

Sand Bypass Project at Port Everglades



Hollywood Commission Meeting
October 22, 2025



Project Background



- Project reflects 30-years of planning, design, and permitting
- Rigorous modeling and coordination with State (FDEP) and Federal (USACE) agencies
- Federal listing of the Queen Conch led to project delays last year

Project Background (continued)



- Design considerations and input from the public throughout process
- Deemed the environmentally-preferred strategy for beach management
- Will provide 50% of the sand needs for southern beaches (highest rate of erosion in Broward County)

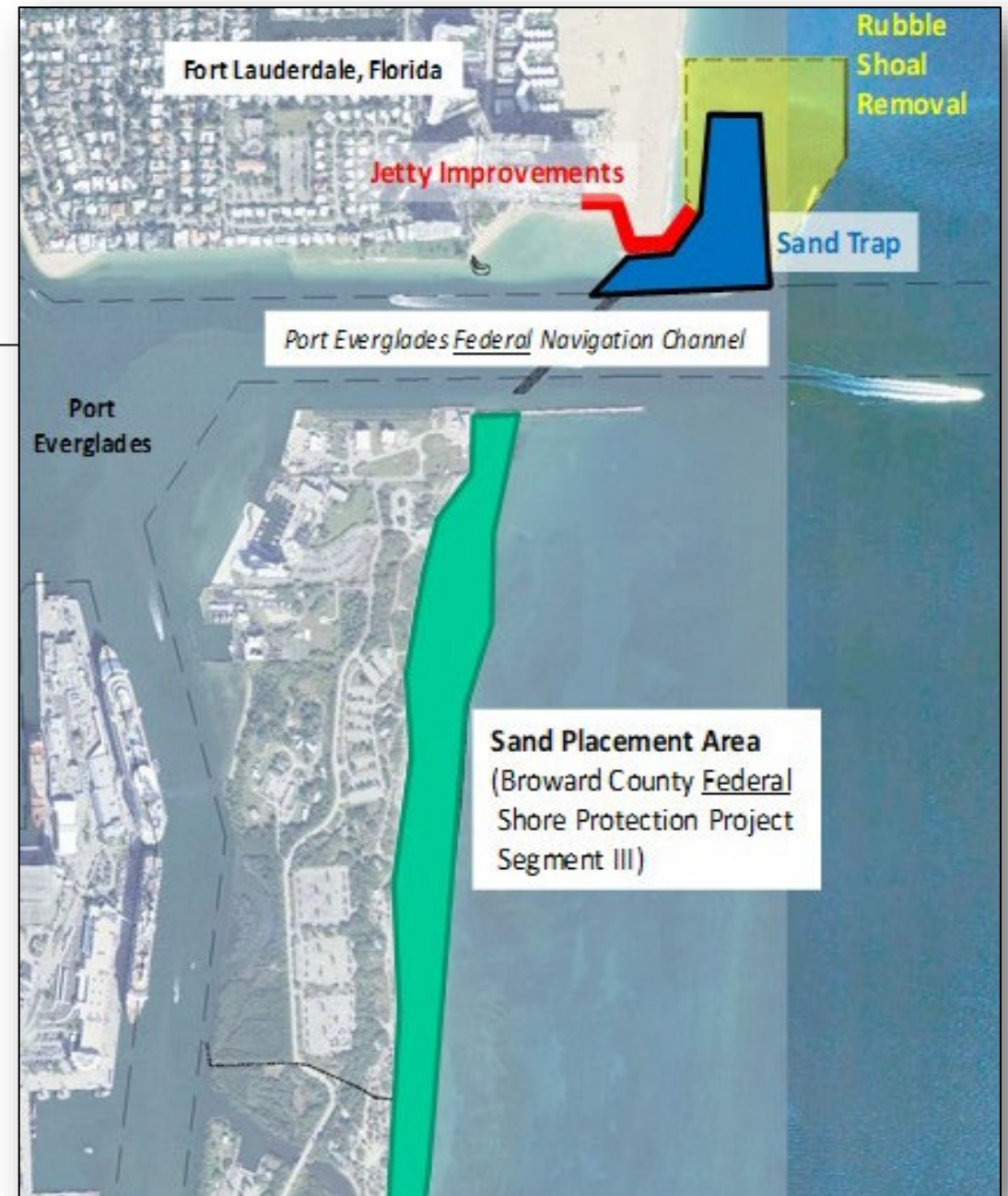
Sand Bypass: Project Overview

Pre-Construction Activities

Four Construction Phases:

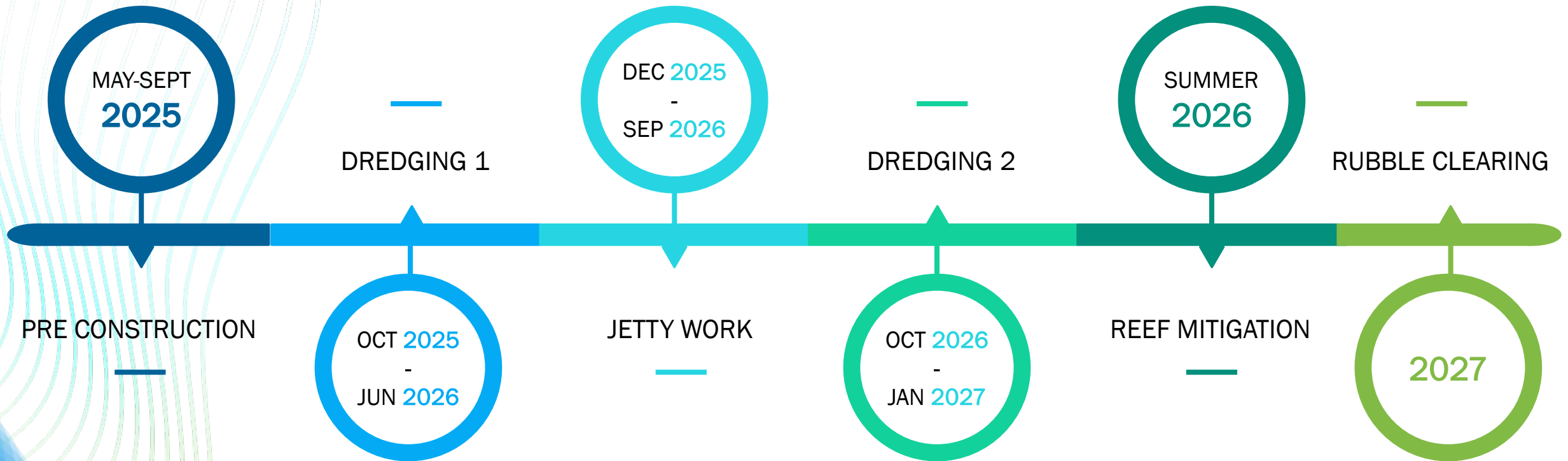
- Dredging (Sand Trap and Rubble Shoal Removal)
- North Jetty Improvements
- Reef Mitigation
- Rubble Clearing (future)

Post-Construction Monitoring and Future Maintenance Events



Project Timeline

*Dredging pauses from July-September for coral spawning



Environmental Protections and Monitoring

- Coral and queen conch relocation from sand trap area
- Seagrass survey
- Turbidity / water quality monitoring (ongoing)
- Sea turtle, manatee observers (ongoing)
- Coral, sediment, and conch surveys in mixing zone (ongoing)



Future

- Maintenance events every 2-4 years to harvest collected sand for placement south of the inlet
 - Mechanical dredge projects
 - Estimate 45-90 days' duration per maintenance event
- Ongoing permit-required environmental monitoring
- Will provide 50% of the sand needs for southern beaches



Recent South Boca Raton Event

Questions?

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