



Panama City Beach 2017 Beach Monitoring Update

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Agenda

- ▶ Construction Summary
- ▶ Post-Construction Monitoring Results
- ▶ Beach Performance



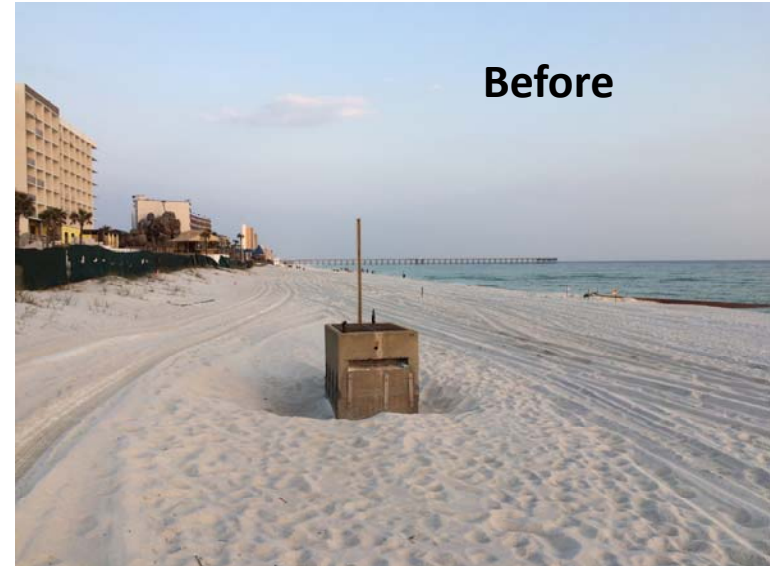
Construction Summary

- ▶ Summer 2016 – monitoring results indicated a need
- ▶ Active construction successfully completed < 2 months, prior to peak tourist season
- ▶ 834,688 CY pay volume
- ▶ 3 dredges
- ▶ \$14.4M



County Pier Construction

- ▶ March 27 to April 14
- ▶ Borrow Area O3
- ▶ 269,095 CY



Pinnacle Port Construction

- ▶ April 10-17
- ▶ Borrow Area O₃
- ▶ 138,800 CY

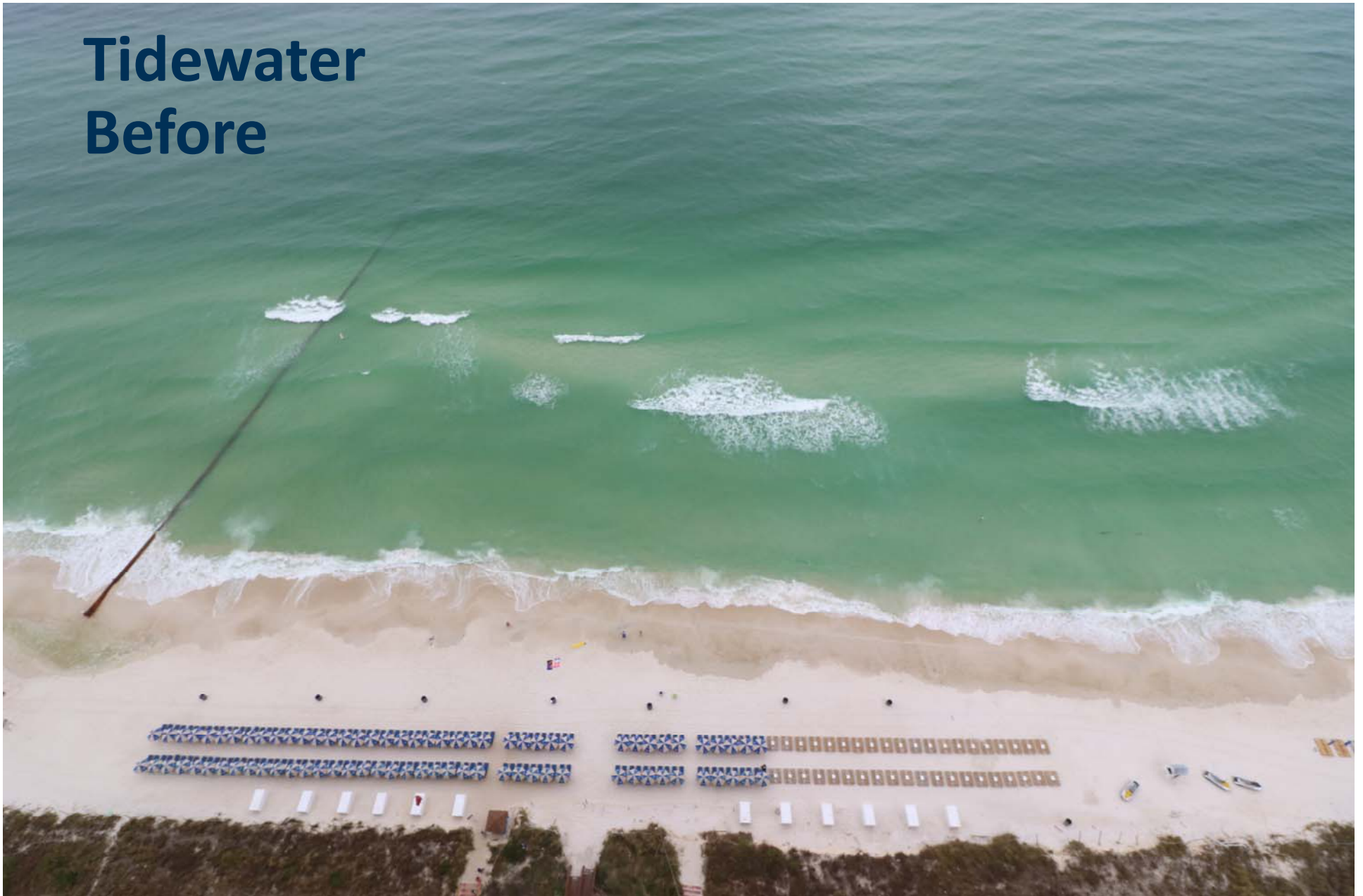


City Pier Construction

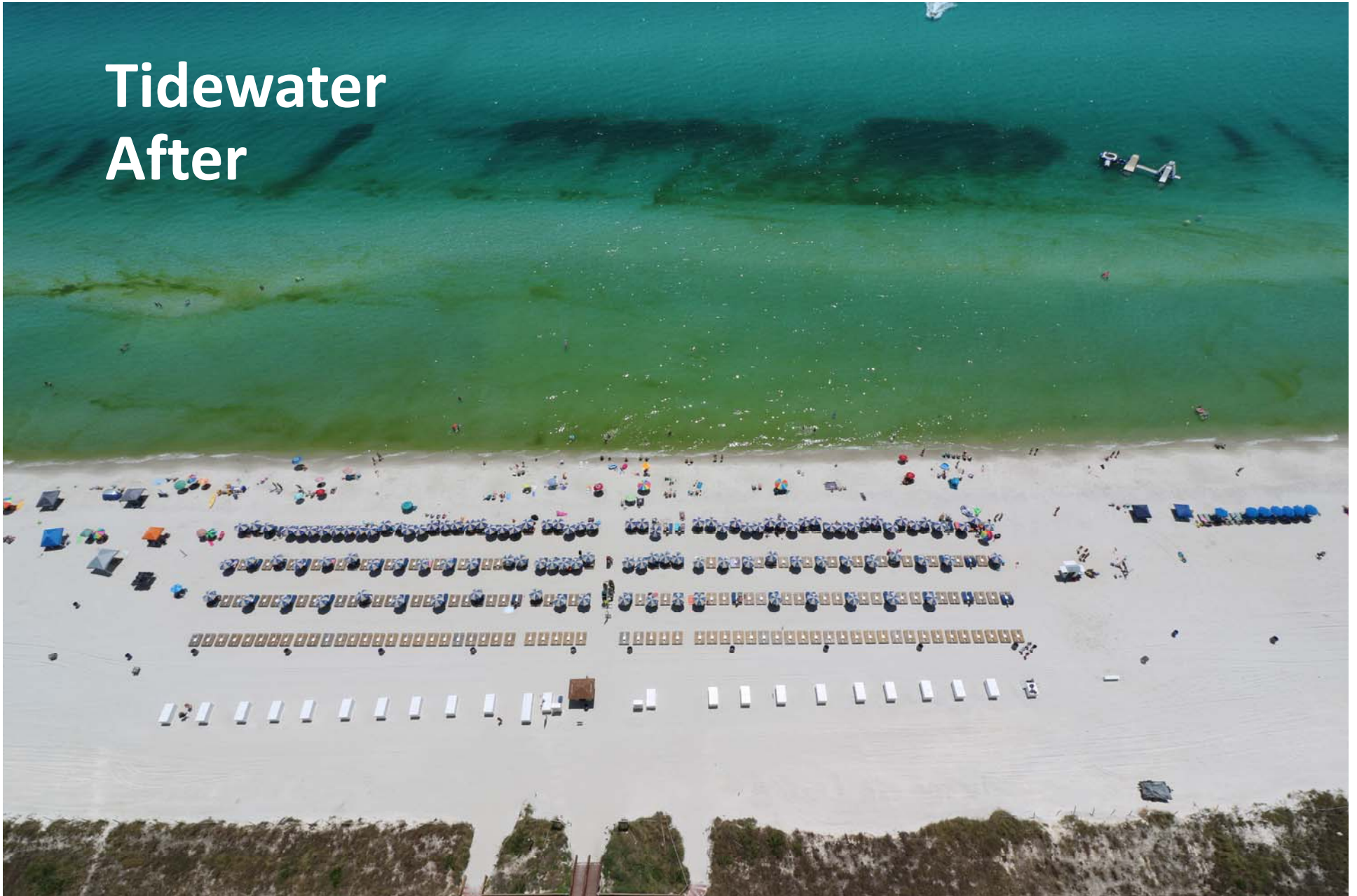
- ▶ April 16 to May 3
- ▶ Borrow Area O3
- ▶ 225,500 CY



Tidewater Before



Tidewater After



Treasure Island Construction

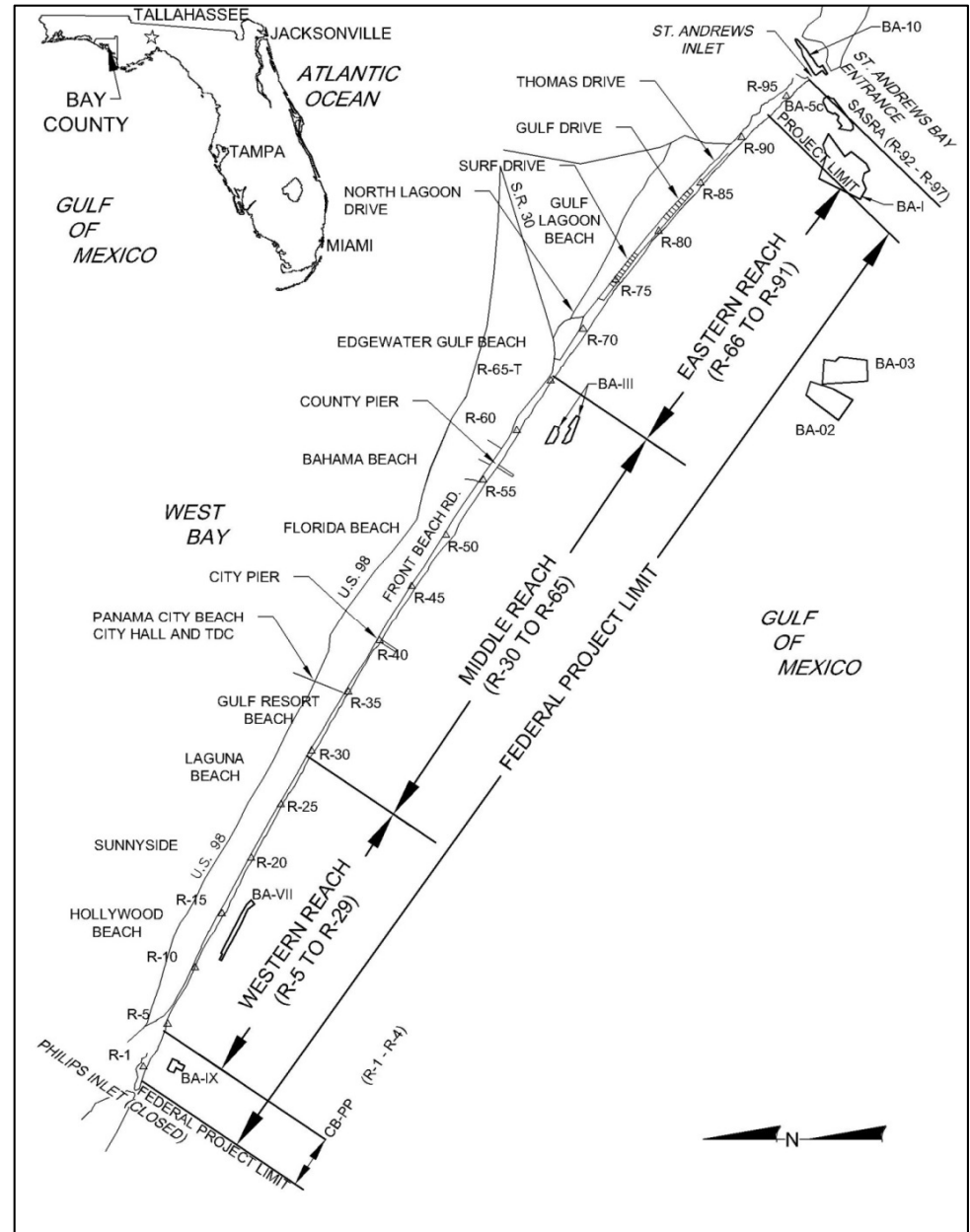
- ▶ May 7 to May 18
- ▶ Borrow Area 11
- ▶ 201,293 CY



Project Reaches for Monitoring

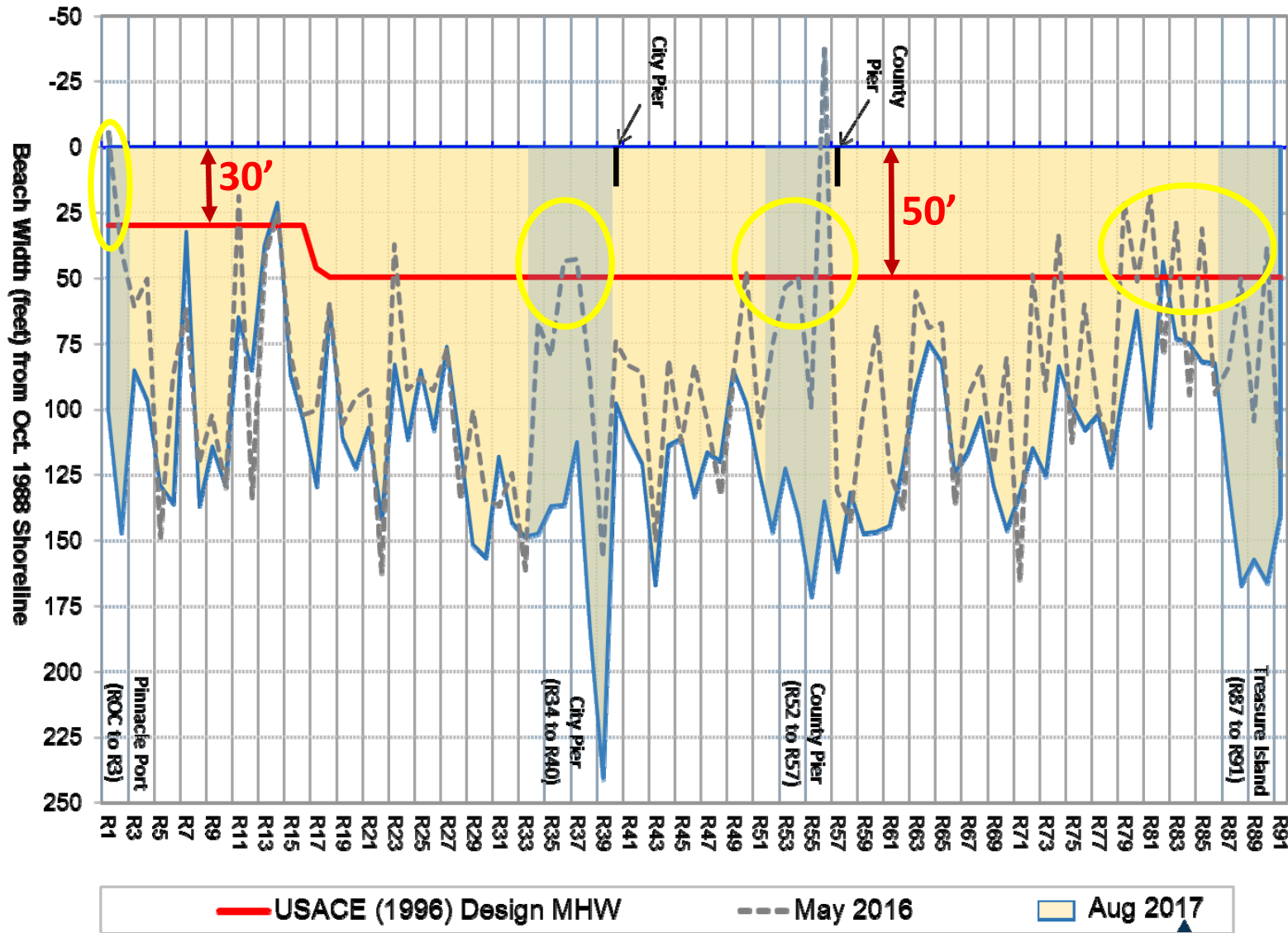
REACH	PROFILES
Philips Inlet	R0A - R0C
Carillon Beach & Pinnacle Port	R1 - R4
Western Reach	R5 - R29
Middle Reach	R30 - R65
Eastern Reach	R66 - R91
State Park	R92 - R97

Volumes Changes by Reach (cubic yards)		
Reach	Placed 2017	2016 to 2017
CB-PP	138,800	121,200
WR	0	-9,200
MR	494,595	618,900
ER	201,293	300,300
Total	834,688	1,031,200

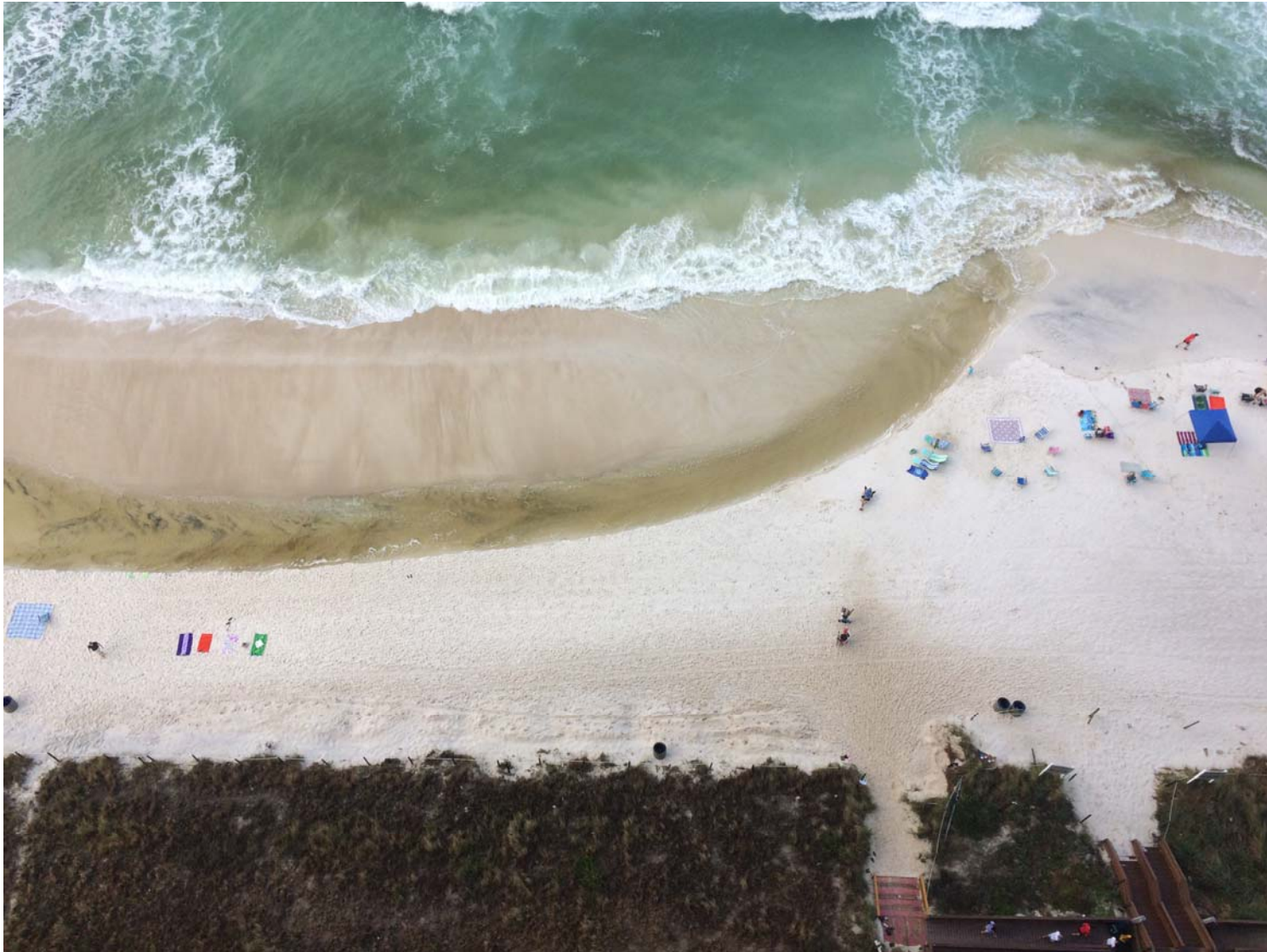


Beach Width 2017

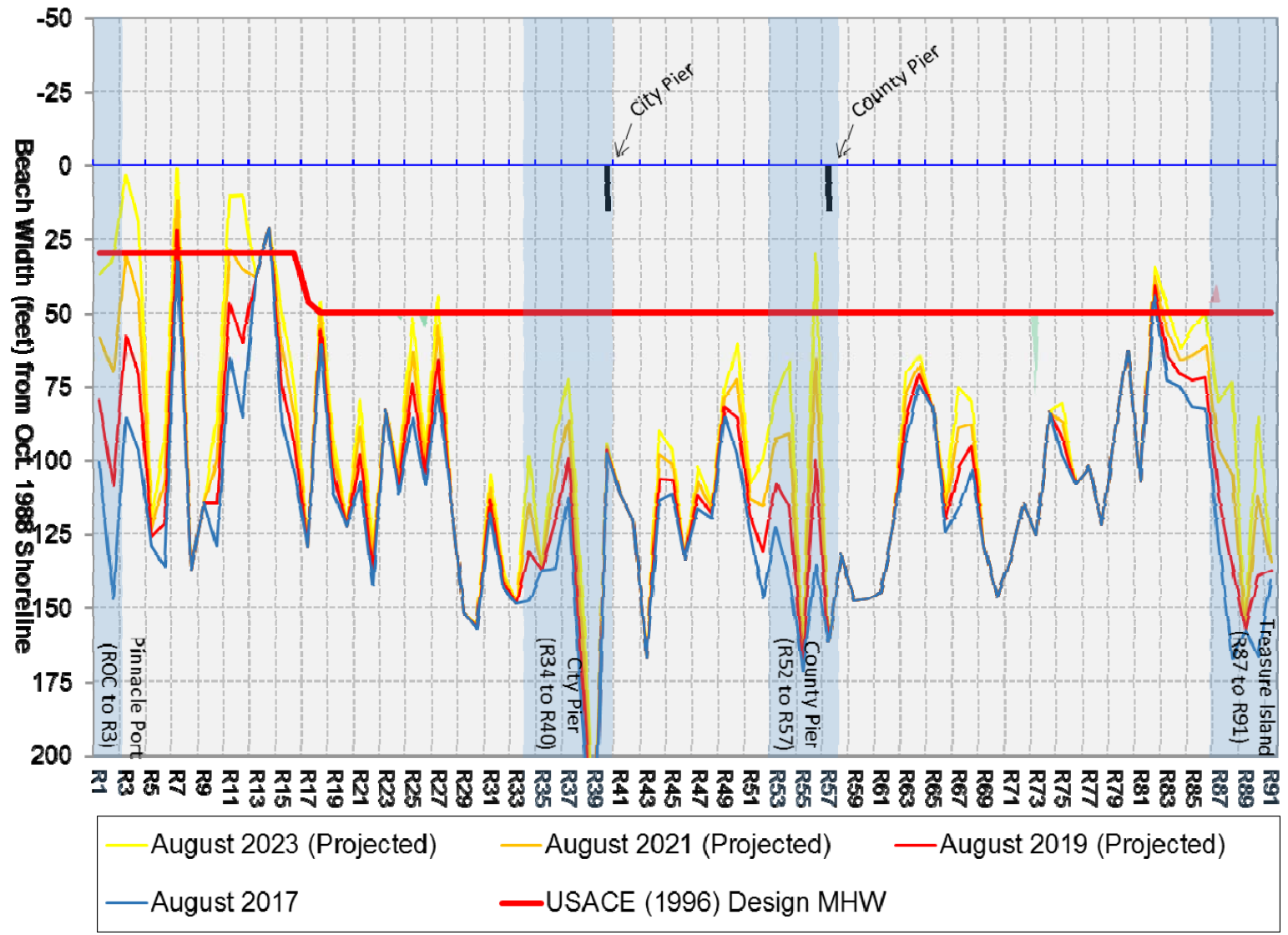
Beach Width
~~May 2016~~
 August 2017 Standard



Cuspate Shoreline



Erosion Projection



Conclusions

- ▶ Successful construction event
- ▶ Prospect of at least 4 to 6 years of design life remaining in all areas
- ▶ Next project likely a response to a major storm event
- ▶ PCB is in a good position with active permits and defined high quality sand sources

Thank you



