

Houston Ship Channel Expansion

Project 11

Fall 2021 Update

In October 2021, the Port Commission awarded the first major dredge contract for the billion-dollar Houston Ship Channel Expansion – Project 11. This work, on segment 1A, will include dredging of 11½ miles of the 52-mile channel, widening a major portion of the Galveston Bay reach from 530 to 700 feet.

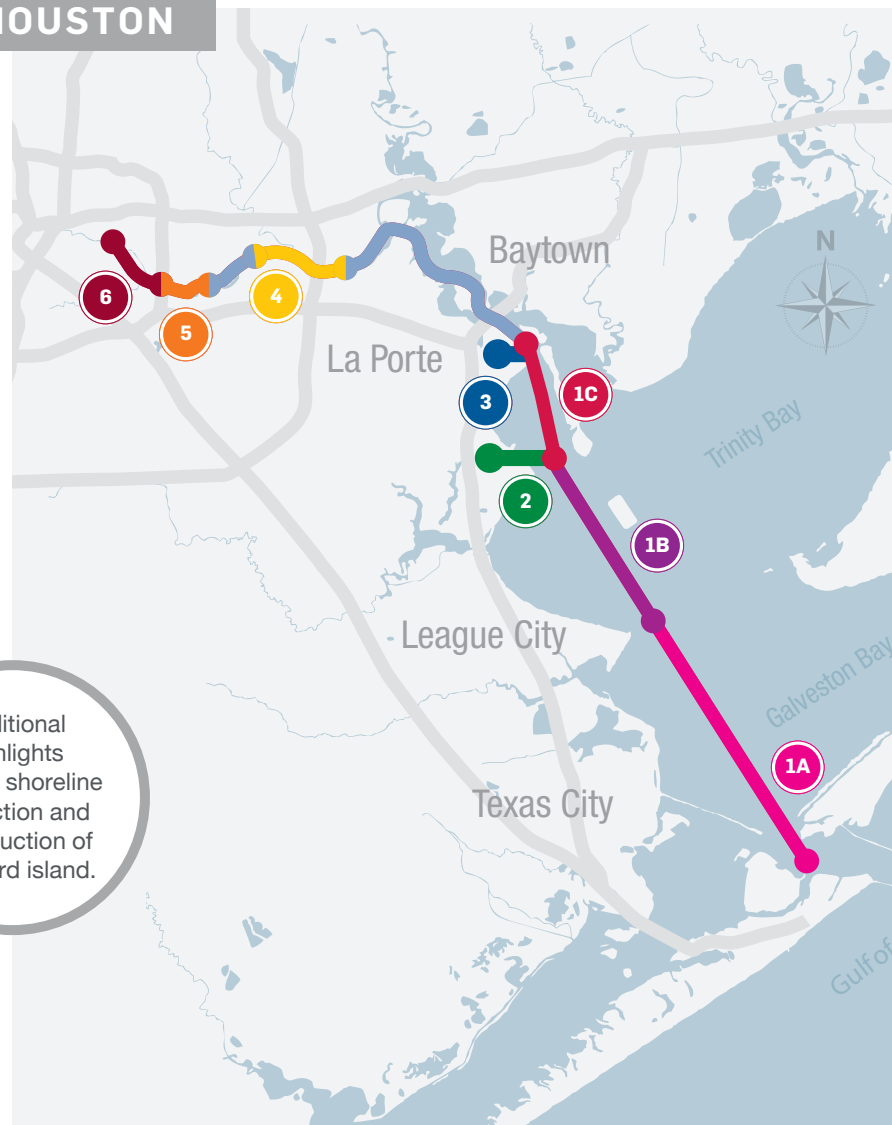
Significant reduction in NOx

Port Houston selected the approach with the most reduction in overall NOx emissions. By using more efficient equipment, applying Selective Catalytic Reduction (SCR) retrofits on a cutter suction dredge and accompanying booster(s,) and using a Tier 3 mechanical dredge, the final proposal resulted in NOx improvements that far exceed the base requirements. The reductions are expected to be:

- 66% better than Tier 1
- 48% better than Tier 3

While not a requirement, Port Houston exceeded its goal for small, minority, woman-owned business (S/MWBE) participation. **\$6.48 million of the base contract will go to S/MWBE companies.**

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Additional highlights include shoreline protection and construction of new bird island.