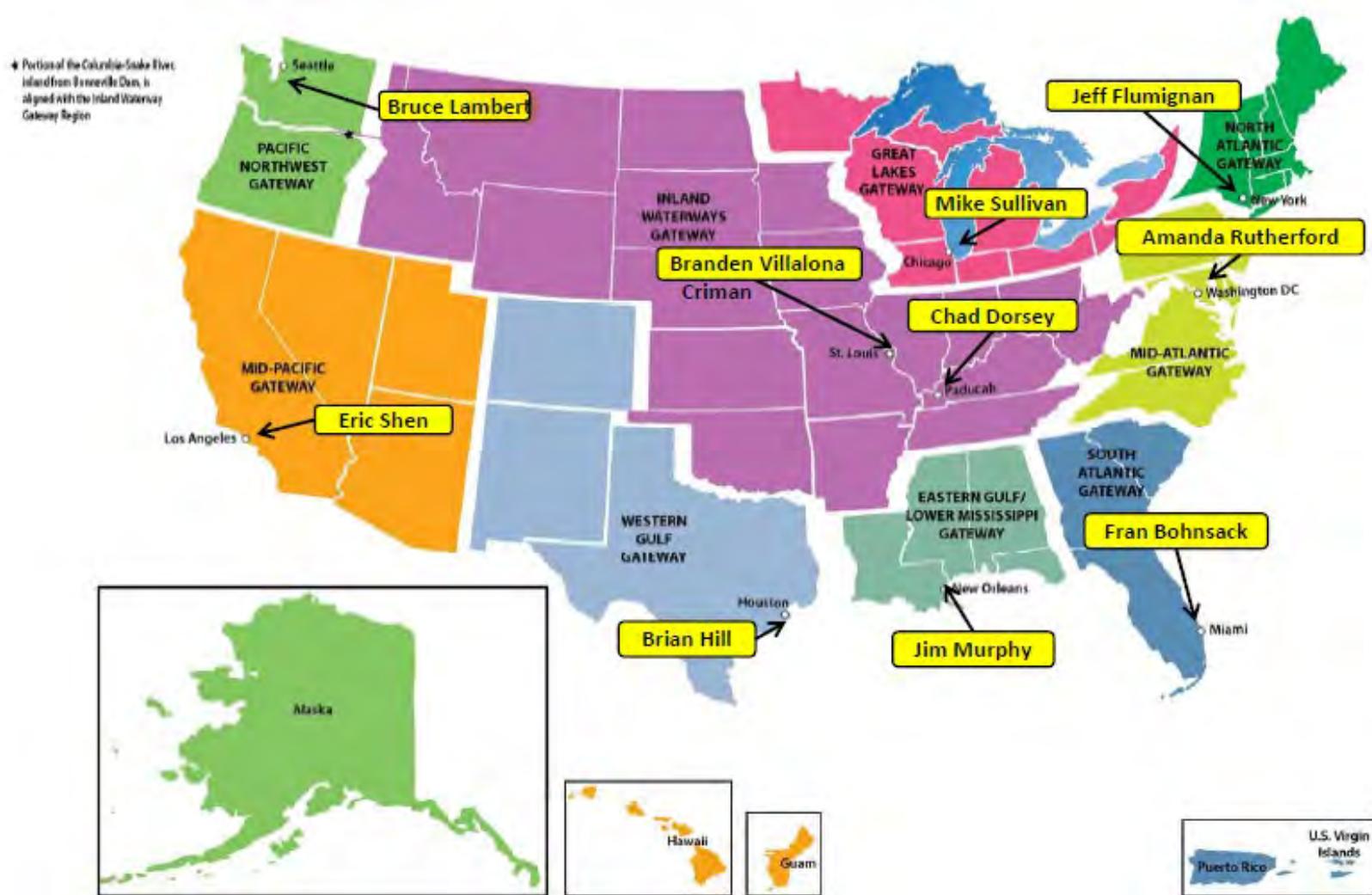
**Deepwater Port  
Licensing & Port  
Conveyance**

Deepwater Port  
Licensing

Port Conveyance  
Program

**MAR-550 Maritime & Intermodal Outreach**

# Gateway Regions and Office Directors



- Providing Port and Intermodal Planning Assistance
- Accessing Funding and Financing Options for Port Modernization and Expansion
- Educating re: P3 Opportunities
- Expanding domestic movement of freight by waterborne transportation
- Administering Grants and Loans for Projects
  - These services are offered to Port Authorities, State Departments of Transportation, Metropolitan Planning Organizations, and Regional and Local communities.
  - Also offered to privately owned port terminal operators, vessel operators, export industry groups, manufacturers, and other stakeholders.



- **Better Utilizing Investments to Leverage Development (BUILD)** – provides a unique opportunity for the DOT to invest in road, rail, transit and port projects that promise to achieve national objectives. Previously known as Transportation Investment Generating Economic Recovery, or TIGER Discretionary Grants.
- **Infrastructure For Rebuilding America (INFRA)** - advances a grant program established in the FAST Act of 2015 to help rebuild America's aging infrastructure. INFRA utilizes selection criteria that promote projects with national and regional economic vitality goals while leveraging non-federal funding to increase the total investment by state, local, and private partners.
- **Port Infrastructure Development Program (PIDP)** - was authorized by the National Defense Authorization Act for Fiscal Year 2020 (NDAA) (Pub. L. No. 116-92, December 20, 2019) and the Further Consolidated Appropriations Act 2020. PIDP was developed to improve facilities within, connecting to, out of, or around coastal seaports, inland river ports and Great Lakes ports.

## ■ **Transportation Infrastructure Finance and Innovation Act (TIFIA)**

TIFIA credit assistance can help advance qualified projects that otherwise might be delayed or deferred because of size, complexity, or uncertainty over the timing of revenues

TIFIA loans offer:

- Flexible repayment terms including a maximum term of 35 years from substantial project completion with Interest rates equivalent to Treasury rates

## ■ **Railroad Rehabilitation & Improvement Financing (RRIF)**

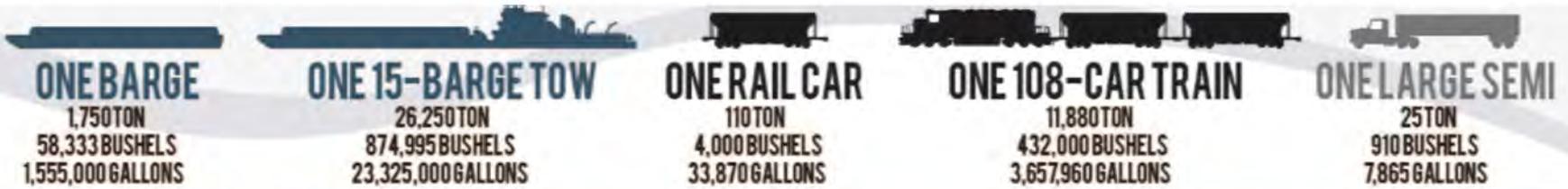
The Railroad Rehabilitation & Improvement Financing (RRIF) program provides direct loans and loan guarantees up to \$35 billion to finance development of railroad infrastructure

- Direct loans can fund up to 100% of a railroad project.

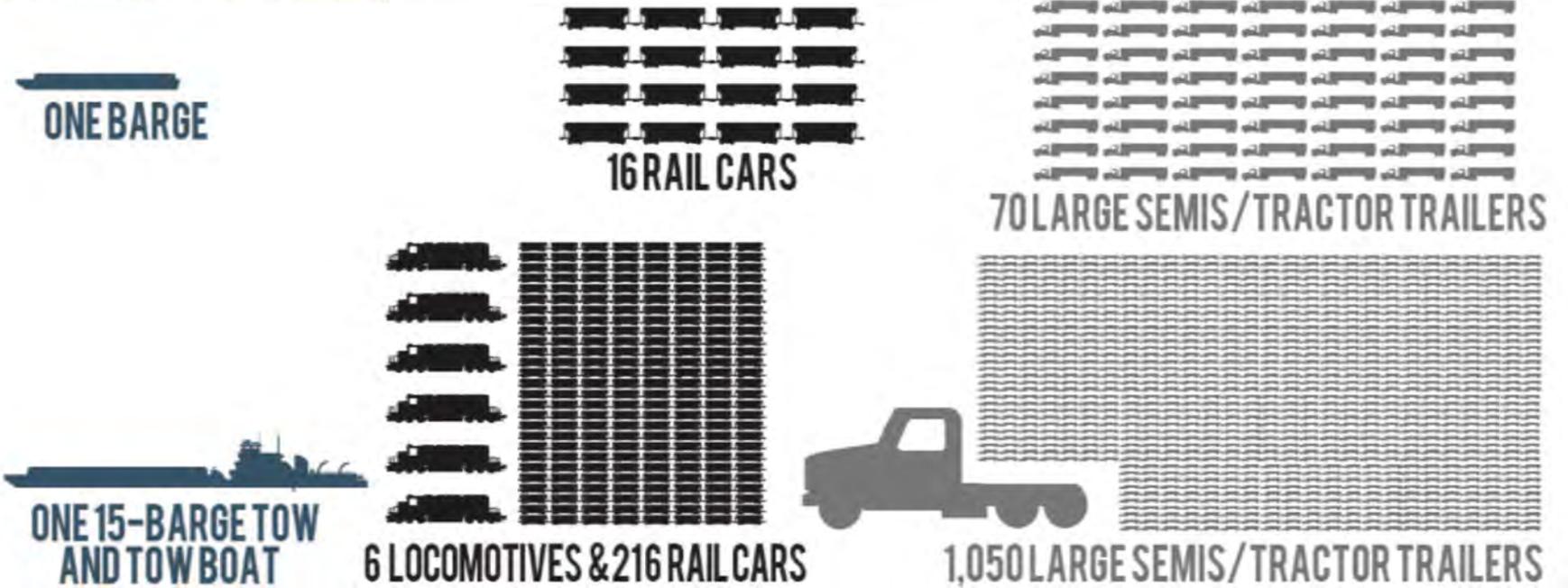
<https://www.transportation.gov/buildamerica/financing/>

- International trade growth will increase congestion
- The U.S. moves about 6% of freight by water; Europe moves about 40%
- 29,000 miles of coastal and inland waterways that are operating well below capacity





## EQUIVALENT UNITS



## EQUIVALENT LENGTHS



## America's Marine Highway Program Office:

- Works with manufacturers, vessel operators, ports, and public and private stakeholders to build economically competitive alternative supply chains that utilize our waterways.
- Incorporates routes into the National Freight Strategic Plan and National Multimodal Freight Network for an integrated transportation system.
- Administers grants to address capital risks and other obstacles to service development.

### Prior Marine Highway Grants

**FY10** - \$2.8M awarded 2 Recipients

**FY16** - \$5.0M awarded 6 Recipients

**FY17** - \$5.0M awarded 6 Recipients

**FY18** - \$7.0M awarded 3 Recipients

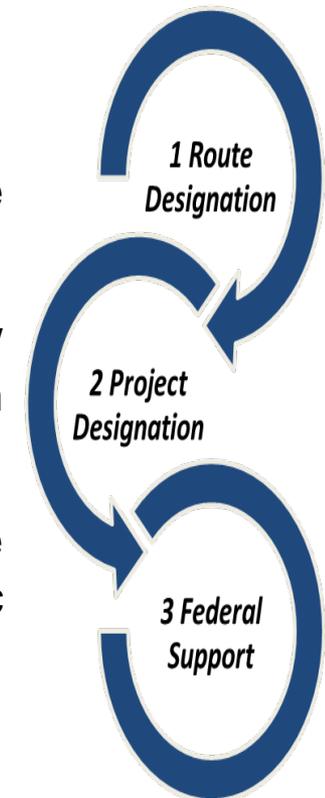
**FY19** - \$7.5M awarded 9 Recipients

**FY20** \$9.775M

Applications currently under review

## What do we do?

- The Marine Highway System consists of **the vast majority of the Nation's navigable waterways** including inland waterways, coastlines, the St Lawrence Seaway, and the Great Lakes
- The Marine Highway Program has **three steps** –
  1. **Designating Marine Highway Routes** which are navigable waterways capable of moving freight
  2. **Designating Marine Highway Projects** which create new or expand existing marine highway services are then designated along those Routes
  3. Applicants of designated Marine Highway Projects or private sector partners with written referrals from the public applicants can then apply for **Marine Highway Grants**



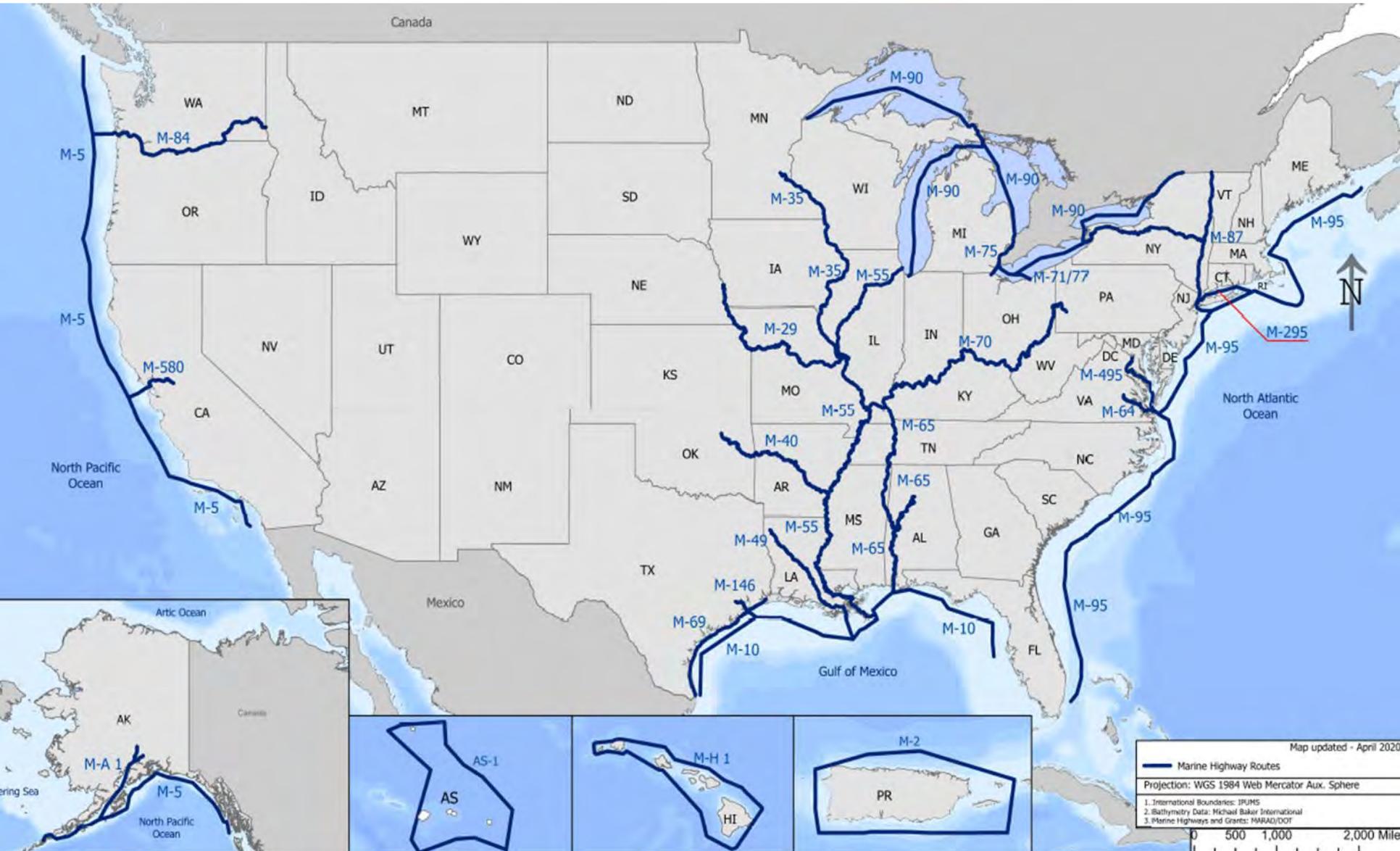
Grants can be used to alleviate the upfront capital risk associated with starting new services



**America's  
Marine Highways**

U.S. Department of Transportation

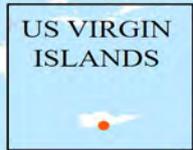
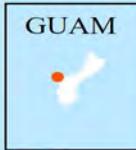
# America's Marine Highway Program Routes



# MARAD Grant Investments Map

AS  
OF

- BUILD ●
- INFRA ●
- PIDP ●
- MARINE HIGHWAY ●
- RRIF ●
- FASTLANE ●
- TIGER ●



## Why our Ports care about this program?



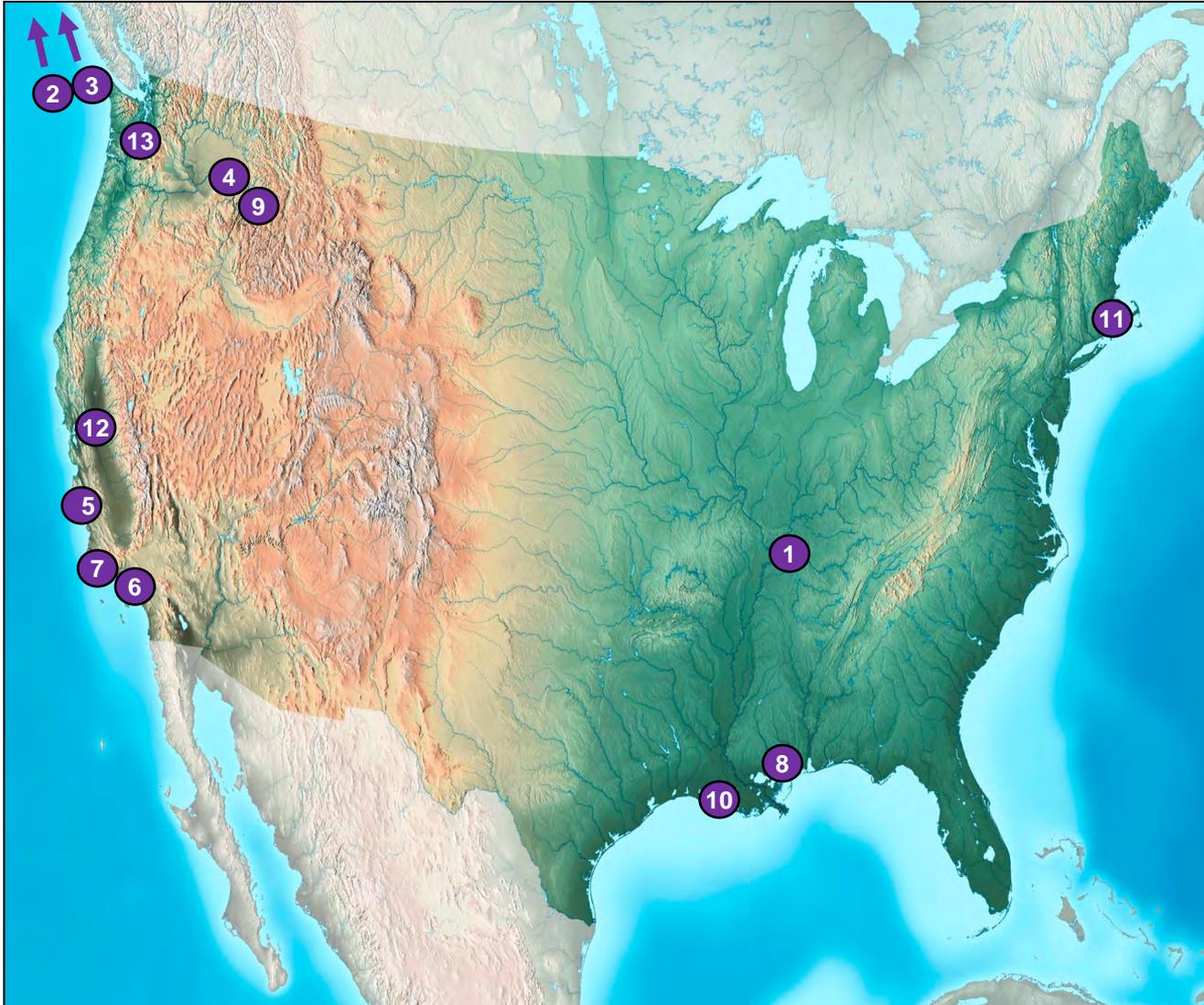
- ✓ The National Highway Freight Program provides ports with an opportunity to seek federal funds for critical infrastructure projects.
- ✓ These projects include work to improve the road and rail infrastructure that connect the ports with the broader transportation system.
- ✓ Up to ten percent of the funding allotted to each State can be used for eligible port projects within the port gates.

## Eligible Uses

- Any surface transportation project to improve the flow of freight into and out of an eligible intermodal freight facility.
- Intelligent transportation systems and other technology to improve the flow of freight, including intelligent freight transportation systems.
- Efforts to reduce the environmental impact of freight movement.
- Geometric improvements to interchanges and ramps.
- Railway-highway grade separation.
- Truck-only lanes.
- Adding or widening of shoulders.
- Truck parking facilities.



# Port Conveyance Program: Locations of Conveyed and Approved Properties



- 1: America's Central Port**  
700 Acres: Granite City, IL
- 2: City of Dillingham**  
2.38 Acres: Dillingham, AK
- 3: City and Borough of Juneau**  
1.91 Acres: Juneau, AK
- 4: Port of Benton**  
71.15 Acres: Richland, WA
- 5: Port of Hueneme**  
33 Acres: Hueneme, CA
- 6: Port of Long Beach**  
407.35 Acres: Long Beach, CA
- 7: Port of Los Angeles**  
48.32 Acres: Los Angeles, CA
- 8: Port of New Orleans**  
12.87 Acres: Jefferson Parish, LA
- 9: Port of Pasco**  
2.16 Acres: Pasco, WA
- 10: Orange Co. Navigation & Port District**  
13.73 Acres: Orange, TX
- 11: Rhode Island Commerce Corporation**  
96 Acres: Davisville, RI
- 12: Port of Stockton**  
1,433 Acres: Stockton, CA
- 13: Port of Tacoma**  
9.03 Acres: Tacoma, WA

## *A joint venture between AAPA and MARAD*

### **The toolkit modules can be used to help ports:**

- Evaluate port conditions
- Define problems
- Plan thoroughly
- Navigate the preplanning process
- Engage private partners
- Present actionable needs to administrators
- Access available funding
- Complete project

**[Toolkit helps ports obtain funding](#)**

## Transportation System Benefits

- Over 10 years, DOT has awarded \$1.5B in grant funds leveraging \$2.5B in port projects.
- In FY20, another \$300M to \$400M in grant funding was awarded to leverage an additional \$1B in port construction.
- Providing a publicly-available asset management tool is necessary to protect this public investment.

**To that end, MARAD is developing an asset management tool for domestic port planning**

## Maritime Port Transportation Asset Management *Tool Development\**

- An Asset Registry
- Risk Registers for in-water structures for the entire pier and berth inventory of a port. Two risk methodologies are planned:
  - ✓ Intuitive probability matrices for ports with limited historical data
  - ✓ A more sophisticated risk methodology for ports with more robust historical condition data.
- Data related to weather resiliency will be added.
- A Decision-Making Tool

\* Contract is underway (kickoff was October 2019) with an estimated completion goal of Spring of 2021.

Federal Emergency Management Agency (FEMA)

Building Resilient Infrastructure & Communities (BRIC)

[www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities](http://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities)

Port Security Grants

[www.fema.gov/port-security-grant-program](http://www.fema.gov/port-security-grant-program)

U.S. Environmental Protection Agency (EPA)

Diesel Emissions Reduction Act (DERA) Grant Program

[www.epa.gov/cleandiesel](http://www.epa.gov/cleandiesel)

Water Infrastructure Finance and Innovation Act (WIFIA)

<https://www.epa.gov/wifia>

U.S. Department of Agriculture (USDA) Rural Development Credit and Grant Programs

[www.rd.usda.gov](http://www.rd.usda.gov)

U.S. Department of Commerce (DOC) Economic Development Agency (EDA) Grants

[www.eda.gov/programs/eda-programs](http://www.eda.gov/programs/eda-programs)

# Questions?

**R. Mike Sullivan, Director**

**Great Lakes Gateway**

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