



Agreement Between the City of Huntington
Beach and the State of California Department of
Parks and Recreation, Division of Boating and
Waterways (DBW) for Stage 13 Periodic
Nourishment of the Orange County Beach
Erosion Control Project

Subtitle: Public Works Department
Date: March 21, 2023

BACKGROUND

- Project Area: Between Surfside Colony (Seal Beach) and Newport Beach pier
- Beach sand nourishment project conducted every 5-7
- Last phase (Stage 12) conducted in 2010
- Replenishes sand eroded by natural wave action
- Mitigation of flood control structures which by US Army Corps of Engineers which prevents natural replenishment of beach sand
- Result of Rivers and Harbors Act passed in 1962 passed by Congress
- First phase of project was conducted in 1964



NEED/WHY/BENEFITS

- Replenishment of eroded beach sand
- Prevents coastal flooded with natural sand barrier
- Maintains beach sand recreational area(s)
- Protects and prevents erosion of coastal bluffs
- Protects private property and public property along the coast



Without sand management, Newport Beach's coastline would be in danger of washing away. Photo shows the ocean close to homes in 1967. FILE: ORANGE COUNTY REGISTER



DETAILS

- Construction phase expected to commence in Fall 2024
- Expected completion date: February 1, 2025
- 1,850,000 cubic yards of sand to be dredged from two off-shore sites
- Most of dredged sand to be deposited on Surfside beach
- Wave action will transport the deposited sand in southward littoral fashion from Surfside to Newport Beach



FUNDING/SCHEDULE

- Project Costs - \$23,130,000
- Cost allocation based on formula established; Federal government to pay 67% of costs and Local Sponsors (State, Huntington Beach, County of Orange, Surfside Storm Water Protection District) to pay remaining 33%
- Local sponsors costs based on linear beach within project area (see table below)

Project Partner	Linear Feet of Project Area	Share of Costs
US Army Corps of Engineers (Federal Government)	N/A	\$15,497,100
California State Parks, Division of Boating and Waterways (DBW)	27,296	\$6,954,297
City of Huntington Beach	24,029	\$410,517
City of Newport Beach	11,847	\$202,397
Surfside Colony Storm Water Protection District	3,051	\$52,124
TOTAL	67,017	\$23,130,000



RECOMMENDATION

- Approve and authorize the Mayor and City Clerk to execute
“Agreement Between the City of Huntington Beach and the State of California Department of Parks and Recreation, Division of Boating and Waterways (DBW) for Stage 13 Periodic Nourishment of the Orange County Beach Erosion Control Project”



Questions?

