### History and Mission
- First engineer district in Texas, established 1880
- 50,000 square mile district boundary, ~100+ miles inland
- 28 ports handling 569+ M tons of commerce annually (FY 18)
- 1,000+ miles of channels
  - 750 miles shallow draft
  - 270 miles of deep draft
- 367 miles of Gulf coastline
- 30-40 M cubic yards/yr material dredged
- 16 Congressional districts
- 48 Texas counties, 4 Louisiana parishes
- 18 Coastal counties - bays / estuaries
- 9 Coastal basins

### LEADER of Geospatial Innovation
- The Army Corps of Engineers is known for its GIS expertise and is the lead for creating a platform to create and share Geospatial data.
- SWG advanced workflows and techniques gives us insight and a level of situational awareness into events. Response to a disaster combined with Geospatial Intelligence is proving to be highly effective in monitoring disasters as well as in relief efforts.
- Operations Dashboard using a geographic information system (GIS) for gathering, managing, and analyzing project data.
- Navigation Status
  - Port Status
  - AIS Tracking of Dredges and Survey Vessels
  - Existing Draft Restrictions (Non-Storm Related)

### Coastal Protection & Restoration
- Coastal Storm Risk Management
  - 2 large & 2 small sector gates
  - 15 vertical lift gates & 16 monoliths
  - 42 mi of Gulf-side dune/beach barrier
  - 18 mi of ring barrier
  - 4-ft high extension of the seawall
  - Gated closures at four locations
  - Non-structural measures on the mainland
  - 2 mi beach/dunes on South Padre
- Ecosystem Restoration (6,000+ ac)
  - 737 ac of breakwaters
  - 838 ac of bird islands
  - 1,985 ac of marshes
  - 44 ac of oyster reefs
  - 2,519 ac of dunes/beaches

### Studies & Construction Projects
- General Investigation Studies
  - Coastal Texas Protection & Restoration, TX
  - Buffalo Bayou Resiliency Study, TX
  - Houston Regional Watershed Assessment, TX
  - Brazos River Erosion Management Study, TX
- Construction
  - Brays Bayou, TX
  - Buffalo Bayou and Tributaries, TX (Phase 1)
  - Clear Creek, TX
  - Hunting Bayou, TX
  - Lower Colorado River Ph 1 (Wharton, TX)
  - Sabine Pass to Galveston Bay, TX
  - White Oak Bayou, TX

TOTAL STUDIES $15,804,000
TOTAL CONSTRUCTION $4,512,043,000
USACE Galveston District Corporate Strategy

Maximizing Capital
- Strategic Partnerships
- CW Transformation & Process Improvement
- Communication
- Transparency

Lines of Effort
- Hurricane Recovery (ESF 3, NAV Rest, BBA 18)
- Improve Navigation (Deepen/Widen/Safety/Capacity)
- Sustain Federal Projects (NAV/FRM/WQMgt/IIS, etc., CBP, EPA Superfund)
- Support Non-Fed Investment (Surge in Reg Permits, RE Outgrants, Partnerships)
- Reduce Flood Risks (CSRM, FRM, Eco Restoration, Levee Certification)

Future
- Texas Coast is:
  - A resilient community with healthy ecosystem
  - Positioned for sustainable economic growth
  - Enabled by strategic partnerships that support Non-Federal investment

USACE Civil Works Project Delivery Process

Congressional Authorization
- Congressional Authorization “New Start”
- e.g. Water Resources Development Act (WRDA)

Study* Design Build Maintain

Congressional Appropriations

Local or State Cost Sharing Sponsor

USACE receives funding on an annual budget cycle (OCT-SEP)

* Study Phase includes integrated alternatives analysis and National Environmental Policy Act (NEPA) compliance to determine plan with best value to the nation having environmentally sustainable solution.
ENHANCING STRATEGIC PARTNERSHIPS

• Texas coast shared visioning for alignment of agency values toward mutually desired outcomes
  - Vibrant regional and national economy
  - Resilient and sustainable communities
  - Healthy, diverse, and functional ecosystems

• Driving progress through regularly-engaged partnering board
  - Multi-agency participation (Local, State, Federal)
  - Shared vision steering
  - Identifying / resolving barriers to progress

• Team building, collaboration, and unified communications
  - Articulating challenges and successes
  - Building stakeholder awareness and support for action
  - Supporting elected officials with information they need
GALVESTON DISTRICT
VALUE PROPOSITION FOR PARTNERING AND COLLABORATION

- **Shared Visioning and Partnering** for a vibrant national/regional economy, resilient coastal communities, and healthy ecosystem that support non-Federal investment

- **Engineering Solutions on America’s Energy Coast** for addressing infrastructure challenges across navigation, flood risk management, and ecosystem restoration business lines

- Addressing authority, policy, resourcing, and business process challenges for **Strengthening the Foundation**

- Leveraging new authorities for studies and projects to derive Value to the Nation in **Delivering the Program**

- Competing strong for sustainable budgets to **Achieve the Vision** of Integrated Water Resources Management

Continuously Growing Collaboration Network!