

# 2024 U.S. DOT Maritime Administration (MARAD) Port Infrastructure Development Program (PIDP) Grant

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## BACKGROUND

The Port of Oakland (Port) is one of three principal gateways for containerized cargo on the West Coast of the United States, and serves as the primary export gateway for agricultural products from California's Central Valley which supports the economy of the rural farming sector. The Port is also one of the eighteen federally designated national commercial strategic seaports as part of the National Port Readiness Network. To strengthen and sustainably maintain these key roles, the Port is working to repair dilapidated marine terminal infrastructure; make improvements to accommodate ultra large container vessels (ULCV), capable of handling up to 24,000 TEUs, at its deep-water berths; and modernize its assets while furthering its commitment to reduce emissions and other potential adverse effects on the environment and surrounding communities. Although ULCVs are already visiting the Port, they are accommodated with restrictions and inefficiencies. In its current condition, the wharf at the Outer Harbor Terminal (OHT) does not meet current or future needs for terminal operations of a major international container Port.

## PROJECT SCOPE

The proposed Project involves wharf strengthening and needed structural repairs including crane girder upgrades, added piling, beam strengthening, crane rail replacement, removing electrical bus bar system and replacing with safer and more reliable panzerbelt® cable system at Berths 24-26 (within the OHT) to accommodate the larger ship-to-shore cranes required to seamlessly load and unload the ULCVs. Repairing and upgrading the existing wharf infrastructure will allow the OHT to be placed into full productive use as a marine container terminal with the overarching goal of improving the efficiency of moving cargo in/out of the Port, accommodating ULCVs with the associated efficiency benefits of larger ships, and ensuring resiliency of the California supply chain. These improvements will help ensure goods destined for (or exported from) the Northern California megaregion can use the closest port of call. Additionally, accommodating larger ships can result in fewer vessels calls for the same volume of cargo.

## KEY BENEFITS

- Ensures **long-term efficiency, productivity, and flexibility** of Port operations.
- **Preserves the Port's as an important export gateway** for California producers, supporting economic vitality.
- Provides needed **critical improvements to accommodate ultra large container vessels (ULCV)** which will result in emissions, safety, and economic benefits.
- Maintains readiness of the Port to support force deployment during contingencies and other national defense emergencies as **part of the National Port Readiness Network**.

