



United States Department of Transportation



U.S. Department of Transportation

Maritime Administration

INVESTING IN AMERICA: Biden-Harris Administration Announces Nearly \$580 Million for Ports to Strengthen American Supply Chains and Lower Costs

Friday, November 15, 2024

Announcement comes on the third anniversary of the signing of the Bipartisan Infrastructure Law which included a historic \$17 billion to modernize U.S. ports and waterways

WASHINGTON – Today, the U.S. Department of Transportation’s Maritime Administration (MARAD) announced plans to invest nearly \$580 million from the Bipartisan Infrastructure Law to fund 31 port improvement projects in 15 states and one U.S. territory. As part of President Biden’s Investing in America agenda, this funding will help increase both capacity and efficiency at coastal seaports, Great Lakes ports, and inland river ports. The port improvement projects announced today will strengthen supply chain reliability, create workforce development opportunities, enhance freight efficiency, lower costs, reduce emissions, and improve the safety, reliability, and resilience of our ports.

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View full list of awarded Port Infrastructure Development Program projects [here](#).

Large Project Awards

Anchorage, Alaska

Cargo Terminal 1 Replacement Project (awarded \$50,000,000)

The project will fund construction of a new general purpose cargo terminal at the Don Young Port of Alaska. Work funded by the grant includes demolition of the existing terminal, construction of the trestle and wharf structure, and related landside facilities and utilities.

Oakland, California

Outer Harbor Terminal Infrastructure Modernization Project (awarded \$49,517,100)

The project includes wharf strengthening and other structural repairs including crane girder upgrades, added piling, beam strengthening, crane rail replacement, removing and replacing the old electrical bus bar system, and pavement overlay at Berths 24-26 within the Outer Harbor Terminal.

New Haven, Connecticut

Port Rail Access Improvement Project (awarded \$11,172,433)

The project will add two new railyards and over one mile of new railroad track to the New Haven Terminal in New Haven, Connecticut.

Broward County, Florida

Port Everglades Regional Port Operations with Emissions Reductions Project (awarded \$53,357,402)

The project includes the purchase of two tier-4 diesel reach stackers, roughly 12 hybrid pickup trucks, approximately 22 electric terminal tractors/yard trucks, roughly six electric 8k forklifts, six 8x4 reefer racks (totaling 192 slots), approximately six electric top loaders, and two hybrid rubber-tired gantry (RTG) cranes. The project also includes a Port and Maritime Electrification Plan, electrical system upgrades and associated civil works required for charging stations, high mast lighting, optical character recognition (OCR) at the Crowley terminal gate, a concrete RTG run at the Port Everglades Terminal LLC (PET) terminal, and a workforce development program.

Garden City, Georgia

Garden City Terminal Power Resiliency Project (awarded \$49,886,096)

The project will eliminate the need for the terminal to draw electric power from local sources by creating a self-contained, on-terminal power distribution network fed from dedicated, GPA-owned substations. It also will construct redundant power feeds and backup power generation systems, replace overhead power lines with an underground network, and build a new GPA-owned substation to provide resiliency and increase the capacity of available electric power.

Hennepin, Illinois

Hennepin Barge Terminal and Soybean Logistics Asset (awarded \$38,582,711)

The project will build a new, roughly 700-foot loading dock, conveyor systems, and storage systems for soybean meal, soybean oil, and soybean hulls.

Chicago, Illinois

Landing Dock Safety and Efficiency Project (awarded \$34,508,933)

This project will rehabilitate roughly 3,000 feet of a dock wall, construct roughly three new heavy-lift crane pads, and add approximately 1,700 feet of new rail spur at the Iroquois Landing Terminal.

Morehead City, North Carolina

Modernization and Revitalization of Barge Berths (awarded \$14,921,158)

The project will construct new sheet pile bulkheads in front of the existing bulkheads at the North, East, and South barge berths in the Port of Morehead City. Work includes the installation of a redesigned concrete cap, high-performance fenders, and upgraded mooring hardware. It also will refurbish existing support structures such as trestles, fixed cranes, and hoists.

San Juan, Puerto Rico

Puerto Nuevo Wharves Reconstruction and Resilience Project (awarded \$53,526,756)

The project will restore and modernize critical infrastructure at the Puerto Nuevo Docks in the Port of San Juan, Puerto Rico. It will reconstruct wharves N and O, including demolition and disposal of the existing platforms, reconstruction of the wharves, and installation of new fender systems and bollards.

Houston, Texas

Agricultural Export Improvement and Community Resilience Project (awarded \$25,359,216)

This project will expand a grain elevator at the Port of Houston Authority's Turning Basin and will expand stormwater capacity infrastructure for the Port of Houston and surrounding community by constructing the first phase of a drainage improvement project.

Tacoma, Washington

Pierce County Terminal Efficiency Project (awarded \$11,647,000)

The project consists of converting all lighting to LED lights, installing reefers on racks with power infrastructure for approximately 198 refrigerated containers, and rebuilding the terminal transfer zone.

Small Projects at Small Port Awards

Juneau, Alaska

Aurora Harbor Drive Down Float Project (awarded \$11,154,002)

The project will build a drive down float and vehicle bridge, as well as procure two new 5-ton electric cranes.

Dillingham, Alaska

Port of Dillingham Improvements Project (awarded \$11,250,000)

The project will fund the replacement of the Dillingham Boat Harbor float system and utilities, extend the north bulkhead dock, and add a new boat grid. The project also includes an environmental site assessment at a property adjacent to the harbor that is being considered for future development, as well as site improvements to the east waterfront such as grading and drainage and development of water and sewer utilities.

Hoonah, Alaska

Marine Industrial Center Cargo Dock (awarded \$9,429,201)

The project adds new features to an existing cargo dock to include sheet pile closed-cell bulkheads, fender piles, and breasting dolphins. Additionally, the project will include a concrete roll-on roll-off ("RoRo") ramp, fill, rocks, mooring fenders, bullrail, bollards, and cleats.

Kodiak, Alaska

Saint Herman Harbor Moorage Expansion Project (awarded \$11,250,000)

The project consists of adding additional berthing capacity in the Harbor for large commercial fishing vessels and support craft. It will add a new float "O" and extend float "P." It will also include electrical upgrades to floats "M" and "N."

Saint Paul, Alaska

City South Dock Renovations and New Berthing Dolphins Project (awarded \$11,025,219)

The project will renovate the City South Dock by installing new fenders; replacing and upgrading bull rails, ladders, and cleats; adding new 80-ton bollards; installing safety equipment; adding new mooring dolphins with energy-absorbing fenders connected by a catwalk; and includes all related design, engineering, and environmental activities.

Crescent City, California

Citizens Dock Replacement Project (awarded \$8,000,000)

The project will rebuild the existing dock structure to better withstand operational and weather hazards, widen the docks to allow a greater number of trucks through, and install hoists to load/unload cargo more efficiently.

New London, Connecticut

Cross Sound Ferry Terminal Infrastructure Improvements (awarded \$3,922,500)

The project includes the construction of a new bulkhead, relocation and installation of new mooring dolphins, construction of a new ferry ramp and slip, relocation of an existing ferry slip

with new ramp and floating loading platform, re-sheeting of a section of the existing bulkhead, and minor related dredging at the Cross Sound Ferry Terminal in New London, Connecticut.

Palmetto, Florida

Berth Reconstruction Engineering and Permitting Project (awarded \$10,375,000)

The project consists of completing NEPA reviews, project permitting, and engineering design work for five of the port's operational berths that need to be fully reconstructed.

Hardin, Illinois

Hardin Illinois River Terminal Elevator Project (awarded \$9,000,000)

The project consists of the following activities: construction of two new storage bins, one at the Hardin facility and one at the Jerseyville facility under the same ownership; a new loadout conveyor belt and river cell loading tower at the Hardin terminal as well as the installation of roughly 11 mooring dolphins; replacement of the scale house at the Hardin terminal; and road improvements on Park Street near the Hardin terminal.

Mount Vernon, Indiana

Mount Vernon Port Transload and Railyard (awarded \$11,249,000)

The project will construct a new railyard and transload facility within the Mount Vernon port. Work includes constructing approximately 20,000 total feet of rail track, roughly 5 acres of paved roadways and an outdoor laydown area, a new truck entrance to the port, five new rail-truck transload zones, truck marshalling areas, and a multipurpose container/cargo storage yard. The project also includes the purchase and installation of a new truck scale, a scale house, and facility lighting and security improvements.

Chippewa County, Michigan

Drummond Dolomite Ship Loader & Sea Wall Improvements (awarded \$10,154,024)

Purchase and construct a ship loader and make sea wall improvements to include selective demolition of a sunken vessel and water utilities, install new sheet pile, tie backs, a mooring cell, bollards and miscellaneous repairs across the sea wall.

Oswego, New York

Warehouse modernization (awarded \$11,250,000)

The project will replace an existing warehouse with a new, climate-controlled warehouse, install a backup generator, procure two material handlers, and replace an existing guard house at the Port of Oswego, New York.

Put-in-Bay, Ohio

Breakwater for Main Ferry Terminal, Phase I (awarded \$10,371,073)

This project would fund the construction of a 406' stone breakwall which would serve to protect the existing ferry dock and would include a stand-by ferry berth on the inner wall of the breakwall that would provide a ramp and tie point to berth a ferry for maintenance and act as an alternative landing point to load and unload passengers, vehicles, and cargo should the main dock be unavailable due to repairs or heavy weather.

Erie-Western Pennsylvania Port Authority

Parade Street Slip Dock Wall Replacement and Slip Widening Project (awarded \$11,250,000)

This project will widen and reconstruct approximately 1,250 linear feet of the east dock wall of the Parade Street Slip. The project scope includes final design, surveys, geotechnical work, environmental reviews, and permitting.

Davisville, Rhode Island

Gateway Upgrades for Access, Resiliency & Development at the Port of Davisville Project (awarded \$11,250,000)

The project will relocate a port access roadway and port entrance gate, relocate and improve port operations buildings, construct new and expanded upland cargo laydown areas, and install lighting, cameras, fencing, gates, and other security assets.

Harlingen, Texas

Port of Harlingen Resiliency and Asset Management Planning (awarded \$708,750)

This is a planning project at the Port of Harlingen to conduct an infrastructure assessment, market analysis, and environmental analysis; develop a capital improvement plan; and update the port's 2019 Master Plan.

Neah Bay, Washington

Port of Neah Bay Modernization and Marine Highway Initiative (awarded \$5,506,250)

Three components: 1) uplands improvements including buildings and utilities; 2) in-water modernization and safety improvements including boat ramp, floats, commercial fish dock, icehouse, cranes, and safety and utility work; and 3) barge loading facility planning.

Bellingham, Washington

The Lummi Nation Fishermans Cove Dock Replacement Project (awarded \$10,979,375)

This project will fund the demolition and replacement of a pier at the Fisherman's Cove Marina Dock at Gooseberry Point Waterfront on the Lummi Indian Reservation in Bellingham, Washington. The project will also include purchase of an electric lift and four Davit cranes.

Anacortes, Washington

T Dock Reconfiguration Project (awarded \$7,400,000)

The project will replace an existing 47-year-old commercial dock (T Dock) within the Cap Sante Marina located in downtown Anacortes with a new, modern dock that has double the working surface. The project includes demolition; construction of a new steel pile-supported concrete dock structure; stormwater management work; replacement of the electrical service; replacement of water and fire suppression systems; and replacement of existing concrete abutment with a new concrete abutment and sheet pile wall to meet seismic codes.

Port Angeles, Washington

Operational Capacity Expansion Project (awarded \$9,000,000)

The project will fund the purchase of two reduced-emissions modern log stackers, two hybrid material handlers, and a bulk cargo conveyor system.



Biden-Harris Administration Invests More Than \$653 Million in Ports to Strengthen American Supply Chains

Friday, November 3, 2023

WASHINGTON – Today, the U.S. Department of Transportation’s Maritime Administration (MARAD) announced over \$653 million to fund 41 port improvement projects across the nation under the Port Infrastructure Development Program (PIDP).

FY 2023 Port Infrastructure Development Grant Awards

November 3, 2023

ALASKA

40-Acre Deep Water Port Development (\$421,000)

Wrangell, Alaska

The project will fund planning activities for the development of a 40-acre deep water port site. The project encompasses property surveys, environmental assessments, permitting requirements, a preliminary engineering assessment of bulkhead and utility requirements, and a feasibility study update.

Construction of a New Small Boat Harbor (\$8,963,522)

Yakutat, Alaska

The project will replace the existing 60-year-old harbor. Work includes replacement of the floating dock, stringers, steel pipe mooring piles, and associated hardware. It also includes installation of a fire suppression system, covered gangway, and relocation of an existing seaplane float.

Cape Blossom Port Planning Project (\$2,455,485)

Cape Blossom, Alaska

This project will conduct a feasibility analysis, a benefit-cost analysis, site surveys, geotechnical investigations, and other project planning activities for a potential port at Cape Blossom, Alaska. The purpose of the project is to assess the viability of developing the first U.S. deep-water port north of the Arctic Circle.

Arctic Deep Draft Port Utility Services (\$11,250,000)

Nome, Alaska

The project will construct water and wastewater, fuel, power, and communications infrastructure necessary to serve the marine utility needs of the Deep-Draft Arctic Port, a project to expand and deepen the Port of Nome.

Jakolof Bay Dock Replacement Project (\$2,376,646)

Seldovia, Alaska

The project will replace a floating pier that supports commercial and subsistence fishing, freight services, and the movement of people to and from a remote and rural community. The project includes design work, the demolition of the existing floating pier, and installation of the new replacement floating pier.

Metlakatla Port Improvements Project (\$3,384,439)

Annette Island, Alaska

The project includes the design, fabrication, delivery, and installation of a replacement fender system for the Metlakatla Indian Community's barge ramp; completion of design and engineering, and preparation of bid documents, for the rehabilitation of two Metlakatla

Breakwaters—the Frank Hayward Memorial Breakwater and the Old Breakwater; and repairs to the port’s boathouse and boat haul out system to include completion of design and repairs to the haul out mechanism.

Dock Infrastructure Replacement in Cold Bay, Alaska (\$43,376,746)

Cold Bay, Alaska

This project will include the design, permitting, and construction of a new dock in Cold Bay, Alaska to replace the community’s only existing dock, which is nearing the end of its useful service life. The new dock will be designed and built to accommodate commercial use, freight and fuel transportation, private vessel use, and public uses like emergency medical services and public transportation through the Alaska Marine Highway System.

ARKANSAS

River Valley Slackwater Harbor Project (\$15,096,000)

Fort Smith, Arkansas

The project will construct a slackwater harbor off the main channel of the Arkansas River. The harbor will be approximately 1000 feet long and 200 feet wide and have the capacity to moor and offload up to eight barges at a time. The harbor will have roughly 2000 feet of dock frontage with a 50-foot-wide concrete deck for mobile cranes. The grant will also fund design services and project management.

CALIFORNIA

North Harbor Transportation System Improvement Project (\$52,633,331)

Long Beach, California

The project will add a third track to the Dominguez Channel Bridge; relocate and modernize Pier B Street, on-dock roadways, and associated utilities; and realign Pico Avenue, including replacing and relocating aging utilities in the area.

Redwood Marine Terminal and Baywide Master Plan Project (\$8,672,986)

Eureka, California

This project includes studies, site design and engineering, site investigations, and permitting activities for a heavy-lift facility at the Redwood Marine Terminal to support offshore wind farm development. The project also includes creation of the Baywide Master Plan, project management, and grant administration.

Port of Hueneme Parking Structure Planning Project (\$2,000,000)

Oxnard, California

This is a planning project for the design of a three-level parking structure at the Port of Hueneme. The structure will be designed to serve as a first-point-of-rest for vehicles being transferred between ocean-going vessels and the vehicle processing centers used to prepare vehicles for their eventual transport from the port to their final destination.

National City Marine Terminal Berth Rehabilitation & Electrification Project (\$11,250,000)
San Diego, California

The project will upgrade two berths at National City Marine Terminal (NCMT) by rehabilitating degraded infrastructure, installing electrical infrastructure and equipment that will allow ocean-going vessels to connect to grid-based electricity while alongside the terminal berth, and installing terminal and warehouse lighting upgrades and associated infrastructure.

CONNECTICUT

New London Ferry/Cargo Terminal Dolphin Replacement Project (\$1,600,000)
New London, Connecticut

The project will replace dolphins at the Ferry District's New London, Connecticut terminal. The project consists of replacing six 7-pile dolphins and seven 13-pile dolphins that are used to assist the ferry when preparing to moor at the terminal. The dolphins and related infrastructure are also an integral part of the system for securing ferries to the pier so that cargo and passengers can be safely transferred on and off the vessels.

DELAWARE

Edgemoor Container Terminal -- Container Yard Project (\$50,000,000)
Wilmington, Delaware

The project will construct a container yard at the Port of Wilmington featuring all-electric operations, a new modern truck gate complex, and terminal buildings and ancillary features including an approximately 100,000-square-foot warehouse and inspection platform.

FLORIDA

Port Panama City East Terminal Phase Two Expansion Project (\$11,250,000)
Panama City, Florida

The project includes final design and construction of a 200,000 square foot (SF) warehouse, along with an associated rail spur extension and terminal roadway improvements to serve the warehouse.

HAWAII

Kawaihae Harbor Improvements (\$23,460,000)
Kawaihae Harbor, Hawaii

The project will widen the highway adjacent to the port to accommodate a left turn and queueing lane for vehicles entering the port's main gate. Additionally, the project includes roughly 10 acres of new concrete paving over existing and new yard, new 80-foot high mast lighting to replace existing lighting equipment, the installation of conduit and raised transformer pads for expanded reefer plug-ins, and the relocation of an office building and a maintenance shed.

IOWA

Port of Blencoe Infrastructure Development Project (\$10,262,240)
Blencoe, Iowa

The project will establish a new port at a site along the Missouri River. The project will consist of constructing a new commodity handling facility, storage for liquid commodities, receiving and handling equipment, conveyors, elevating legs, and additional infrastructure development such as internal road construction and site leveling to accommodate use of the southern side of the property for heavy industrial use.

ILLINOIS

Shawneetown Regional Port Revitalization Project (\$10,120,000)

Shawneetown, Illinois

This project includes the design and construction of a roughly 1.25-mile New Port Access Road and the development of a Master Plan to comprehensively prepare for future port expansions and operations.

KENTUCKY

Conveyor Upgrade and Replacement Project (\$3,295,879)

Hickman, Kentucky

The project will replace a conveyor system at the inland river port and make high priority repairs to an existing mooring cell. Project elements include a new roughly 1,200-foot-long conveyor system, foundations for the conveyor, electrical infrastructure, and control mechanisms. The project also includes environmental, engineering, construction administration, testing and inspection, and procurement services.

MASSACHUSETTS

Leonard's Wharf Reconstruction & Extension Project (\$24,404,000)

New Bedford, Massachusetts

The project will reconstruct and extend Leonard's Wharf through the following construction activities: demolition of the existing structure; rebuilding and extending the wharf to the harbor line to achieve the longest wharf possible; surface dredging to remove contaminated sediments for disposal in a local Confined Aquatic Disposal (CAD) cell; berth dredging to accommodate deeper draft vessels and provide beneficial reuse of fill for the new wharf extension; and finishing the wharf with top surface, utilities, a modern fendering system, and other appurtenances.

MARYLAND

Baltimore County Offshore Wind Manufacturing Hub (\$47,392,500)

Baltimore, Maryland

The project will fund berth and upland improvements to accommodate heavy project cargoes near the Port of Baltimore. The project includes construction of a roll-on/roll-off pad, a crane pad, ground improvements, geotechnical work, and steel structures to support components used in offshore wind projects. Work also includes site remediation and environmental mitigation activities.

MAINE

Portland IMT Reefer Yard Modernization Project (\$14,240,000)

Portland, Maine

The project will modernize a yard at the Portland International Marine Terminal (IMT) that is used for refrigerated cargoes. Work includes the construction of racks to store containers with refrigerated cargoes, steel frames to house stairs to access containers, lighting, and the electrical infrastructure to enable the containers to be connected to shore power while they are in storage and waiting to be unloaded or transported.

MINNESOTA

Bulkhead Rehabilitation and Grain Barge Mooring Replacement Project (\$1,989,246)

Red Wing, Minnesota

The project includes a bulkhead replacement and replacement of four existing dolphin clusters used for grain barge mooring at the Port of Red Wing's barge fleeting offload-onload barge terminal.

Wabasha Barge Terminal Project (\$2,545,297)

Wabasha, Minnesota

This project will construct a new inland river barge terminal at Upper Mississippi River Mile Marker 760 and develop the necessary access road and utilities to support its operation.

MISSOURI

La Grange Multimodal Port Enhancement Project (\$11,091,844)

La Grange, Missouri

The project will construct a new dry bulk cargo handling facility along the Mississippi River in Lewis County, Missouri. The project includes construction of a new roughly 200-foot cargo dock and approximately 1.62 miles of access road; the purchase and installation of a roughly 400-linear-foot conveyor system; and related cargo handling equipment.

MISSISSIPPI

Port of Rosedale Multi-Modal Expansion Project Phase I (\$8,742,816)

Rosedale, Mississippi

The project will relocate and reconstruct a conveyor assembly dedicated to handling inbound cargoes and rehabilitate one of the conveyors the port uses to handle outbound cargoes. It will also construct a new structure so that the port's outbound conveyors can be relocated from a deteriorating spud barge and established in a location so that inbound and outbound cargo operations can take place simultaneously. The project will also include the purchase of a new spud barge and cargo handling equipment.

NORTH CAROLINA

North Gate Relocation and Access Optimization (\$10,950,805)

Wilmington, North Carolina

The project will construct approximately 4,000 feet of elevated roadway access to the general cargo terminal, relocate the North Gate security checkpoint, install a new gate operating system, improve existing at-grade railroad crossings, construct buildings for badging, guardhouse, and cargo control, construct a truck queuing area, and install EV charging infrastructure and solar panels. The project also includes the development of a Terminal Resiliency Plan and a Terminal Emissions Reduction Plan.

NEW JERSEY

Reconstruction of Berth PN-308 at Port Newark (\$32,000,000)

Newark, New Jersey

The project will reconstruct Berth PN-308 at Port Newark. The new berth will have a 75-year service life, increased live load criteria from the current 500 pounds per square foot (psf) to 2,000 psf, and incorporate resiliency enhancements to the new structure such as a high-level platform and prestressed precast concrete planks. Additionally, project activities include demolition and debris removal, pile driving and capping, as well as deck installation.

Wind Port at Paulsboro – Phase 2 (\$20,494,025)

Paulsboro, New Jersey

This project will include the following site improvements at the Paulsboro Marine Terminal: construction of a main terminal sanitary pump station and offsite conveyance; installation of stormwater collection and treatment infrastructure as well as yard piping needed to provide utility connections; final grading and paving to include the removal and disposal of excess contaminated soil and the protection or relocation of existing monitoring wells; installation of 15 high-mast light poles; electrical infrastructure improvements to include a secondary main transformer, new switchgear, and completion of electrical loops; redevelopment of approximately 2 acres for employee parking; security improvements including fencing and relocation of a guard booth; and decommissioning and restoration of a groundwater treatment plant to convert it for use in port operations.

NEW YORK

Port of Ogdensburg Terminal Expansion Project (\$5,107,649)

Ogdensburg, New York

The project includes an approximately 435-linear-foot expansion of the Port of Ogdensburg's main dock terminal along with installation of a mooring dolphin system and associated dredging necessary to establish a new roughly 100-foot-wide by 500-foot-long berthing area immediately adjacent to the new terminal dock wall structure.

OREGON

Ko'Kwel Wharf Improvements Project (\$7,729,650)

North Bend, Oregon

The project will fund repairs to the dock face along Lot 2 of the Ko’Kwel Wharf, will bring 800-amp service and a shore power outlet box to the wharf to reduce or eliminate the need for idling diesel engines, and includes development phase activities leading to the future extension of the Ko’Kwel Wharf dock.

Pier 2 West Rehabilitation Project (\$25,315,758)

Astoria, Oregon

This project will rehabilitate the Port of Astoria’s Pier 2 West. Project elements include: (1) a new steel bulkhead wall that will be approximately 825 feet long by 30 feet with a design life of 75 years, and that will include a new fendering system, 50-ton double bitt bollards, and a cast-in-place concrete bullrail; (2) removal of the old timber dock; (3) backfill of material behind the bulkhead; (4) foundation work on the Pier 2 warehouse; (5) concrete slab repairs in the warehouse; (6) new concrete pavement on the pier surface; (7) construction of a stormwater drainage system; and (8) replacement of a water line and fire hydrants for fire protection at the site.

Operational Capacity Improvements at the Port of Newport (\$3,444,100)

Newport, Oregon

This project will grade roughly 9 acres of land adjacent to the port’s existing Newport International Terminal to create additional laydown and storage space and fence approximately three acres of land for increased security. Additionally, the project will include the purchase of two loaders for the processing and movement of breakbulk cargo.

RHODE ISLAND

Stern Off-Load Ramp Construction Project (\$3,880,000)

North Kingstown, Rhode Island

This project will fund the construction of a stern off-load ramp on the south face of Pier 1 at the Port of Davisville. The ramp will expand the capabilities and functionalities of the Port by adding the ability to accommodate stern off-load roll-on-roll-off (RO/RO) vessels.

TEXAS

Cedar Port Infrastructure Development Project (\$10,893,901)

Baytown, Texas

The project will fund the expansion and upgrade of the existing barge dock to include dredging the channel adjacent to the construction site and adding bulkheads to create an additional 800 feet of mooring space, resulting in 6 additional 8-hour barge slots. The project also includes construction of a heavy haul road connecting the barge dock to the Cedar Port Industrial Park tenant area.

Velasco Terminal Sustainable Expansion Project (\$15,958,380)

Freeport, Texas

The project includes construction of a new approximately 36,900-square-foot cross-dock warehouse, related site improvements on a roughly 10-acre site, and a new terminal access truck

gate. The cross-dock facility, located on Port-owned land away from the congested port area, will enable cargo to be unloaded, sorted, and loaded onto trucks without interfering with other terminal traffic.

West Basin Bulkhead Project (\$9,922,475)

Bay City, Texas

The project will construct an approximately 400-foot-long bulkhead and an associated paved cargo dock and loop road for truck access. The project will also stabilize the earth behind the bulkhead.

U.S. VIRGIN ISLANDS

**Reconstruction and Modernization of the Wilfred “Bomba” Allick Terminal (\$22,400,000)
St. Croix, U.S. Virgin Islands**

The project will reconstruct and modernize the Wilfred “Bomba” Allick marine terminal in St. Croix. The project includes the replacement of pile caps, repair of concrete piles, concrete and steel deck repairs, repairs to mooring foundations, replacement of mooring bollards, and extensive pavement reconstruction in the container yard.

VIRGINIA

Norfolk Offshore Wind Logistics Port (\$39,265,000)

Norfolk, Virginia

The project will convert an existing marine terminal and berth to an offshore wind logistics facility. Project elements include berth improvements to support the processing of heavy lift cargo and offshore wind submarine cables, and the construction of a floating pier to transfer personnel and light cargo.

WASHINGTON

Port of Tacoma Husky Terminal Expansion Part One (\$54,233,330)

Tacoma, Washington

The project will reconfigure the Husky terminal yard for better truck circulation, install roughly 40 reefer racks and related power supplies, and relocate on-terminal structures.

WISCONSIN

Agricultural Maritime Export Facility – Phase 2 (\$9,276,352)

Milwaukee, Wisconsin

The project will construct two grain storage silos, make electrical service upgrades, and fund purchase of additional grain and cargo handling equipment to expand the capacity of the port to handle the movement of grain commodities.



Biden-Harris Administration Announces More Than \$703 Million to Improve Port Infrastructure, Strengthen National Supply Chains, Lower Costs

Friday, October 28, 2022

President Biden's Bipartisan Infrastructure Law invests billions of dollars to modernize ports of all sizes and help cut costs for Americans

WASHINGTON – Today, the U.S. Department of Transportation announced more than \$703 million to fund 41 projects in 22 states and one territory that will improve port facilities through the Maritime Administration's Port Infrastructure Development Program. The funding, made possible by the Bipartisan Infrastructure Law and additional Congressional appropriations, will benefit coastal seaports, Great Lakes ports, and inland river ports, helping improve supply chain reliability through increased port capacity and resilience, more efficient operations, reduced port emissions, and new workforce opportunities. Together, these investments will help get goods to shelves faster and lower costs for American families.

FY 2022 Port Infrastructure Development Grant Awards

October 28, 2022

ALASKA

North Extension Stabilization Step 1 Project (\$68,700,000)

Anchorage, Alaska

The Project will reconfigure and realign the shoreline within the “North Extension” (the area north of the existing general cargo terminals) at the Port of Alaska in Anchorage, Alaska. The Project includes the demolition of a sheet pile wall, removal of approximately 1.3 million cubic yards of material, and construction of a shoreline revetment of armor rock.

AMHS Prince William Sound Ferry Terminal Project (\$28,248,386)

Cordova, Tatitlek, and Chenega, Alaska

This Project funds upgrades and modifications at three Prince William Sound ferry terminals. The Cordova improvements include removal of floating fenders and construction of fixed fender mooring dolphins and catwalks and modifications to the stern berth to accommodate ferries. The Tatitlek improvements include the provision of new end-loading ferry terminal structures, including a vehicle transfer bridge and bridge support float. The Chenega improvements include the construction of a new side-berth ferry terminal facility, including a pile-supported approach dock structure, vehicle transfer bridge, bridge support float, and two mooring dolphins.

Port of Adak Pier Five Improvements Project (\$10,161,900)

Adak, Alaska

The Project at the Port of Adak, in the Aleutian Islands of Alaska, entails repairs and updates to Pier Five, the primary supply pier for this remote Alaskan village. The grant will fund planning and permitting work, removal of the deteriorated timber pile fender system, repairs to damaged concrete piles and caps, installation of a high-energy absorbing fender system, and installation of new sewer, firefighting water, potable water, electrical and communications utilities, and LED lighting.

Sand Point Floating Dock Project (\$5,365,000)

Aleutian Islands, Alaska

The Project consists of installing more than 1,000 feet of new floating dock and supporting access, utility, and safety infrastructure within the existing harbor. The Project will complete the Aleutians East Borough’s long-term efforts to fully build out the community’s harbor.

AMERICAN SAMOA

Aunu’u Wharf Reconstruction Project (\$2,120,000)

Pago Pago, American Samoa

The Project funds reconstruction of the Aunu’u Wharf, which is the only access point in and out of Aunu’u Island in American Samoa. The Project will reconstruct the existing wharf; perform structural repairs to the existing pilings; construct a new 80-foot-long extension to the wharf; repair and upgrade the existing ramp structure; dredge any excess material surrounding the wharf; and install a new fendering system, bollards, and cleats. The project will comply with the Federal Flood Risk Management Standard.

ARKANSAS

Helena Harbor Transportation Enhancement Development Project (\$6,412,652)

Helena, Arkansas

The Project will fund two components at Helena Harbor: 1) the addition of a water tower to support industrial uses and firefighting systems in the port, which will be built to withstand the seismic impacts of an earthquake in the New Madrid fault area; and 2) the construction of a rail spur connecting parcels on the east side of the port's Industrial Park to the North American Rail network.

CALIFORNIA

Fisherman's Terminal Piling Replacement Project (\$650,000)

Eureka, California

The Project will replace approximately 40 failing or missing fender pilings on a quay used by commercial fishermen in Humboldt Bay. The Project includes removal of the existing pilings and the purchase and installation of replacement pilings, pile caps, and rub rails.

Middle Harbor Terminal Zero Emission Conversion Project (\$30,141,080)

Long Beach, California

The Project will fund the replacement of diesel yard tractors with approximately 60 electric yard tractors, construction of electric equipment charging infrastructure with energy load management software to enhance energy efficiency, and installation of software equipment to streamline cargo-handling operations within the terminal.

Outer Harbor Terminal Redevelopment Project (\$36,592,875)

Oakland, California

The Project will fund the construction of a roughly 25-acre off-dock container support facility with truck entry/exit gates and gatehouse, pavement replacement, office trailer, perimeter fencing, grounded and wheeled container storage, refrigerated container grounded storage and plugs, LED high mast lighting, drainage, substation improvements, and battery storage and charging stations.

Port of San Francisco Amador Street Infrastructure Improvement Project (\$9,607,500)

San Francisco, California

The Project will fund roadway improvements to a more resilient standard, sewer replacement and pump station upgrades to provide additional capacity and reliability, stormwater improvements and removal of creosote-treated rail ties to improve environmental conditions, and landscaping with drought tolerant plants that will conserve water.

Port of Stockton Rail Rehabilitation & Upgrade Project (\$9,628,477)

Stockton, California

The Project will improve the Port of Stockton's lead track by replacing or upgrading approximately 13,400 feet of existing rail and ballast, realignment of curves, and re-construction of roughly thirty turnouts. The Project also includes site clearing, grading, drainage, and utility work.

Seawall Replacement Project (\$7,366,566)

Crescent City, California

The Project includes the construction of a new seawall, the repair and renovation of a seafood packing and truck loading area, the replacement of cargo handling equipment that is currently atop the existing seawall, and the installation of electrical vehicle infrastructure to power the cold storage trailers used to move seafood products to market.

CONNECTICUT

Bridgeport Port Authority Operations and Maintenance Wind Port Project (\$10,530,000)

Bridgeport, Connecticut

The Project encompasses design and construction of an Operations and Maintenance (O&M) Wind Port in Bridgeport, Connecticut. Project elements include the installation of approximately 1,300 linear feet of anchored bulkheads, dredging of approximately 30,000 cubic yards of material to deepen the harbor for larger support vessels, a floating service dock to assist offshore wind (OSW) support vessels, and the installation of two reinforced 20' x 100' crane pads that will also serve as relieving platforms for the new bulkheads.

City of New London Port Infrastructure Development Project (\$7,000,000)

New London, Connecticut

The Project funds the construction of an expanded steel bulkhead, installation of stone rip-rap, repairs to an existing railroad spur, extension of the rail spur onto the expanded dock, improvements to an existing laydown area, dredging, paving, utilities, fencing, access improvements, and necessary environmental remediation associated with project elements.

FLORIDA

Port Everglades Berths Improvement and Modernization Project (\$19,280,625)

Broward County, Florida

The Project will replace approximately 1,650 linear feet of bulkheads in their current alignment at Berths 16, 17, and 18 at Port Everglades. Specifically, the Project will include new steel sheet pile bulkheads with concrete caps, cathodic protection, mooring hardware and fendering systems, dockside utility extensions, berth apron pavement, drainage system improvements, and benthic habitat surveys and mitigation.

Putnam County Port Development Plan Project (\$353,500)

Palatka, Florida

The Project funds a port development plan, which will include infrastructure and facility assessments, site planning, preliminary engineering, a market analysis, a traffic study, preliminary real estate and environmental assessments, and development of a comprehensive capital improvement plan that will identify potential funding sources and project priorities.

The JAXPORT EXPRESS Project (\$23,518,000)

Jacksonville, Florida

The Project includes five primary components: 1) installation of electrified refrigerated container stacks; 2) procurement of six hybrid-electric rubber-tired gantry cranes; 3) procurement of 16 battery-electric forklifts, ten battery-electric yard tractors, and seven Tier 4 diesel top picks; 4) installation of 15 high-power direct current fast charging stations and make-ready stub-outs; and

5) development of a replaceable and scalable plan for transitioning the port and local maritime industry to zero-emission technologies.

HAWAII

Kapalama Container Terminal Project (\$47,326,300)

Honolulu, Hawaii

The Project will fund several activities: 1) upgrades to electrified ship-to-shore cranes, acquisition of new equipment, and installation of solar panels on terminal buildings that will improve the reliability of port operations; 2) smart gate and security technology to improve safety and operational efficiency; 3) an electrical micro-grid to improve resilience; and, 4) in collaboration with local communities and stakeholders, development of a Facility Resiliency Plan and a Terminal Electrification Plan to support additional environmental and resilience improvements in the future.

ILLINOIS

Phase 2 Rail Yard and Rail Corridor Improvement Project (\$8,000,000)

Kaskaskia, Illinois

The Project will install two rail tracks to create a rail yard near an existing port terminal. Improvements consist of approximately 6,000 feet of storage tracks, 10 turnouts, and upgrades to 5.3 miles of track to support the movement of bulk cargo in addition to culvert and rail tie replacement.

KENTUCKY

Eddyville River Port Inlet Project (\$4,912,631)

Eddyville, Kentucky

The Project funds the construction of an expanded port inlet and a concrete barge ramp that will improve the throughput of the port by providing additional waterfront access for loading and unloading bulk commodities. The new ramp at the end of the inlet will allow the port to safely handle extremely heavy cargo.

LOUISIANA

Western Dock Expansion -- Phase 3B Project (\$10,000,000)

Morgan City, Louisiana

The Project funds the expansion of the Port of Morgan City's dock by adding 1.6 acres of concrete laydown area and building an additional 8,880-square-foot wharf-relieving platform structure to support a 440' x 40' wharf extension. The Project complements "Phase 3A" that was funded by the port and the State of Louisiana and completes all phases of the port's "Western Dock Expansion" project.

MASSACHUSETTS

Salem Wind Port Project (\$33,835,953)

Salem, Massachusetts

The Project will redevelop a vacant industrial facility into a marshalling area for offshore wind (OSW) energy projects. The Project includes construction of a 700-foot-long wharf and bulkhead that will be able to handle oversized and heavy cargoes and will be able to serve as a loadout and

assembly location. The Project also includes improvements to approximately 23 acres of adjacent uplands to create a laydown area adjacent to the loadout and assembly space.

MICHIGAN

Lake Erie Renewable Energy Resilience Project (\$11,051,586)

Monroe, Michigan

The Project will fund four components: Component 1—Riverfront work will include replacing the surface of the existing wharf, constructing a second riverfront wharf to be used exclusively for vessel transfer of wind energy cargos, and reinforcing shoreline stabilization; Component 2—Turning Basin work will include rehabilitating the concrete dock cap, bollard and fender installation, and replacing roughly 390 feet of failed sheet pile; Component 3—Small Boat “Maritime Readiness Slip” construction will include demolishing and rehabilitating an existing small boat slip to be used by harbor assist vessels; and Component 4—Shore Power infrastructure will include removing existing overhead lines and providing shore power to the riverfront wharves.

Rail Access and Port Capacity Improvements Project (\$16,030,000)

Detroit, Michigan

This Project will rehabilitate existing port infrastructure as well as construct new port infrastructure at the Port of Detroit. The specific components of the Project include creating a new port/rail connection; adding dry bulk cargo handling platforms and a covered warehouse; reconstructing a dock; installing 2 bulk-liquid storage tanks; and constructing an additional berth to facilitate fueling of cargo vessels.

MISSISSIPPI

Project Steel Wheel - Columbus Dock Expansion (\$6,123,225)

Columbus, Mississippi

The Project includes design, engineering, construction, and inspection of a new rail spur with approximately 10,000 linear feet of track and three transload docks that will provide direct rail access for transloading cargo between barges and railcars at the Lowndes County West Bank Port. The port does not currently have direct rail access and the new rail spur will connect the port terminal to an existing railroad line operated by Kansas City Southern.

MISSOURI

Port Improvement and Expansion Project (\$8,768,800)

Brunswick, Missouri

The Project will upgrade an existing port terminal with a new container dock and related mooring structures, add a new rail spur with a loading pit, and construct a new bulk agricultural supply building with conveyors between the rail and barge dock. The new sheet pile barge dock will provide 200 ft. of frontage for loading and unloading barges. The rail improvement consists of approximately 4,000 ft. of new track that will permit the port to work 36 car unit trains. The 360 ft. by 140 ft. bulk agricultural storage building will replace an existing 40-year-old building and offer enough capacity to manage peak periods of agricultural commodity movements.

NEW JERSEY

Port of Camden Access and Infrastructure Resiliency Project (\$25,000,000)

Camden, New Jersey

The Project will upgrade a functionally obsolete and structurally deficient truck route to improve access to the Port of Camden from I-676 by reconstructing nearly three miles of key roadway infrastructure. Project elements include truck turning radius improvements, pavement reconstruction, resurfacing and reconstruction of curbs and sidewalks, new stormwater drainage and green infrastructure, sewer repairs, ADA ramps, traffic calming, new traffic signals and crosswalks, improved street lighting, striping, and new signage.

NEW YORK

Arthur Kill Offshore Wind Terminal Project (\$48,008,231)

Staten Island, New York

This Project will fund the dredging of approximately 740,000 cubic yards to create a thirty-five-foot-deep ship basin to support further development of the adjacent 32-acre site as a purpose-built offshore wind (OSW) staging and assembly facility in Staten Island, New York. The OSW staging and assembly facility will contain 32 acres of upland area, a 1365-foot-long wharf with adjacent laydown area that has enhanced load bearing capacity, and two program areas.

OHIO

Cleveland-Cuyahoga County Port Authority (\$27,223,711)

Cleveland, Ohio

The Project consists of both development phase (planning, permitting, engineering, and design) and construction activities at the Port of Cleveland. It will modernize a 144,000-square-foot warehouse (Warehouse A); expand stormwater collection and treatment infrastructure; construct a modernized maintenance and repowering facility for terminal equipment; and install electric infrastructure to meet the power requirements of ship cold ironing and electrified cargo handling equipment.

OKLAHOMA

Muskogee Waterfront Recovery & Resiliency Project (\$23,955,557)

Muskogee, Oklahoma

The Project consists of four components at the Port of Muskogee on the McClellan-Kerr Arkansas River Navigation System: 1) reconstruction of the main dock at Oakley Terminal; 2) construction of a new heavy-lift dock; 3) reconstruction of on-dock rail; and 4) construction of a new flexible-use warehouse.

OREGON

Terminal 6 Infrastructure Improvements Project (\$24,360,000)

Portland, Oregon

This Project will fund the following components: strengthen 9 acres of pavement for flexible cargo storage, including container storage; upgrade pavement throughout 30 acres of container yard; add a stormwater treatment system to reduce pollutants entering the Columbia River; replace electrical components to reduce energy consumption, light spillage, and enable future zero-emission operations; and install two emergency generators to provide backup power during seismic events or other power outages.

RHODE ISLAND

Reconstruction of the North Berth at Pier 1 Project (\$11,250,000)

Davisville, Rhode Island

The Project will reconstruct the port's North Berth at Pier #1, which is near the end of its useful structural life and unable to adequately serve the needs of the port. The Project includes demolition and removal of existing material, construction of approximately 32,000 square feet of pier deck/foundation/pile caps, 20 mooring bollards, and 20 berthing fenders.

TEXAS

Container on Barge Infrastructure Project (\$26,440,500)

Beaumont, Texas

This Project includes two components: 1) the "Lot 6 Project," which involves the strengthening of a 400-foot section of dock area to support heavy loads with the addition of a 400' x 100' pile-supported relieving platform and four monopiles for breasting barges, and 2) the "Lot 14B Paving Project," which includes the design and installation of a 26.14-acre container marshalling yard and hard-surfaced laydown area.

Dock Repair and Renovation Project (\$3,937,500)

Harlingen, Texas

The Project will renovate the Port of Harlingen's main dock and related facilities. Work includes repairs to or replacement of the timber fendering system, timber rails, steel sheet pile bulkhead, steel anchor rods that hold the bulkhead in place, deteriorated concrete deck in multiple locations, mooring piles and related structures, and a mechanical winch operator and cable. In addition, the Project will demolish, excavate, dewater, and re-compact critical uplands areas.

Port of Palacios Energy & Resilience Improvement Project (\$9,600,000)

Matagorda, Texas

The Project funds the rehabilitation of the bulkhead and vessel berthing areas in Turning Basins 1 and 2, including the repair or replacement of roughly 5,600 feet of bulkhead and installation of approximately 20 vessel-to-shore power stations with multiple outlets to serve several vessels at once. The rehabilitation will make the facilities more resilient to the effects of natural disasters and sea level rise.

WASHINGTON

Terminal 5 Export, Expansion, and Emissions Reduction Project (\$17,035,900)

Seattle, Washington

The Project will fund improvements to Terminal 5 at the Port of Seattle. The Project consists of two major components: 1) construction of a new truck gate complex by relocating the existing gate lanes and expanding the number of lanes equipped with truck scales and 2) the construction of a cargo container storage yard by demolishing an unused warehouse and repurposing the land for container sorting and storage.

Grays Harbor Terminal 4 Expansion & Redevelopment Project (\$25,500,000)

Aberdeen, Washington

The Project includes the construction of an additional 50,000 feet of rail to accommodate unit trains; railcar storage; the repurposing of a 50-acre brownfield site into a breakbulk cargo handling and laydown area; access and roadway improvements; replacement of marine terminal fendering systems; and related site improvements.

Intermodal Handling and Transfer Facility Improvements Project (\$8,608,000)

Port Angeles, Washington

The Project consists of structural repairs and improvements to an existing 112-year-old dock and pavement improvements to increase the surface elevation and load capacity for approximately 10 acres of an existing 30-acre cargo yard.

Master Plan, Pier Design, and Boat Ramp Construction Project (\$11,073,627)

La Conner, Washington

The Project consists of four components: 1) development of a port master plan that evaluates the existing infrastructure, assesses the community's needs for port facilities and services, identifies a range of proposed infrastructure solutions to meet those needs, and conducts preliminary engineering and design work for priority projects; 2) design and construction of a boat ramp; 3) completion of design and engineering for upgrades to a commercial pier; and 4) replacement of a mooring float. The boat ramp and mooring float will be constructed on Tribal lands.

Seaport Throughput Improvement Project (\$9,270,918)

Olympia, Washington

The Project consists of repairing and/or replacing pavement in approximately 21 acres of cargo handling area, constructing a new maintenance facility, and making structural repairs to Cargo Berth One to support increased use of an existing mobile harbor crane. The Project also includes an updated facility condition assessment and final design and engineering work.

WISCONSIN

Port of Green Bay Site Development Project (\$10,134,800)

Green Bay, Wisconsin

The Project funds the first phase of redevelopment of a former power plant site into a new port terminal. The Project includes the following components: engineering services; clearing and clean-up of the existing brownfield site; construction of new dock walls and bulkheads; dredging; placement of fill behind dock wall and bulkheads; construction of stormwater collection and treatment facilities; installation of bollards and crane pads; asphalt resurfacing; new roads and utilities; truck scales; construction of an office building; and repair and extension of a rail spur with installation of three switches.



U.S. Transportation Secretary Pete Buttigieg Announces Over \$241 Million in Grants for America's Ports

Thursday, December 23, 2021

Grants Will Help Address Supply Chain Challenges at Ports

WASHINGTON – The U.S. Department of Transportation Secretary today announced the award of more than \$241 million in discretionary grant funding for 25 projects to improve port facilities in 19 states and one territory through the Maritime Administration's (MARAD) Port Infrastructure Development Program (PIDP).

These grants demonstrate rapid action on commitments in the Biden-Harris Port Action Plan, which will strengthen our supply chains to meet demand resulting from the rapid economic recovery over the past year, and help address inflationary pressures.

"U.S. maritime ports play a critical role in our supply chains," said U.S. Secretary of Transportation Pete Buttigieg. "These investments in our nation's ports will help support American jobs, efficient and resilient operations, and faster delivery of goods to the American people."

The PIDP is in its third year and has already awarded \$492 million for 32 projects of regional and national economic significance within its first two years. The program supports efforts by ports and industry stakeholders to improve facility and freight infrastructure to ensure the Nation's freight transportation needs, present and future, are met. It provides planning and capital financing and project management assistance to improve ports' capacity and efficiency.

The projects that were awarded grants include coastal seaports, Great Lakes ports, and inland river ports. The Fiscal Year (FY) 2021 PIDP includes priorities related to job creation, climate change, and environmental justice impacts.

"These investments will support the shift to cleaner transportation, which will create more economic activity and good paying jobs," said the Acting Maritime Administrator Lucinda Lessley. "The Port Infrastructure Development Program is an important part of building back better for our ports, our communities, our economy, and our people."

By announcing these grant awards now, the Department is making good on a promise in the Biden-Harris Port Action Plan that will take actions to address supply chain disruptions by helping to increase Federal flexibilities for port grants; accelerate port infrastructure grant awards; initiate new construction projects for coastal navigation, inland waterways, and land

ports of entry; and launch the first round of expanded port infrastructure grants funded through the Bipartisan Infrastructure Law.

This Bipartisan Infrastructure Law will rebuild America's roads, bridges, and rails; upgrade and expand public transit; modernize the Nation's ports and airports; improve safety; tackle the climate crisis; advance environmental justice; and invest in communities that have too often been left behind. It will drive the creation of good-paying union jobs and grow the economy sustainably and equitably so that everyone gets ahead for decades to come.

Going forward, the Bipartisan Infrastructure Law will provide \$450 million annually in funding for the PIDP program for fiscal years 2022 through 2026, or a total of \$2.25 billion. This is roughly the same amount of federal funding provided to ports under DOT-administered grant programs since the DOT began providing funding to ports in 2009.

Ports provide high quality union jobs for Americans and are key to a nation that heavily relies on its maritime services. By providing the funding to support the improvement of this critical infrastructure, MARAD and the Department are ensuring these services will succeed during the Nation's ongoing economic recovery.

All PIDP grant award recipients must apply, comply with, and implement all provisions of the Buy American Act.

Some of the projects to be funded under this announcement include:

Long Beach, California

America's Green Gateway Phase 1: Pier B Early Rail Enhancements Project (awarded: \$52,300,000)

The project includes a new locomotive facility, extension of the east rail yard, and extension of the west rail yard. The project will add a 10,000-foot support track within a critical supply chain corridor, construct a new support facility for 24 locomotives, add three new yard tracks, and extend five existing tracks to increase operational efficiency for port cargo and enhance safety for rail workers.

Houston, Texas

Bayport Container Terminal Expansion (awarded: \$18,267,600)

The project will fund development of Container Yard 1 South, a 39-acre space at the port's Bayport Container Terminal. Specifically, the project will improve the efficiency and reliability of the movement of goods by increasing the storage capacity of the Bayport Container Terminal complex to 2.3 million TEUs and reducing equipment turn times by using the additional storage capacity to help capitalize on improvements at a nearby truck gate and construction of a new rail spur. The project will support both export and import cargoes.

Brunswick, Georgia

Colonel's Island Berth #4 (awarded: \$14,647,284)

The project will address supply chain challenges by constructing a fourth roll-on/roll-off (Ro-Ro)

vessel berth at the Port of Brunswick's Colonel's Island Terminal in order to add needed capacity at the Nation's second busiest Ro-Ro cargo port and more efficiently accommodate the larger 7,000-plus-unit vehicle carrier vessels that are becoming the industry standard for Ro-Ro ships calling at U.S. ports.

Bay St. Louis, Mississippi

Port Bienville Rail Storage Yard (awarded: \$4,140,000)

This project will construct a new rail storage yard to support the existing operations at the port facility. The project would add 130 additional storage spaces, construct two sets of storage tracks, and a new rail siding. These additional spaces are expected to increase the Hancock County Port and Harbor Commission's (HCPHC) storage capacity by 25 percent so that it can safely manage the current storage operations and meet the current repressed storage demand – easing supply chain challenges. This efficient placement will give Port Bienville Railroad customers access to their cars in a timely manner and increase the reliability of the HCPHC by decreasing the delays caused by congestion.

Tell City, Indiana

Ohio River Pier Project (awarded: \$1,600,000)

The project will fund construction of a 40-foot diameter pier for a crane that will be used for direct barge-to-truck unloading of cargo. The pier design will allow the crane to operate regardless of water levels. The project complements other capital development projects at the port, including a road project that will provide trucks carrying cargo from the port direct access to a nearby state highway to help speed up the movement of goods through the supply chain.

Delcambre, Louisiana

Port Resiliency Improvements (awarded: \$2,000,000)

This project includes a dock restoration project and investments required to establish an industrial fabrication facility at the port. Project components include dock refurbishment, debris removal, port slip improvements, and construction of several new small buildings.

Alpena, Michigan

Improving Vessel Access for Sustained Viability (awarded: \$3,751,623)

The City of Alpena is partnering with Lafarge Alpena to upgrade and modernize Lafarge Alpena's port and landside shipping facilities to meet the increasing demand for the plant's construction products. Project improvements include berth dredging to increase the water depths within the port basin to satisfy larger vessels, stone dock demolition to increase the overall area for vessels to access the site, new mooring dolphins, the addition of a roof for a storage building, demolition of a storage building, and maritime security (MARSEC) upgrades.

Oakland, California

Powering the Future Project (awarded: \$5,200,000)

The project replaces an existing electrical substation and circuit located within the port facility. Additionally, the project will construct a new on-site fuel cell facility and a solar array with

battery storage and establish a direct connection between the port's substation and the local electric utility's biomass-fuel generator.

Portsmouth, Virginia

Portsmouth Marine Terminal Offshore Wind Development (awarded: \$20,000,000)

The project will fund improvements to the Portsmouth Marine Terminal to enable it to serve as a staging area in support of offshore wind projects. The grant will fund construction of wind turbine generator staging area in the uplands adjacent to one of the terminal's wharves and a second area where monopiles and other project components will be stored.

Tacoma, Washington

Off-Dock Container Support Facility (awarded: \$15,730,000)

The project will fund construction of an Off-Dock Container Support Facility. The project is part of the port's capital improvement program to modernize and optimize the use of its container terminals and support facilities. The project improves 24.5 acres of land adjacent to the Husky, West Sitcum, and Washington United terminals and will help improve the movement of goods through the facility.

A full list of recipients can be found [here](#).

Large Project Awards

2021

Oakland, California

Powering the Future Project (awarded \$5,200,000)

The project replaces an existing electrical substation and circuit located within the port facility. Additionally, the project will construct a new on-site fuel cell facility and a solar array with battery storage and establish a direct connection between the port's substation and the local electric utility's biomass-fuel generator.

Long Beach, California

America's Green Gateway Phase 1: Pier B Early Rail Enhancements Project (awarded \$52,300,000)

The project consists of three stand-alone components, each with independent utility. These components are a new locomotive facility, extension of the east rail yard, and extension of the west rail yard. The project will add a 10,000-foot support track within a critical freight corridor, construct a new support facility for 24 locomotives, add three new yard tracks, and extend five existing tracks to increase operational efficiency for port cargo and enhance safety for rail workers.

Garden City, Georgia

Colonel's Island Berth #4 (awarded \$14,647,284)

The project will construct a fourth roll-on/roll-off (Ro-Ro) vessel berth at the Port of Brunswick's Colonel's Island Terminal in order to add needed capacity at the nation's second busiest Ro-Ro cargo port and more efficiently accommodate the larger 7,000-plus-unit vehicle carrier vessels that are becoming the industry standard for Ro-Ro ships.

Albany, New York

Offshore Wind Tower Manufacturing Port Project (awarded (\$29,500,00)

The project will construct the necessary infrastructure to develop 81 acres of a vacant industrial area along the Hudson River immediately south of the existing Port District into an offshore wind tower manufacturing port. The project will also redevelop an additional 14.5 vacant acres inside the Port of Albany. The project scope encompasses the necessary infrastructure design and construction to develop the Offshore Wind Tower Manufacturing Port. This includes an access bridge and connector roadway, all internal roads, all utility site work and infrastructure, upland preparation, berth dredging, and 500 linear feet of 6,000 lb/sf heavy capacity wharf construction.

New York, New York

South Brooklyn Marine Terminal (SBMT) 35th Street Pier Expansion Project (awarded \$24,970,500)

The project will add a barge berth and an additional crane pad on the western end of the 35th Street Pier. The wharf will be designed to accommodate 400-foot long barges.

San Juan, Puerto Rico

Pier 15 Rehabilitation and Enhancement (awarded \$10,000,000)

The project will fund reconstruction of the Tender Pier and Dock B in the Pier 15 area in the Port

of San Juan. It will also fund design and construction of an Outfitting Pier to enhance Ro-Ro operations at Pier 15. The reconstruction activity addresses infrastructure damage caused by Hurricanes Irma and Maria. The Pier 15 area supports vessels that transport cargo between Puerto Rico and the Dominican Republic, islands in the Lesser Antilles, and ports along the east coast of the United States.

Houston, Texas

Bayport Container Terminal Expansion (awarded \$18,267,600)

The project will fund development of Container Yard 1 South, a 39-acre greenspace at the port's Bayport Container Terminal. Work funded consists of site preparation, grading, drainage, utilities, concrete surfaces suitable for the storage of containers, signage, electrical, lighting, and communications. Completion of this project will complement other port-funded improvements at the terminal.

Portsmouth, Virginia

Portsmouth Marine Terminal Offshore Wind Development (awarded \$20,000,000)

The project will fund improvements to the Portsmouth Marine Terminal to enable it to serve as a staging area in support of offshore wind projects. The grant will fund creation of a wind turbine generator staging area in the uplands adjacent to one of the wharves and a second storage area where monopiles and other project components will be stored. The staging and storage areas require installation of piles to increase the load-bearing capacity of the site, new pavement to support the heavy components that will be imported thru the facility, stormwater and drainage infrastructure improvements, and site utility work.

Tacoma, Washington

Off-Dock Container Support Facility (awarded \$15,730,000)

The project will fund construction of an Off-Dock Container Support Facility. The project is part of the port's capital improvement program to modernize and optimize the use of its container terminals and support facilities. The project improves 24.5 acres of land adjacent to the Husky, West Sitcum, and Washington United terminals. The site will provide space to store empty containers and chassis, freeing up dock-side space at the terminals for cargo operations. Work includes new gates, a guard shelter, perimeter security fencing, energy-efficient lighting fixtures, stormwater system improvements, and refurbishment of a railroad crossing adjacent to the site.

Superior, Wisconsin

Infrastructure Improvements Project (awarded \$8,368,000)

The project will fund repairs to an unutilized facility in the Port of Superior. The project will fund construction of a new sheet pile retaining wall, placement of tremie concrete behind the new wall to create a load-bearing surface, and installation of a concrete cap atop the new wall. Improvements also include rail and road work, a stormwater management system, utilities, a shop and office building, and dredging.

Small Projects at Small Port Awards

Whittier, Alaska

Whittier Terminal Master Plan (awarded \$1,173,600)

This project is for the development of a comprehensive master plan that evaluates the condition, performance, safety, efficiency, state of good repair, reliability, resiliency, and sustainability of the Whittier Terminal. The plan will identify areas for rehabilitation of marine, terminal, and upland infrastructure, as well as operations that support the terminal.

Little Rock, Arkansas

Port of Little Rock Mooring Upgrade Project (awarded \$3,079,845)

The project will restore and expand the port's current barge fleeting capacity on the Arkansas River, which is part of the McClellan-Kerr Arkansas River Navigational System (MKARNS). The project will replace fifteen unsafe deadman ground anchors that are near the end of their useful lives with steel monopile dolphins. It will install an additional thirty-two dolphins in other locations.

Granite City, Illinois

Granite City Harbor Extension Project (awarded \$4,140,000)

The project will fund improvements to a berth and cargo transfer location at the port's Granite City Harbor facility. It extends the length of the harbor's wharf by nearly 30% and creates a half-acre of additional working space to support cargo dock operations. The wharf extension will create a contiguous 1,200-foot-long wharf capable of handling six barges at once. Removable safety rails will be installed adjacent to the wharf. Construction includes the installation of a sheet pile wall with drainage improvements and addition of gravel-topped backfill for a new, permeable work surface. The project is the first phase of the port's Wharf Improvement Plan.

Tell City, Indiana

Ohio River Pier Project (awarded \$1,600,000)

The project will fund construction of a 40-foot diameter pier for a crane that will be used for direct barge-to-truck unloading of cargo. The pier design will allow the crane to operate regardless of water levels. Once the new pier is complete and operational, grant funds will be used to demolish the existing pier because it is structurally unsound. The project complements other capital development projects at the port, including a road project that will provide trucks carrying cargo from the port direct access to a nearby state highway.

Paducah, Kentucky

Bulk Yard Infrastructure Revitalization and Expansion Project (awarded \$3,320,000)

The project funds several related infrastructure improvements at the port. The improvements modernize the port's material handling equipment, repair damaged facilities, and upgrade site conditions in the port's Bulk Yard. Specific work includes: adding a concrete surface to the existing laydown area to create a 30,000-square-foot pad; replacing three cable mast radial stackers; replacing a 90-foot conveyor and reclaim hopper; utility work associated with equipment installations; rebuilding the roofs on two storage domes; replacing a truck scale;

procuring three ground conveyors; purchasing four generators; and, purchasing and installing a canopy that will enable the port to handle weather-sensitive cargoes.

Delcambre, Louisiana

Port Resiliency Improvements (awarded \$2,000,000)

This project includes a dock restoration project and investments required to establish an industrial fabrication facility at the port. Project components include dock refurbishment, debris removal, port slip improvements, and the construction of several new small buildings.

Salem, Massachusetts

Salem Port Infrastructure Improvements (awarded \$2,403,000)

This project includes improvements and enhancements to the Deep-Water Berth at the Port of Salem. Specific components include the construction of two mooring devices, a new catwalk, and improvements to the passenger access pathway, including revetment repair, utility upgrades, and pavement improvements.

Alpena, Michigan

Improving Vessel Access for Sustained Viability (awarded \$3,751,623)

The City of Alpena is partnering with Lafarge Alpena to upgrade and modernize Lafarge Alpena's port and landside shipping facilities to meet the increasing demand for the plant's construction products. Project improvements include berth dredging to increase the water depths within the port basin to satisfy larger vessels, stone dock demolition to increase the overall area for vessels to access the site, new mooring dolphins, the addition of a roof for a storage building, demolition of a storage building, and maritime security upgrades.

Marquette, Michigan

Protecting Critical Infrastructure and Improving Efficiency (awarded \$1,617,750)

The project will improve critical port infrastructure, dredge encroaching sediment to protect port infrastructure, and deposit dredge materials on shore to enhance coastal restoration and protect road infrastructure at the Port of Marquette.

Saint Paul, Minnesota

Barge Terminal 2 Dock Wall Rehabilitation (awarded \$4,140,000)

The project funds replacement of the dock wall at the port's Barge Terminal 2 (BT2). The dock wall at BT2 is 1,316 feet long and was originally constructed in 1964. Engineers hired by the port have completed several inspections of the dock wall and documented numerous structural deficiencies, including perforations in the existing steel sheet pile wall, a failing tie-back system, and sinkholes behind the dock wall. The project will install a new steel sheet pile wall directly in front of the existing dock wall and a new tie-back system. Improvements will also include filling the voids created by the holes in the existing wall.

Aberdeen, Mississippi

Aberdeen Port Rail Spur Connector (awarded \$4,000,000)

The project funds construction of 12,200 linear feet of new rail spur in Aberdeen, Mississippi. The proposed spur would provide direct access between the port along the Tennessee-Tombigbee

Waterway and the Kansas City Southern Railroad. Construction includes sitework, utilities, and stormwater management and construction materials will include rail, ballast, ties, and turnouts.

Bay St. Louis, Mississippi

Port Bienville Rail Storage Yard (awarded \$4,140,000)

This project will construct a new rail storage yard to support the existing operations at the port facility. The project would add 130 additional storage spaces, construct two sets of storage tracks, and a new rail siding. These additional spaces are expected to increase the Hancock County Port and Harbor Commission's storage capacity by 25 percent so that it can safely manage the current storage operations and address the current unmet storage demand.

Morehead City, North Carolina

Radio Island Rail Improvements Project (awarded \$1,679,904)

This project includes rail improvements within a port facility to replace existing tracks with rail infrastructure that meets FRA Class 1 track safety standards. Specific components of the project include replacing existing ballast and ties, replacing existing turnouts and switches, and replacing crossing surface treatments.

Cleveland, Ohio

Port of Cleveland Comprehensive Planning Study Project (awarded \$3,000,000)

The project will conduct a harbor-wide and regional planning study for the Cleveland-Cuyahoga County Port Authority to address its comprehensive cargo handling, environmental, and economic development needs, in addition to regional-level planning goals. The planning study will include six components: 1) a market analysis, 2) a terminal capacity analysis, 3) an intermodal connection assessment, 4) a plan for port de-carbonization, 5) a coastal resilience plan, and 6) a regional-level cargo capability study.

Ilwaco, Washington

East Bulkhead Resilience Project (awarded \$2,444,138)

The project includes reconstruction and rebuilding of a decades-old wooden bulkhead and related utilities to support transportation operations at the Port of Ilwaco. Work includes acquisition and installation of sheet piling, jet grouting to stabilize and strengthen the ground behind the new bulkhead, and site utility work.



U.S. Transportation Secretary Elaine L. Chao Announces Over \$220 Million in Grants for America's Ports

Thursday, October 15, 2020

WASHINGTON – The U.S. Department of Transportation Secretary Elaine L. Chao today announced the award of more than \$220 million in discretionary grant funding to improve port facilities in 15 states and territories through the Maritime Administration's (MARAD) Port Infrastructure Development Program.

A complete list of grant recipients is below:

Seward, Alaska

Marine Terminal Freight Dock & Corridor Improvements (awarded \$19,779,425)

The project will expand the existing dock by approximately 375 feet to deeper water to accommodate growing freight cargoes and to minimize operational conflicts between freight and cruise movements, both onshore and in the harbor. The Corridor Improvement Project component will create a roadway connection between the Freight Dock and the existing Airport Road, allowing improving safety between onshore freight movements and cruise passenger pedestrian movements.

Los Angeles, California

SR 47-Vincent Thomas Bridge & Harbor Boulevard-Front Street Interchange Improvement Project (awarded : \$9,880,000)

This grant will help reduce delays and accidents at the Port of Los Angeles. The project interchange directly serves two container terminals, which handle approximately 5% of all waterborne containers entering/exiting the U.S. About 40% of all U.S. imports and 25% of all U.S. exports move through the Ports of Los Angeles and Long Beach. This project is in an Opportunity Zone.

Palm Beach, Florida

On-dock rail facility development (awarded \$13,224,090)

The project will construct an intermodal container transfer facility on-dock, capable of serving multiple berthed vessels simultaneously. The completion of this project is critical to addressing the major challenge to the Port's realizing its maximum container throughput and reaching its full potential as a regional economic engine with minimal negative impact on the regional highway network.

Burns Harbor, Indiana

Burns Harbor Bulk Storage Facility (awarded \$4,000,000)

The project will convert a vacant gravel yard into a multimodal bulk storage facility. The project will create supply chain improvements in the safe, efficient, and reliable transportation of bulk cargoes. It will also generate benefits including reducing transportation costs, minimizing highway congestion, and maintenance costs, reducing environmental impacts, and improving transportation safety.

Avondale, Louisiana**Avondale Dock Conversion Project (awarded \$9,880,000)**

This grant will help convert a former Avondale Shipyard wharf to a modern cargo dock. Once transformed, the dock will enable the Avondale Industrial Marine District (AIMD) port facility to handle dry bulk and breakbulk cargoes more effectively in general commerce from the west bank of the Mississippi River and will also help to improve truck traffic flow. This project is in an Opportunity Zone.

Baltimore, Maryland**Sparrows Point Bulk Expansion Rail Modernization and Berth Rehabilitation Mid-Atlantic Multi-Modal Transportation Hub (awarded \$9,880,000)**

This grant will add additional waterside access, create a bulk import and export terminal, install a modern gate complex, and upgrade the heavy-duty road network. Furthermore, the project will upgrade rail connectivity and repair all degraded utilities.

Portland, Maine**Linking Intermodal Needs and Rural Freight Knowledge - LINK Project (awarded \$4,098,360)**

This grant will fund the modernization of gates and scales, improvements to existing warehouses, and rail improvements at a bulk transfer facility to improve the intermodal efficiency of the port. The project is in an opportunity zone.

Kansas City, Missouri**Missouri River Terminal Intermodal Facility (awarded \$9,880,000)**

This grant will be used to provide regional access to the marine river network, rail, and highway transportation network. This project includes advanced project planning and redevelopment activities of the MRT site such as preventative flooding maintenance, environmental remediation efforts, site design, land acquisition, and limited pavement and rail access development. The project is in an opportunity zone.

Wilmington, North Carolina**Container Gate Innovation & Access (awarded \$16,073,244)**

This grant will provide for a new container gate to increase throughput capacity by utilizing technology and innovation—including Optical Character Recognition and Weigh-in-Motion Sensors, which will allow drivers to enter and exit the port without stopping for processing. The proposed improvements also allow the Port to streamline container traffic flow throughout the terminal and open up additional yard storage capacity.

Conneaut, Ohio**Port of Conneaut Connector (awarded \$19,527,640)**

This grant will help connect truck and rail freight to the Port of Conneaut, a Great Lakes deep-water port on the shores of Lake Erie. The project entails construction of: a dredge material facility to maintain shipping access to the Port along the Conneaut Creek channel; a new 1.64-mile roadway from US 20 to the Port of Conneaut; and a new rail spur infrastructure to connect the East Conneaut Industrial Park to the Port of Conneaut. The connector will provide critical infrastructure needed to facilitate commercial/industrial development in a region lacking “last mile” truck freight connectivity to its Great Lakes port.

Coos Bay, Oregon**Coos Bay Rail Line Phase II Tie and Surfacing Program (awarded \$9,880,000)**

This grant will rehabilitate and replace ties and resurface track at various locations along the Coos Bay Rail Line (CBRL). This project proposes to replace 67,000 crossties and resurface main line, sidings, an industrial lead, rail yard and spur tracks with ballast along the 121 miles of track that stretches from Eugene to Coos Bay, Oregon. The project is in an opportunity zone.

North Kingstown, Rhode Island

Unlocking the South Berth at Pier 1 (awarded \$11,141,000)

This grant will support the reconstruction of the South Face of Pier 1, which involves the replacement of a portion of the face of the pier with a steel pile supported concrete pier structure. This project will bring the southern berth at the Pier to a state where it can be utilized to accommodate the burgeoning auto import and export industry, bringing the total number of available roll-on, roll-off berths at the Port of Davisville from two to three.

Brownsville, Texas

Grain & Bulk Handling Facility Development, Expansion and Upgrade Project (awarded \$14,504,850)

This grant will support the development, expansion and upgrade of a grain and bulk handling facility. The project consists of fixed landside, rail, and road improvements, as well as related planning and other development activities. Once completed, the project will improve the safety, efficiency, and reliability of the movement of goods. The project is in an Opportunity Zone.

Port Arthur, Texas

Port of Port Arthur Navigation District (awarded \$9,722,223)

This grant will support the replacement of aging critical port infrastructure while improving cargo mobility and productivity. The project will include the deconstruction and removal of a metal clad dockside transit shed, reconditioning of a concrete slab, the erection of a building providing useable storage and approximately a covered area for all-weather truck and rail loading.

Norfolk, Virginia

Norfolk International Terminals Central Rail Yard Expansion Project (awarded \$20,184,999)

This grant supports the construction of eight working tracks—which will create two bundles of four tracks each, in addition to a center working area for transferring and staging containers. Associated lead-in tracks will incorporate turnouts and switches from the terminal's main rail line and vehicle crossings. Additionally, the project will create a return access road that will separate rail dray traffic returning to the container yard from general truck traffic.

St. Thomas, US Virgin Islands

Crown Bay Terminal Improvements Project (awarded \$21,869,260)

This funding will support the reconstruction and modernization of cargo handling and storage infrastructure at the Crown Bay Terminal. The project includes bulkhead rehabilitation, concrete apron restoration, reconstruction of three cargo storage areas; and security improvements including lighting, fencing and fire protection. The project will facilitate more efficient cargo movement both into and out of St. Thomas. The project is in an Opportunity Zone.

Bellingham, Washington

Bellingham Shipping Terminal Rehabilitation Project (awarded \$6,854,770)

This grant will support construction of a larger, more robust heavy load area and the removal of rock outcrops in front of Berth 1 that limit the draft of ships docking at the facility. The project is in an Opportunity Zone.

Seattle, Washington

Terminal 5 Uplands Modernization and Rehabilitation Project: Final Phase (awarded \$10,687,333)

This grant will support infrastructure improvements including surfacing, paving, and reinforcement of a terminal-wide storm water treatment system. Additionally, the project will focus on upsizing electric refrigerated plug capacity and on-terminal rail infrastructure improvements.



U.S. Department of Transportation

Maritime Administration Announces More Than \$280 Million in Grants for Nation's Ports

Friday, February 14, 2020

New grants will provide critical infrastructure support

WASHINGTON – The U.S. Department of Transportation's (USDOT) Maritime Administration (MARAD) today announced that it has awarded more than \$280 million in discretionary grant funding through the new Port Infrastructure Development Program. This funding is designed to improve port facilities at or near coastal seaports.

“Ports are gateways to the world and port infrastructure investments will improve the regional economy, increase productivity and economic competitiveness, and create more jobs,” said U.S. Transportation Secretary Elaine L. Chao.

The Port Infrastructure Development Program supports efforts by ports and industry stakeholders to improve facility and freight infrastructure to ensure our nation's freight transportation needs, present and future, are met. The program provides capital financing and project management assistance to improve port capacity and efficiency. Of the 15 projects that were awarded grants, six are located in [Opportunity Zones](#), which were created to revitalize economically distressed communities using private investments.

“We are very excited to have the opportunity to work more directly with America's ports to enhance their facilities,” said Maritime Administrator Mark H. Buzby. “The grants awarded will ensure that these facilities are operating at their highest, most productive capacities.”

The United States relies heavily on its maritime services and infrastructure. Our ports are an unsung economic boon, directly and indirectly providing countless jobs for Americans. Improving these facilities benefits the American economy and increases the capacity and efficiency of our transportation and supply network nationwide.

A complete list of grant recipients is below:

Anchorage, Alaska

Port of Alaska Modernization Program (awarded \$20,000,000)

This grant will be used to support the construction of a new petroleum and cement marine terminal. This terminal, a key component of the Port of Alaska Modernization Program, will support the transfer of refined petroleum and cement from bulk carriers to onshore pipelines and storage facilities. This project

also promotes energy-efficient trade throughout southcentral Alaska while increasing the facility's overall efficiency.

Long Beach, California

Alameda Corridor South Access: Terminal Island Rail Junction Project (awarded \$14,500,000)

Located at the Port of Long Beach, this grant will be used to improve the capacity at the Terminal Island Wye rail junction by constructing and replacing rails and siding that will improve the efficiency of rail operations. The intended rail enhancements will increase the longevity of the resulting infrastructure.

Los Angeles, California

Port of Los Angeles Multimodal Freight Network Improvement Program: Fenix Container Terminal Intermodal Railyard Expansion and Modernization Project (awarded \$18,184,743)

The grant will be used to increase the capacity of the existing on-dock railyard by adding 11,500 linear feet of track. This project will improve the terminal's rail capacity by 10 percent while also creating utility corridors and draining systems that will minimize the impact of storm-related damage.

Cape Canaveral, Florida

Port Canaveral Cargo Berth Rehabilitation and Modernization Project (awarded \$14,100,000)

This grant will be used to bring the facility into a state of good repair by completing several construction projects that will improve its resiliency.

Miami-Dade County, Florida

PortMiami Cargo Yard Resiliency Improvements and Fumigation and Cold Chain Processing Center Project (awarded \$43,928,393) (Opportunity Zone)

This grant will be used to supplement PortMiami infrastructure improvements to upgrade drainage and resiliency methods, along with the reorganization of cargo containers. The project will also construct a state-of-the-art fumigation and cold chain processing facility. This project is located in an Opportunity Zone.

Savannah, Georgia

Container Berth 1 Realignment (awarded \$34,600,000)

The grants will be used to realign the Port of Savannah's easternmost berth to enable the berth to receive 14,000 Twenty-Foot Equivalent Unit (TEU) container ships. The three-component project consists of demolishing, rebuilding, and deepening the berth to allow vessels to take full advantage of the adjacent navigation channel. The project will enhance the port's overall speed and efficiency of processing containers.

LaPlace, Louisiana

Globalplex Multi-Modal Connections Project (awarded \$13,410,662)

Located at the Port of South Louisiana, the grant will be used to add multimodal connections and enhance the operation efficiency of Globalplex, a public port with a 335-acre maritime industrial park. The project consists of five construction components which, upon completion, will promote exports and improve the state of good repair and resiliency of the complex.

Duluth, Minnesota

Duluth Port Logistics Hub 2020 Revitalization and Expansion (awarded \$10,500,000) (Opportunity Zone)

Located in an Opportunity Zone, the grant will be used to fund the construction of a rail-served warehouse and rehabilitate more than 1,700 linear feet of failing wharf walls at multiple berths inside of the port. The project also includes the addition of an on-dock rail and construction of a new roll-on/roll-off deck and supports the expansion of existing port operations.

Harrison County, Mississippi

Port of Gulfport Access Project (awarded \$15,760,000) (Opportunity Zone)

This grant will be used to improve the roadways leading to and from the entrance to the port, which serves all freight and military cargo. These improvements will promote exports and improve the resiliency of the pavement on local roads. This project is located in an Opportunity Zone.

Cleveland, Ohio

Port of Cleveland's Dock 24 and 26 Master Modernization and Rehabilitation Project (awarded \$11,000,000) (Opportunity Zone)

Located in an Opportunity Zone, the grant will be used to rehabilitate two of the port's main docks, which promote regional exports and improve operations and safety activities.

Toledo, Ohio

Port of Toledo Intermodal Project (awarded \$16,000,000) (Opportunity Zone)

The grant will be used to reconstruct and upgrade the dock at Midwest Terminals Facility 1 at the port, as well as to develop a liquid transloading facility. These projects are part of the port's 10-year capital improvement plan, which will restore the docks' structural integrity and promote efficient energy trade. This project is located in an Opportunity Zone.

Charleston, South Carolina

Wando Welch Terminal Wharf Toe Wall and Berth Deepening Project (awarded \$19,986,000)

The grant will be used to construct an underwater retaining wall and deepen three berths at the terminal to enable the facility to handle larger container ships. This project complements the ongoing U.S. Army Corps of Engineers project to deepen the navigation channel leading to the terminal.

Corpus Christi, Texas

Avery Point Public Oil Docks Redevelopment (awarded \$17,600,000) (Opportunity Zone)

This grant will be used to fund Phase 1 of the Port of Corpus Christi's plan to refurbish docks at the Avery Point terminal that is used by a number of the port's customers to transload petroleum products. The project will double the capacity of Oil Dock 3, enabling the port to meet the growing demand for berth space to support exports of refined petroleum products. This project is located in an Opportunity Zone.

Houston, Texas

Bayport Terminal Intermodal Expansion to Meet Demand Project (awarded \$21,840,000)

The grant will be used to develop 1,000 linear feet of green space site into a wharf at the Bayport Terminal at the Port of Houston. This development includes installation of crane rail to facilitate the ability of existing cranes to operate on the newly developed wharf space. This project will enable the terminal to handle 2.4 million Twenty-Foot Equivalent Unit (TEU) container ships annually.

Milwaukee, Wisconsin

Agricultural Maritime Export Facility (awarded \$15,893,543)

Located at the Port of Milwaukee, the grant will be used to develop an under-utilized parcel of land at the port into an export facility for agricultural commodities. The project promotes exports and energy-efficient trade.