

GALVESTON DISTRICT NAVIGATION – OPERATIONS AND MAINTENANCE

OVERVIEW OF NAVIGATION PORTFOLIO

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GALVESTON DISTRICT NAVIGATION CHANNELS

LEADING U.S. PORTS (2016 Tonnage)

Houston #2 – 248.0 million tons
#1 Foreign Tonnage & #2 Total Tonnage

Beaumont #5 – 84.5 m.tons
#1 Military Port in World

Gulf Intracoastal Waterway
(79 million tons – Texas portion)
#3 Inland Waterway

Corpus Christi #6 – 82.0 m.tons
America's Energy Gateway

Texas City #15 – 41.3 m.tons
Services Largest Petrochemical Complex

Port Arthur #20 – 35.2 m.tons
Vital Break-Bulk Port

Freeport #33 – 19.6 m.tons
Connecting Global Services
Via Caribbean Relay Port

Galveston #52 – 9.9 m.tons
#4 Cruise Ship Port

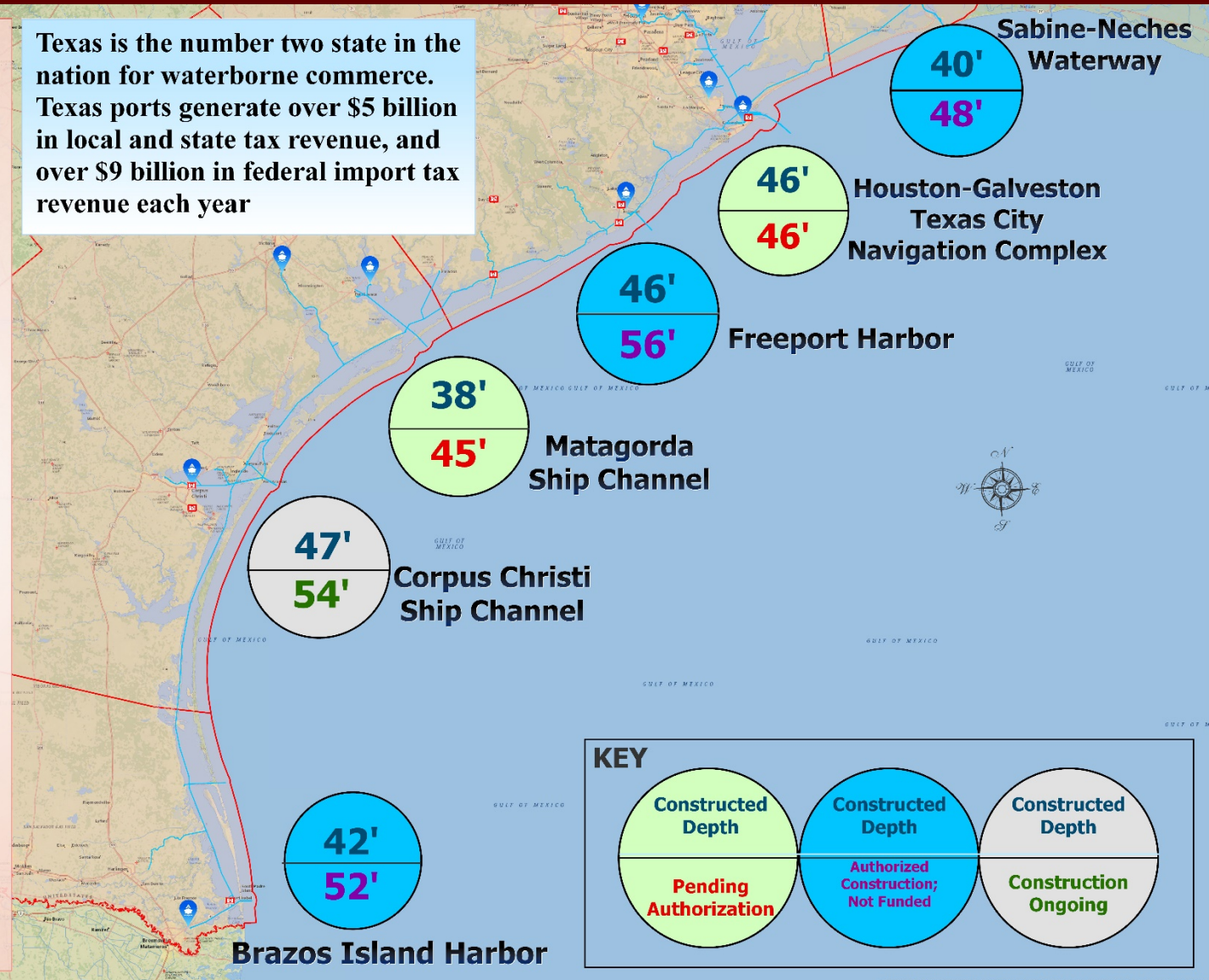
Brownsville #66 – 7.3 m.tons
#1 Ship Recycling Port

Victoria #74 – 5.1 m.tons
#2 Shallow-Draft Port for Domestic
Crude Petroleum

Calhoun County Port #76 - 4.9 m.tons
(Matagorda Ship Channel)

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Texas is the number two state in the nation for waterborne commerce. Texas ports generate over \$5 billion in local and state tax revenue, and over \$9 billion in federal import tax revenue each year





NAVIGATION O&M FUNDING

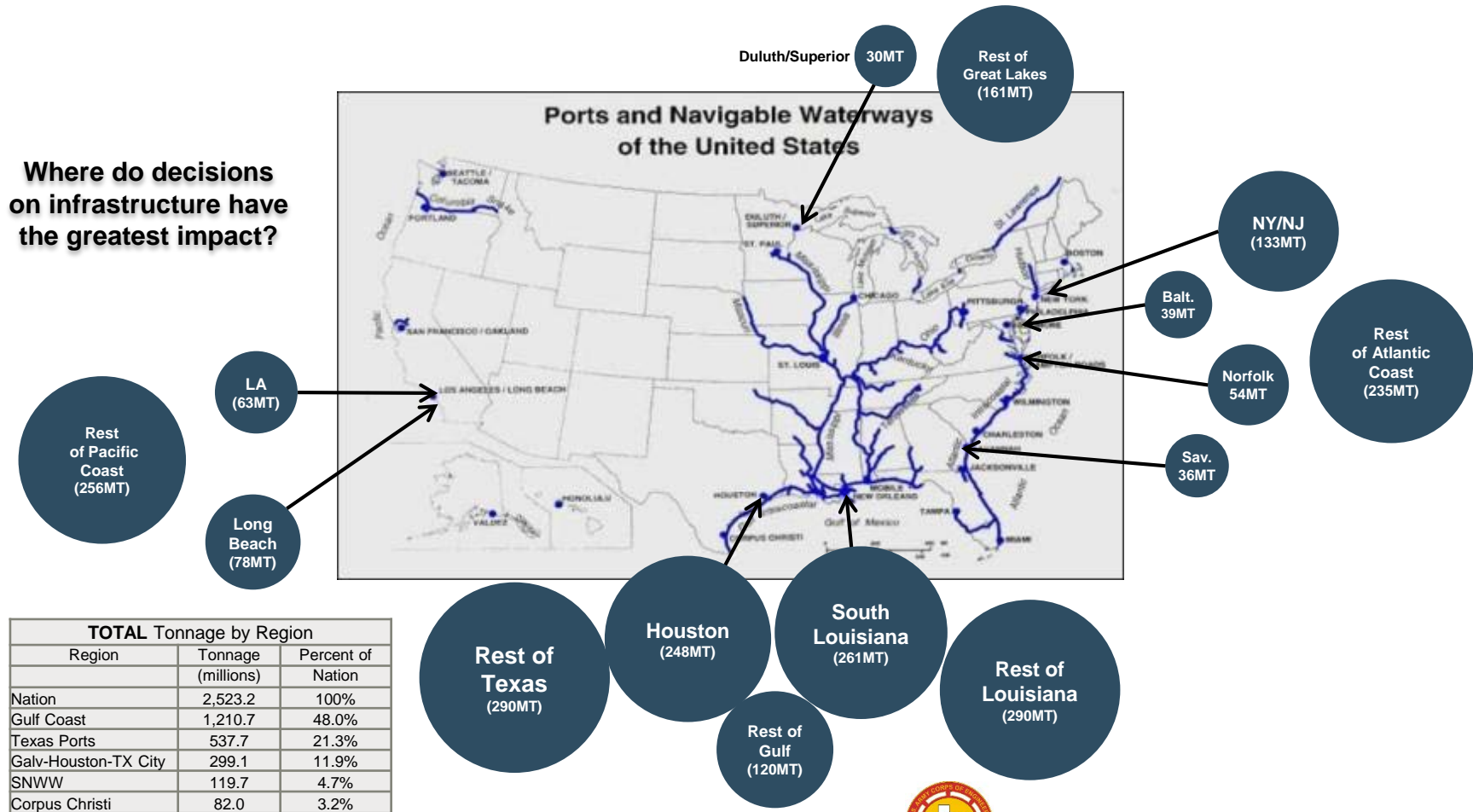
FISCAL YEAR 2018 & 2019

FY18 Regular Funding	\$159,480,000
FY17 Supplemental	\$ 23,712,000
Supplemental BBA	\$ 66,762,000
Emergency 1%	<u>\$ 15,789,000</u>
Total Available in FY18	\$265,743,000
Total Obligated in FY18	\$233,412,000

FY19 Regular Funding	\$182,162,000
Supplemental BBA	<u>\$ 93,063,000</u>
Total Available in FY19	\$275,225,000

RELATIVE DEEP DRAFT TONNAGE

Where do decisions on infrastructure have the greatest impact?





FY-19 INITIATIVES

➤ Continue Hydrographic Survey Webpage

- All six (6) Deep Draft Navigation Complexes & Gulf Intracoastal Waterway online
- <http://www.swg.usace.army.mil/Missions/Navigation.aspx>

➤ Texas Coastal Ocean Observation Network (TCOON)

- Matagorda Ship Channel current meter installed in FY18
- <https://tidesandcurrents.noaa.gov/map/index.shtml?region=Texas>

➤ Beneficial-Use Opportunities

- Galveston Beach (GLO, City, Park Board Cost-share)
- South Padre Beach (GLO, City Cost-share)
- Rollover Beach (GLO Cost-share)
- West Galveston Bay Barrier Is. (Section 1122, [Potential])
- Various marsh creation projects along:
 - ✓ Gulf Intracoastal Waterway (Federal Standard)
 - ✓ Texas City Ship Channel (Federal Standard)
 - ✓ Houston Ship Channel (Federal Standard)