MANSON CULTURE

* WE TAKE CARE OF PEOPLE FIRST AND ALWAYS

* WE TAKE CARE OF OUR EQUIPMENT

* WE DO GOOD WORK

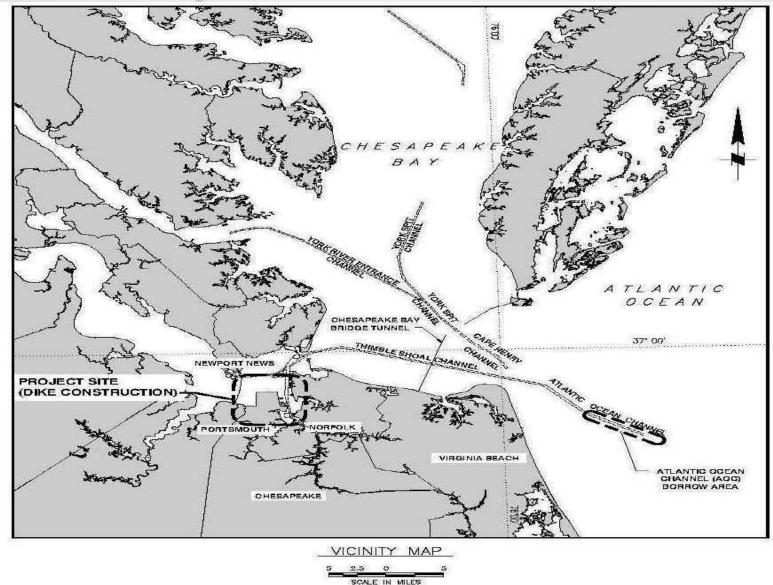
* WE STRIVE TO MEET BUDGET AND SCHEDULE REQUIREMENTS

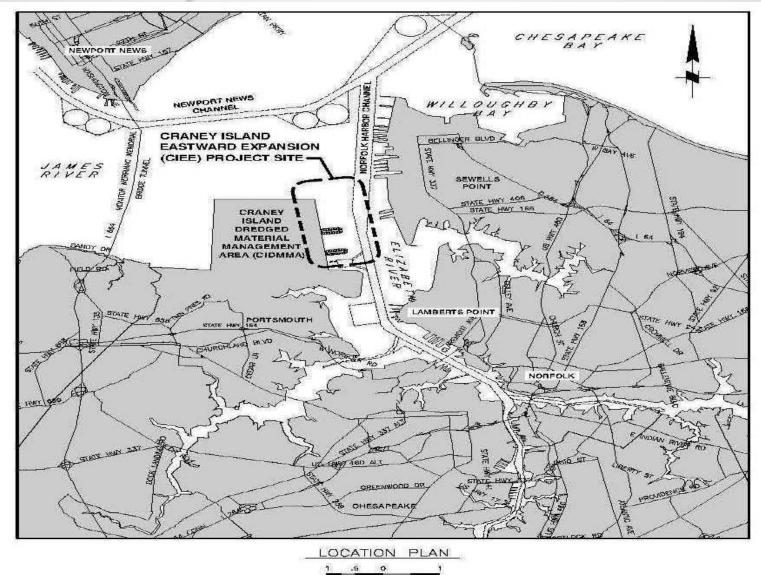
EDWARDS

CRANEY ISLAND DIKE FILL

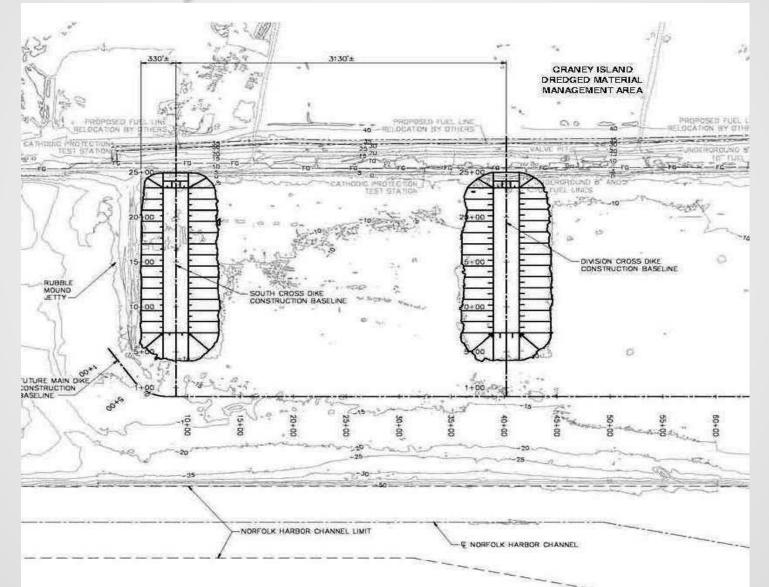
> Challenges and Lessons Learned

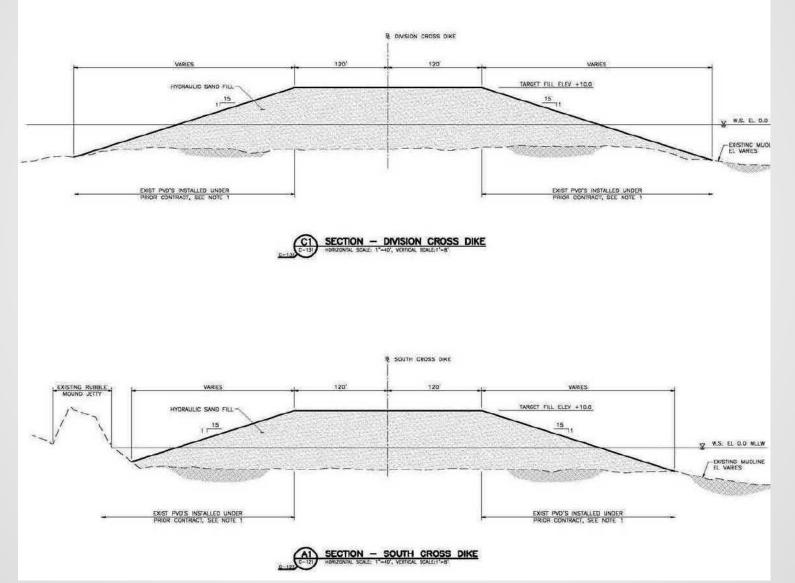
> Applications in Louisiana





SCALE IN MILES





CRITERIA

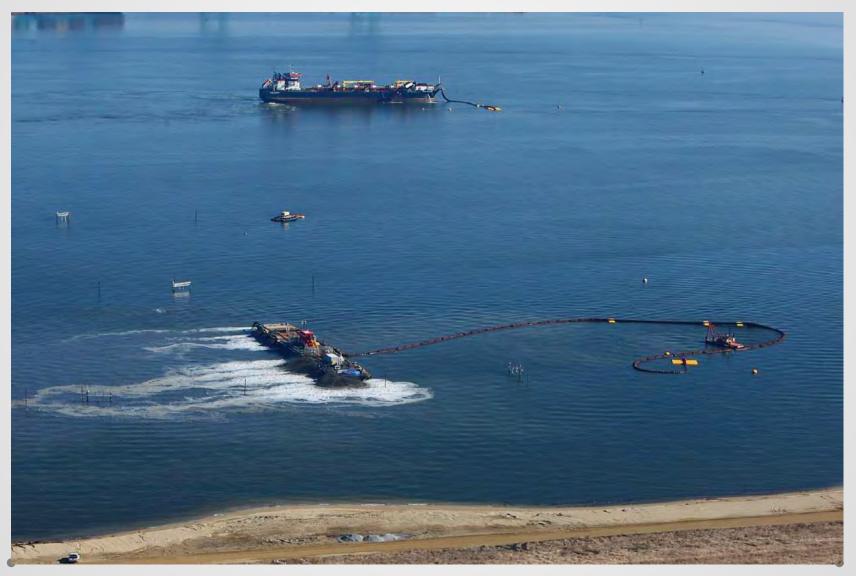
- Fill to be placed in 2' lifts
- Waiting Period Between Lifts
- ➤ Fill from -10' to + 10'
- Work only between December and March

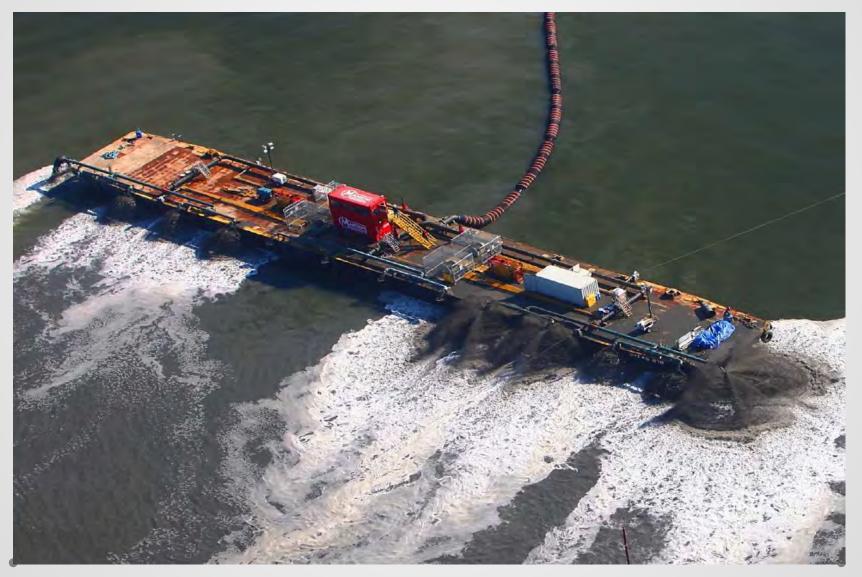
CHALLENGES

- Uneven Fill Bottom
- Very Soft Subsurface
- > Tidal Range
- Floatation
- > Transition from Wet to Dry









POST INITIAL FILL



EMERGENT FILL



EMERGENT FILL



EMERGENT FILL



POST EMERGENT FILL



DRY PLACEMENT



DRY PLACEMENT



FINAL PRODUCT



FINAL PRODUCT



THE <u>REAL</u> ACHIEVEMENT

SPIRIT OF SAFETY AWARD

The U.S. Army Corps of Engineers, Norfolk District proudly recognizes

Manson Construction Company

for Craney Island Eastward Expansion Stage 2A from December 01, 2012 thru April 30, 2013 having "0" Recordable Accidents In 28,861 Man-Hours over 151 days

Michael R. Darrow, P.E., PMP

Michael R. Darrow, P.E., PM. Chief, Water Resources Division

PLASHING

WATER RESOURCES

Paul B. Olsen, P.E. COL, EN Commanding

LOUISIANA APPLICATIONS

- Port Expansion (Millennium Port)
- Barrier Island Restoration
- > Wetlands Restoration
- > Beneficial Uses from Miss. River
- > Oil Spill Berms

CAUTIONS

- Consider Safety on Project First
- > Watch Tolerances
- Review Constructability
- > Be Flexible
- For the Good of the Project, Partner with the Contractor!



