

# Beach Erosion Control & Hurricane Protection Project

Miami Beach Renourishment 2021

Public Meeting

October 7, 2021

MIAMI BEACH



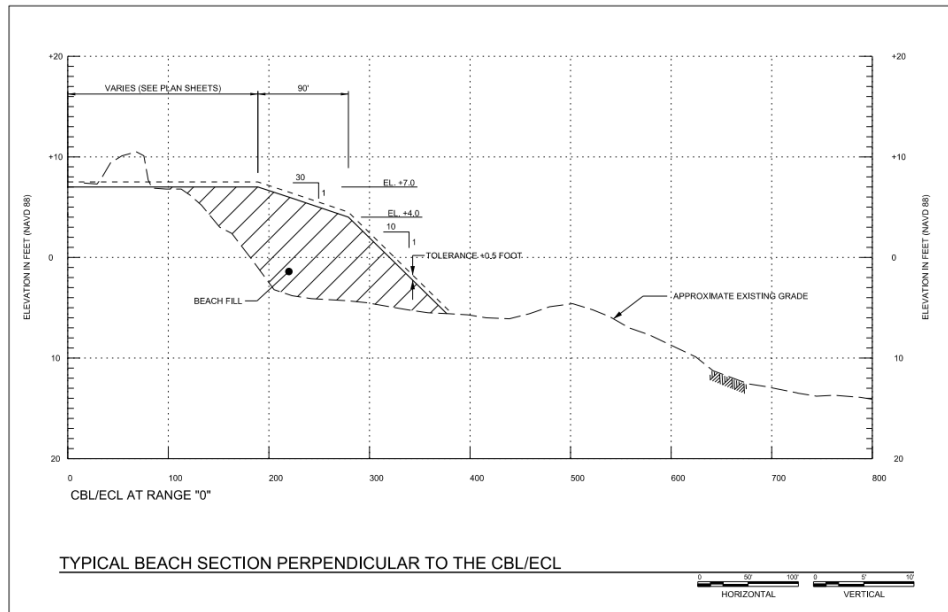
# Purpose

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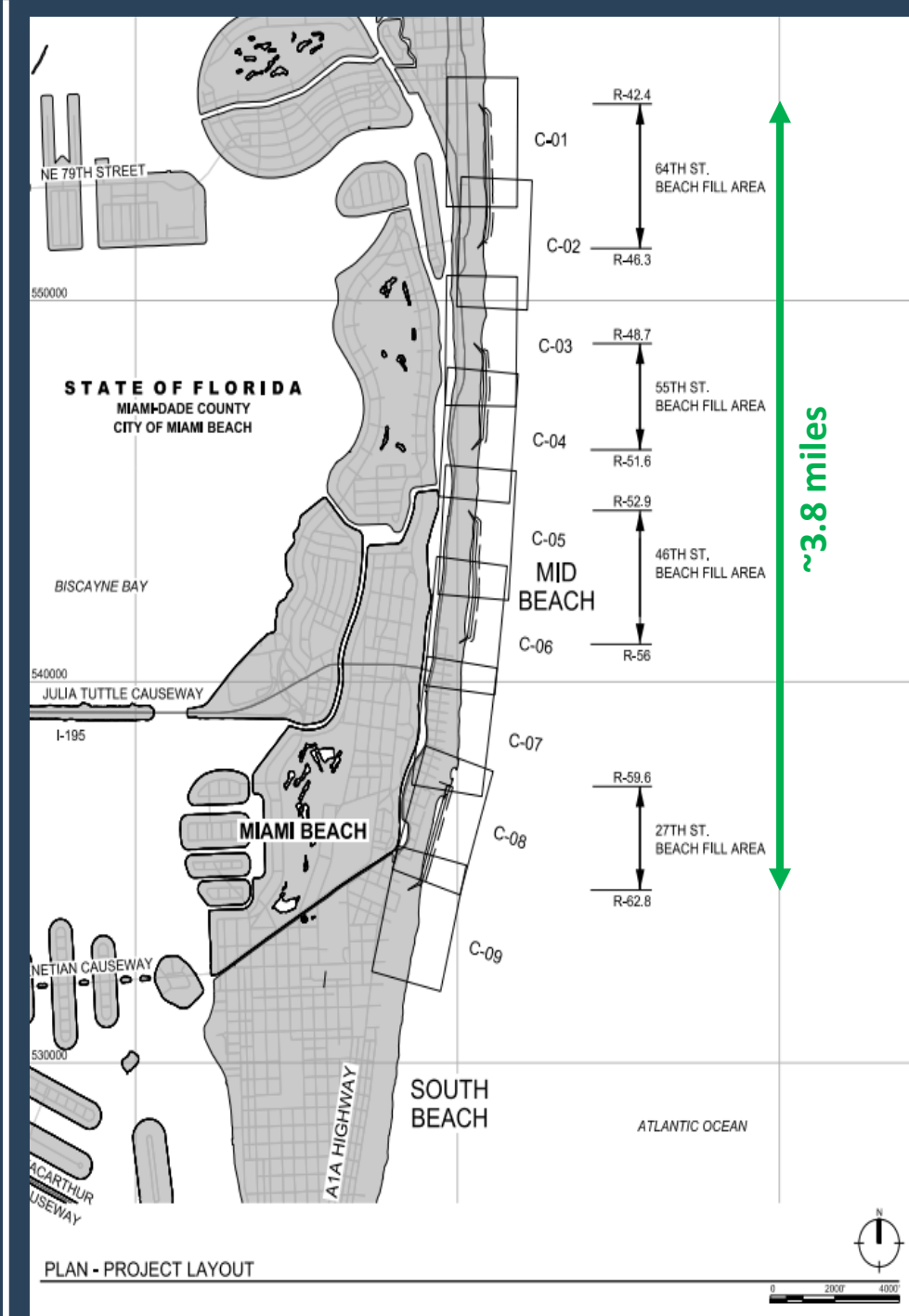
- Federally funded and managed by the U.S. Army Corps of Engineers
- This project provides:
  - Beach erosion control
  - Hurricane surge protection
  - Protect infrastructure
  - Preserve the environment for wildlife
  - Support the economy (tourism)
  - Builds coastal resiliency

# Project Overview

- 64<sup>th</sup> Street Segment
  - 210,000 cubic yards
  - 3,800 feet of Beach
- 55<sup>th</sup> Street Segment
  - 175,000 cubic yards
  - 2,800 feet of Beach
- 46<sup>th</sup> Street Segment
  - 245,000 cubic yards
  - 3,500 feet of Beach
- 27<sup>th</sup> Street Segment
  - 205,000 cubic yards
  - 3,000 feet of Beach



Typical Beach Section



# About the Sand

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- Vulcan-Witherspoon Mine
  - Moore Haven, Florida
  - Tested and approved by USACE
  - 835,000 cubic yards





# Project Schedule\*

(\*Schedule is tentative and subject to change)

- November 2021 – March 2023
- 64<sup>th</sup> Street Segment (64<sup>th</sup> Street Parking Lot Access)
  - About 16-18 weeks (November 2021, December 2021, January 2022, February 2022, March 2022)
  - 210,000 cubic yards
- 55<sup>th</sup> Street Segment (53<sup>rd</sup> Street Parking Lot Access)
  - About 10-12 weeks (March 2022, April 2022, May 2022, June 2022)
  - 175,000 cubic yards
- 46<sup>th</sup> Street Segment (46<sup>th</sup> Street Parking Lot Access)
  - About 18-20 weeks (May 2022, June 2022, July 2022, August 2022, September 2022, October 2022)
  - 245,000 cubic yards
- 27<sup>th</sup> Street Segment (36<sup>th</sup> Street Parking Lot Access)
  - About 16-18 weeks (October 2022, November 2022, December 2022, January 2023, February 2023, March 2023)
  - 205,000 cubic yards

# Project Schedule\*

(\*Schedule is tentative and subject to change)

- Truck Haul
  - Monday – Saturday
  - ~7:00am-7:00pm (daylight hours only)
- Work will commence at the northernmost segment and progress south
- ~100-200 ft per day

# Pedestrian/Traffic Safety



# Pedestrian/Traffic Safety

- Each workday shall begin once clearance is provided by turtle monitors when working during turtle nesting season (March 2 through November 20)
- Haul road traffic control shall be inspected each morning before hauling operations begin
- Truck hauls shall be escorted by properly trained escort
- Traffic control devices will be removed each day at the completion of day's sand fill



TYPICAL WARNING SIGN  
SCALE: N.T.S





# How It Affects You

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- **MOST** of the beach will remain open **MOST** of the time.
  - Business as usual
- During construction, access to certain parts of the beach will be restricted and/or closed, for safety purposes.
- Parts of the beach will need to be cleared of all chairs, umbrellas, huts, etc.
- Coordination with the vendors (e.g., chair vendors) and management will be done through the city of Miami Beach and Miami-Dade County as best as possible.
- If you'd like, please feel free to reach out to the US Army Corps of Engineers (USACE) to establish communication or ask property specific questions.
  - [PublicMail.CESAJ-CC@usace.army.mil](mailto:PublicMail.CESAJ-CC@usace.army.mil)

# Q & A

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- U.S. Army Corps of Engineers
- Miami-Dade County
- Miami Beach

# THANK YOU

## CONTACT INFORMATION:

U.S. Army Corps of Engineers

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## Project Website:

<https://www.saj.usace.army.mil/Missions/Civil-Works/Shore-Protection/Dade-County/Miami-Beach-Renourishment-2021/>

MIAMI BEACH

