

# Brazos Island Harbor Maintenance Dredging-Challenges

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Project Location



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# Project Overview

- Authorized in 1930
- Jetty Channel
- 44 Feet Deep
- Beneficial Use of Dredged Material
- Annual Job
- 300k Cubic Yards





## Placement Options



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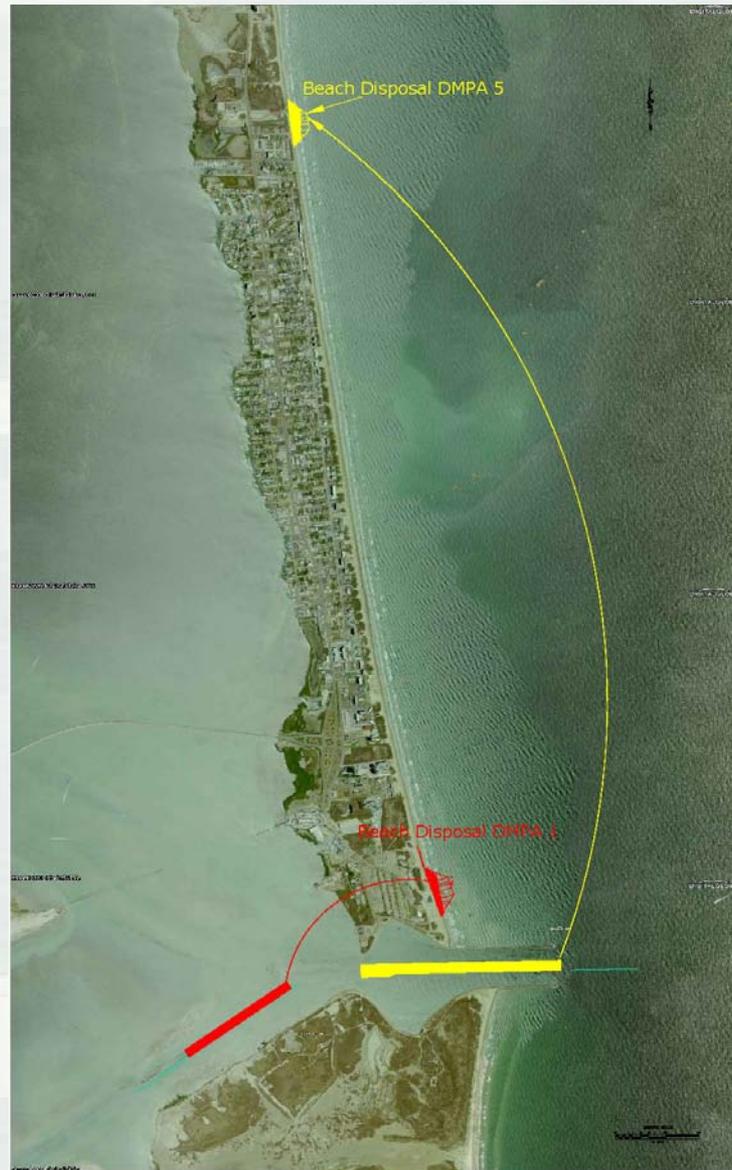
# Project Challenges

- Funding
- Nesting Turtle Window
- Highly Populated Beach
- Weather
- Long Pump Distance
- Unanticipated Material



350,000 CY from the  
Jetty Channel pumped to  
DMPA 5

180,000 CY from the  
Laguna Madre Channel  
pumped to DMPA 1



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HDPE pipe assembly



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More than 5 miles of pipe placed along the beach to DMPA 5!



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Dredge TEXAS grounded on South Jetty



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TEXAS inbound to Port Isabel after grounding



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Dredge ALASKA is dispatched to the project within 3 days after TEXAS grounding



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Incompatible materials removed from beach at  
DMPA 1



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Renourished beach at DMPA 5



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Successful beneficial use of dredged material!



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