#### MANSON CULTURE

\* WE TAKE CARE OF PEOPLE FIRST AND ALWAYS

\* WE TAKE CARE OF OUR EQUIPMENT

\* WE DO GOOD WORK

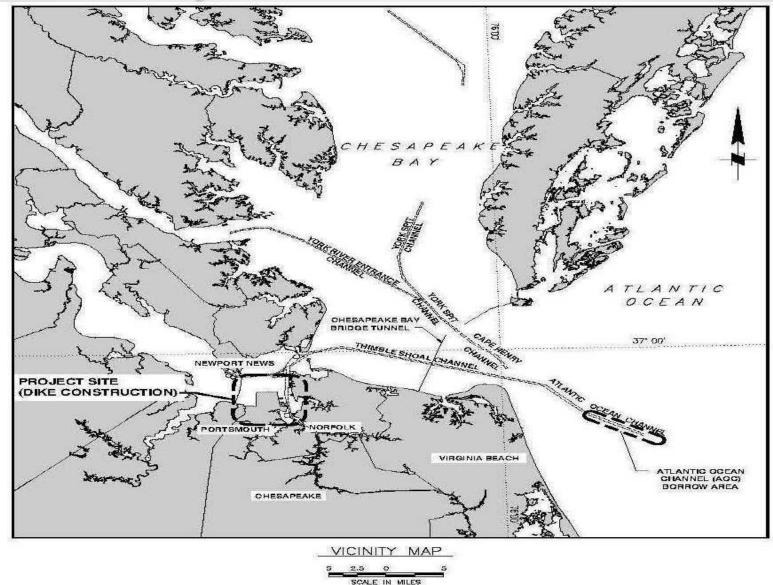
\* WE STRIVE TO MEET BUDGET AND SCHEDULE REQUIREMENTS

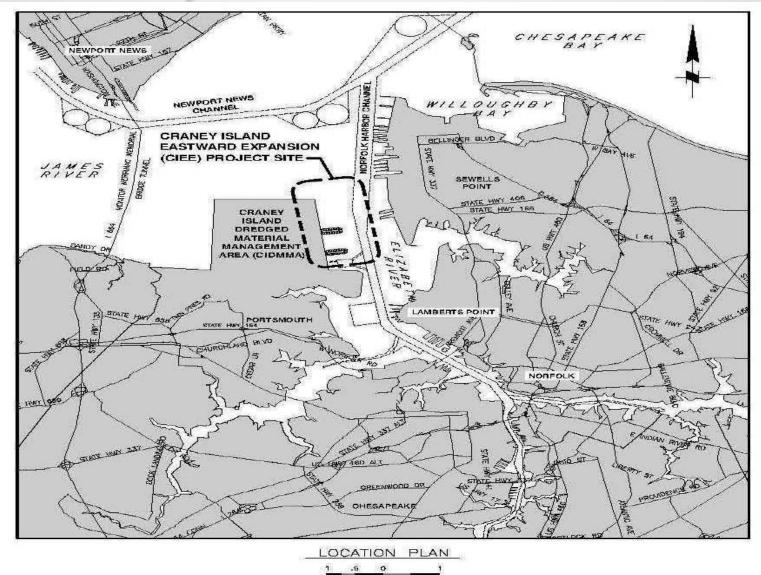
EDWARDS

#### **CRANEY ISLAND DIKE FILL**

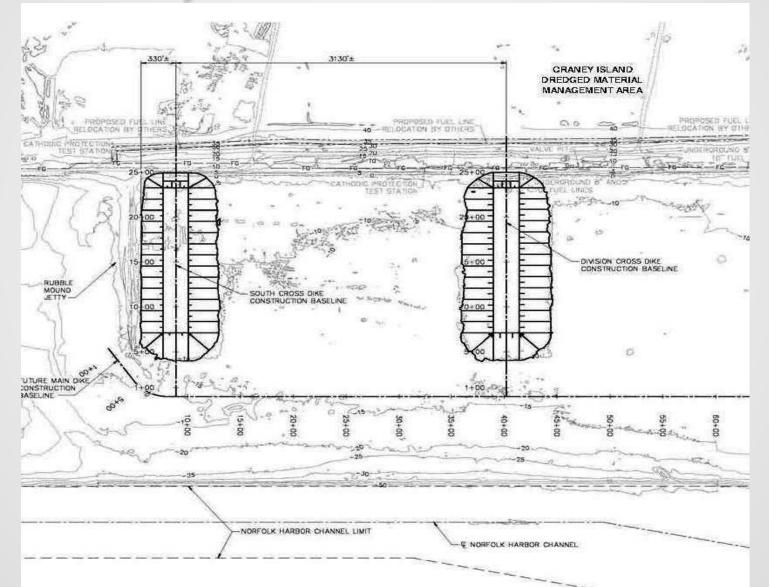
#### > Challenges and Lessons Learned

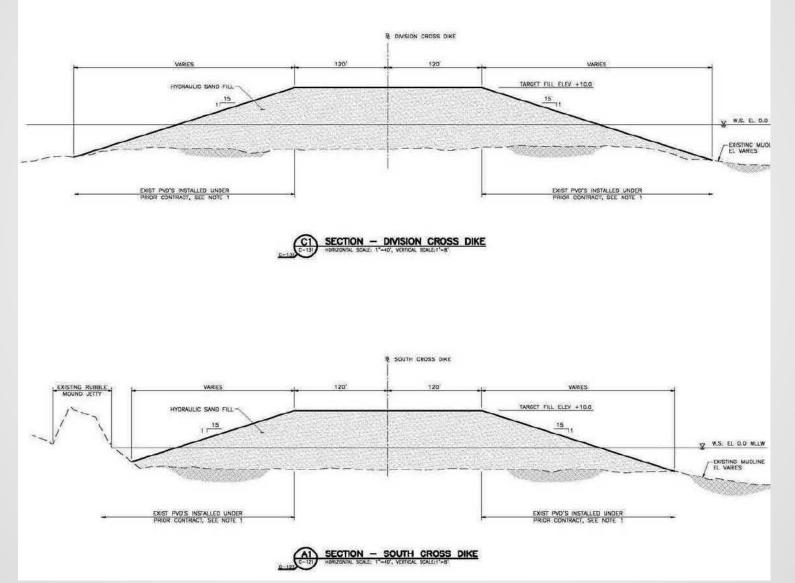
#### > Applications in Louisiana





SCALE IN MILES





## CRITERIA

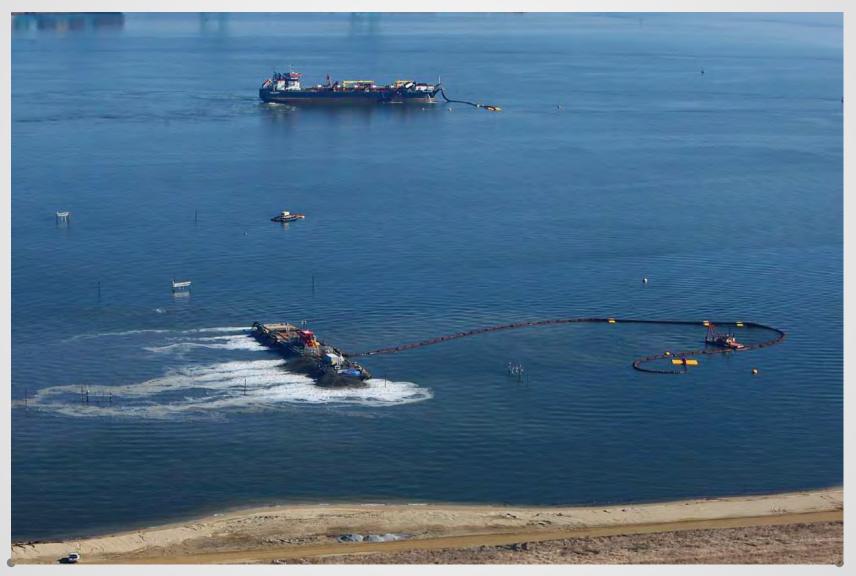
- Fill to be placed in 2' lifts
- Waiting Period Between Lifts
- ➤ Fill from -10' to + 10'
- Work only between December and March

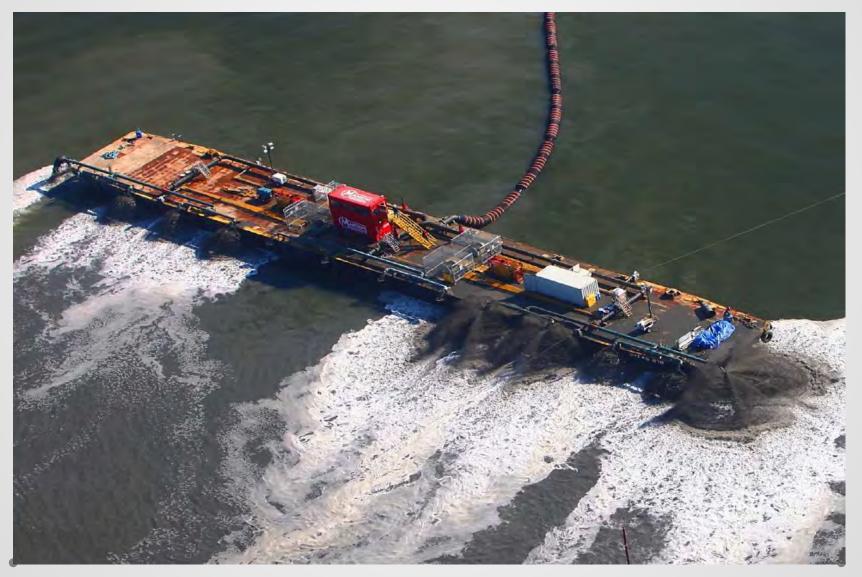
## CHALLENGES

- 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!



