# GIWW – Northern Reach

US Army Corps of Engineers
Galveston District

**Ben Boren**

Operations Manager

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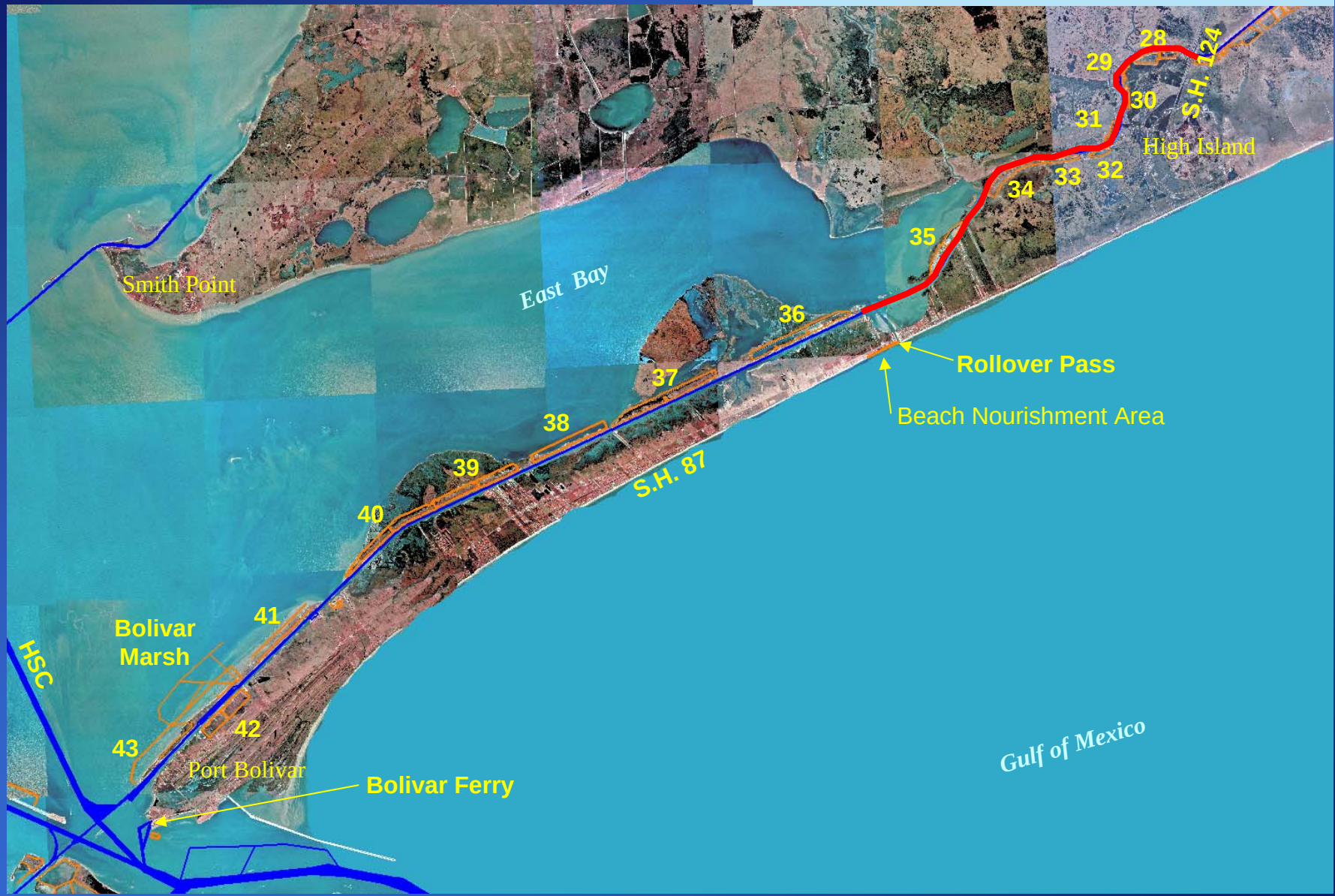
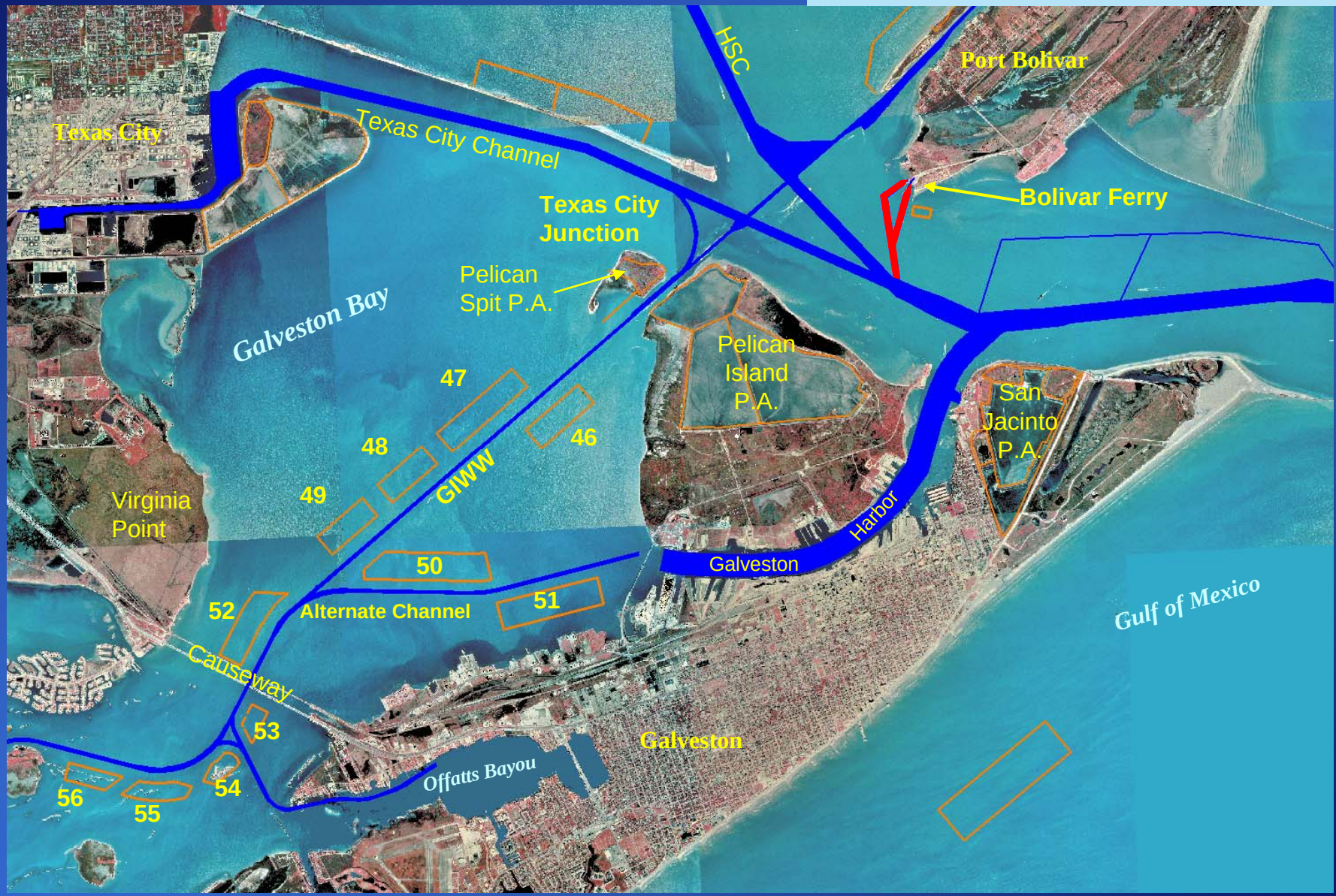
Gulf Intracoastal Waterway (GIWW)
--Sabine River to Matagorda Bay
Channel to Port Bolivar
Offatts Bayou
San Bernard River

Gulf of Mexico

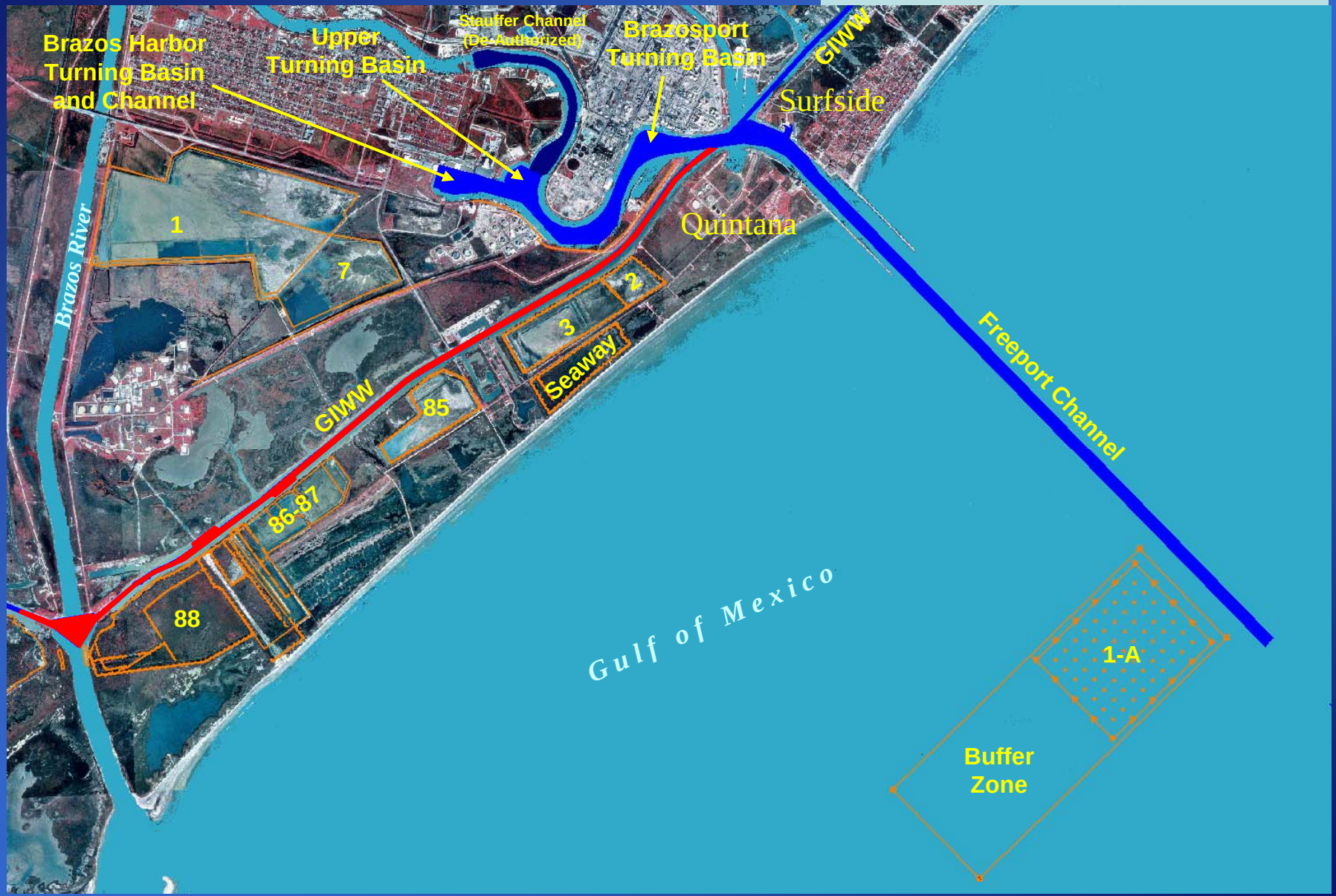
# FY 2008
# Gulf Intracoastal Waterway
## High Island to Rollover Pass



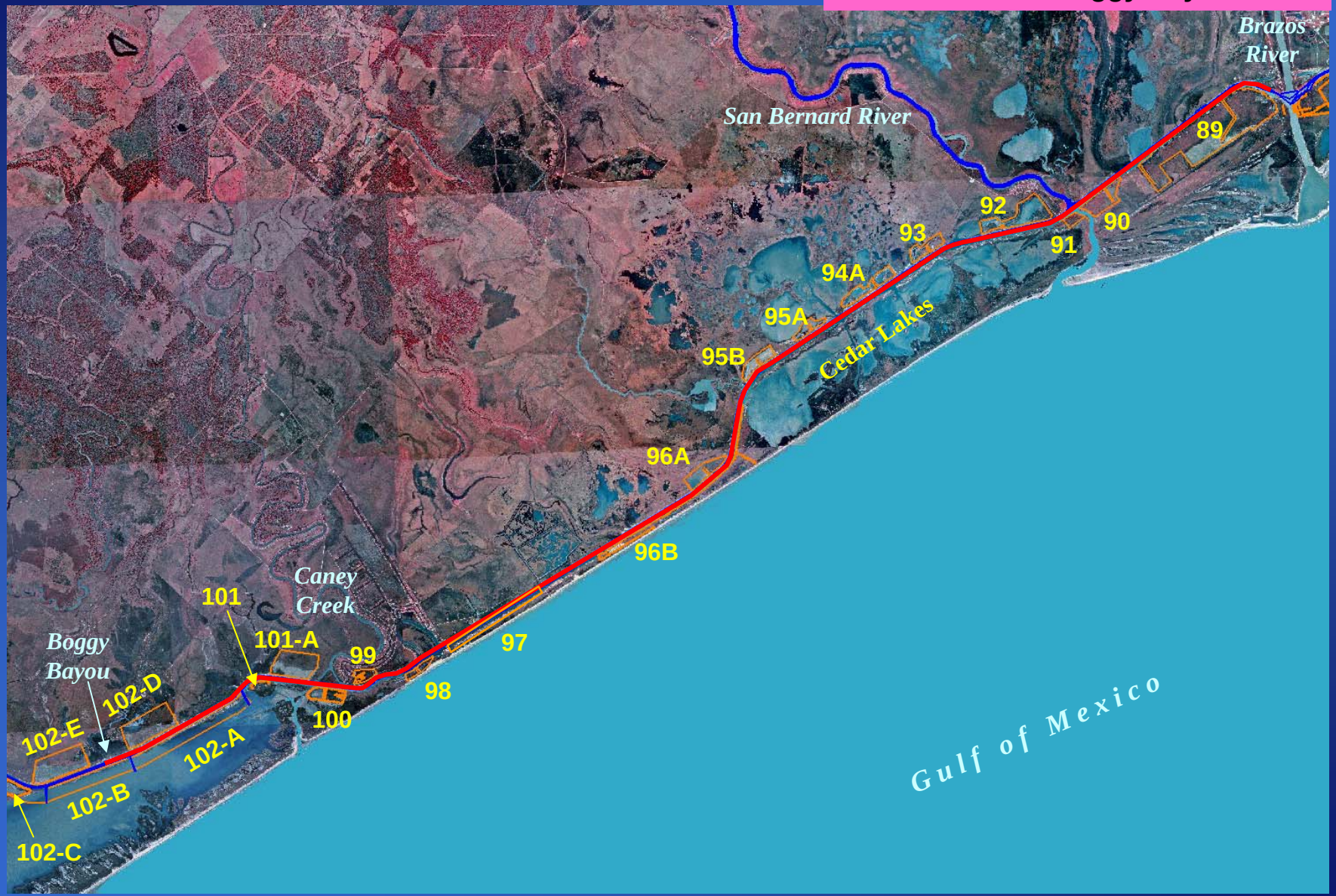
# FY 2008
# Gulf Intracoastal Waterway
## Port Bolivar/Ferry Landing – S.H. 87



# FY 2008
# Gulf Intracoastal Waterway
## Freeport Harbor to Brazos River



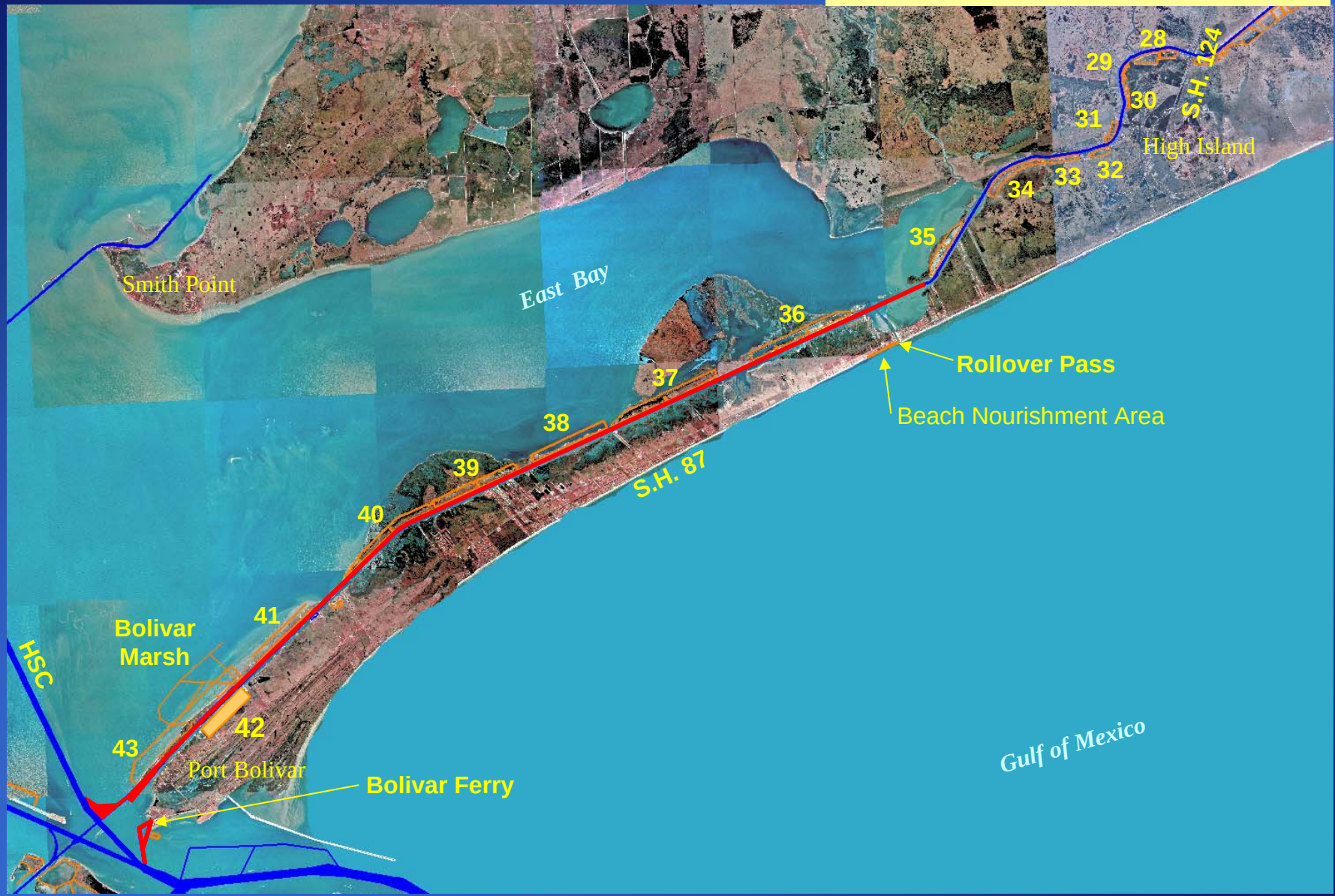
# FY 2008/2009
# Gulf Intracoastal Waterway
## Brazos River to Boggy Bayou



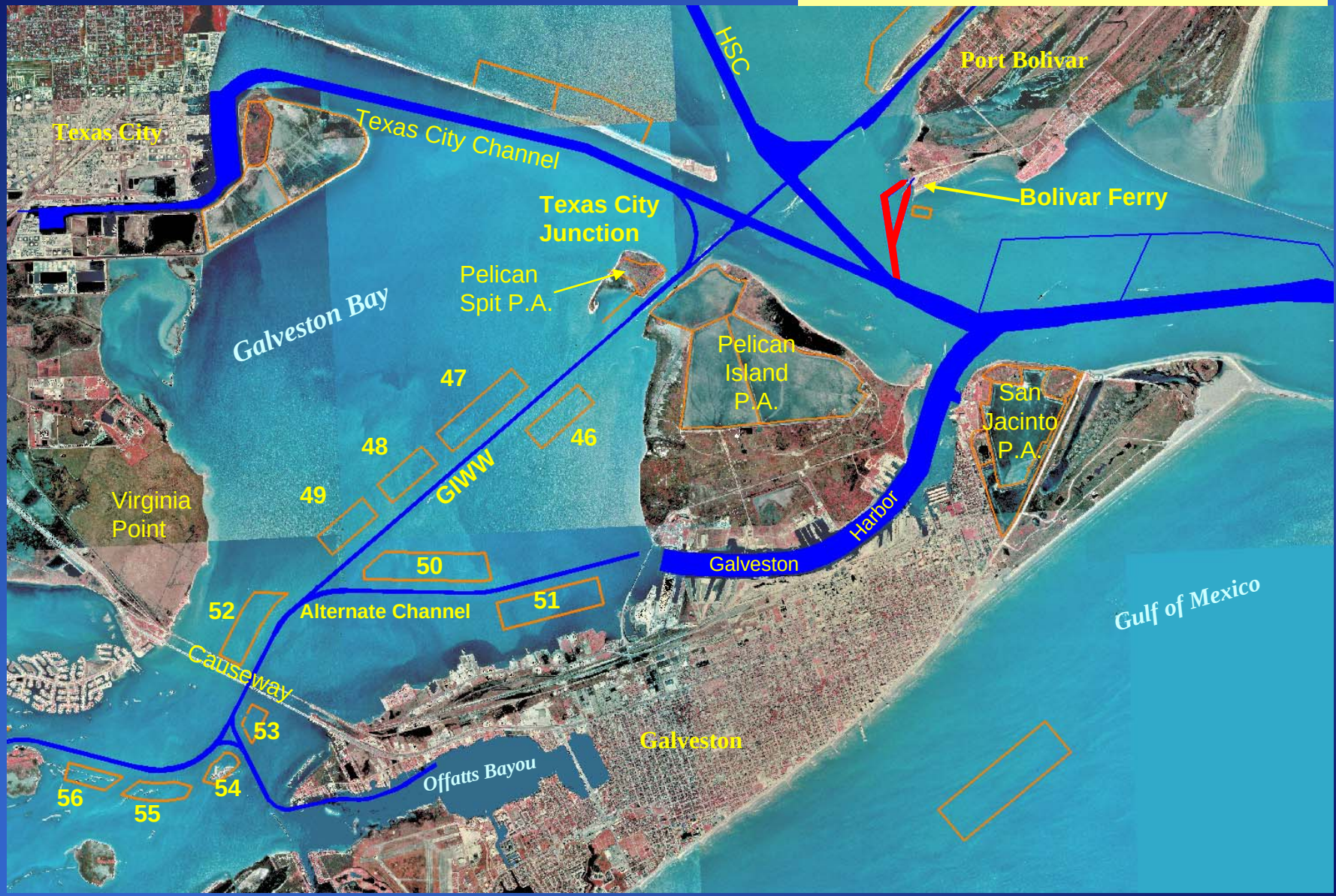
# FY 2009

# `-Projects-´

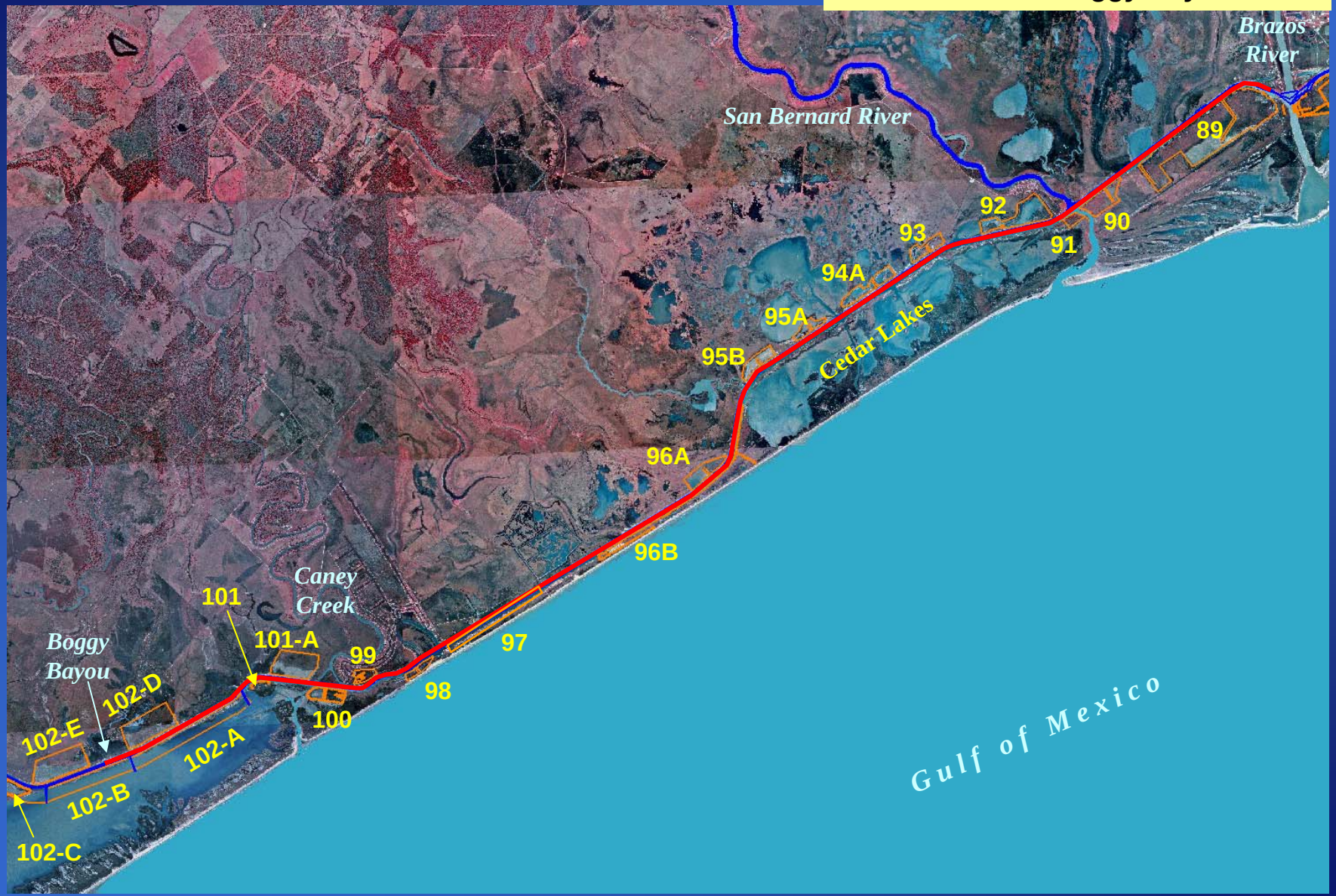
# FY 2009
# Gulf Intracoastal Waterway
## Rollover Pass to Port Bolivar



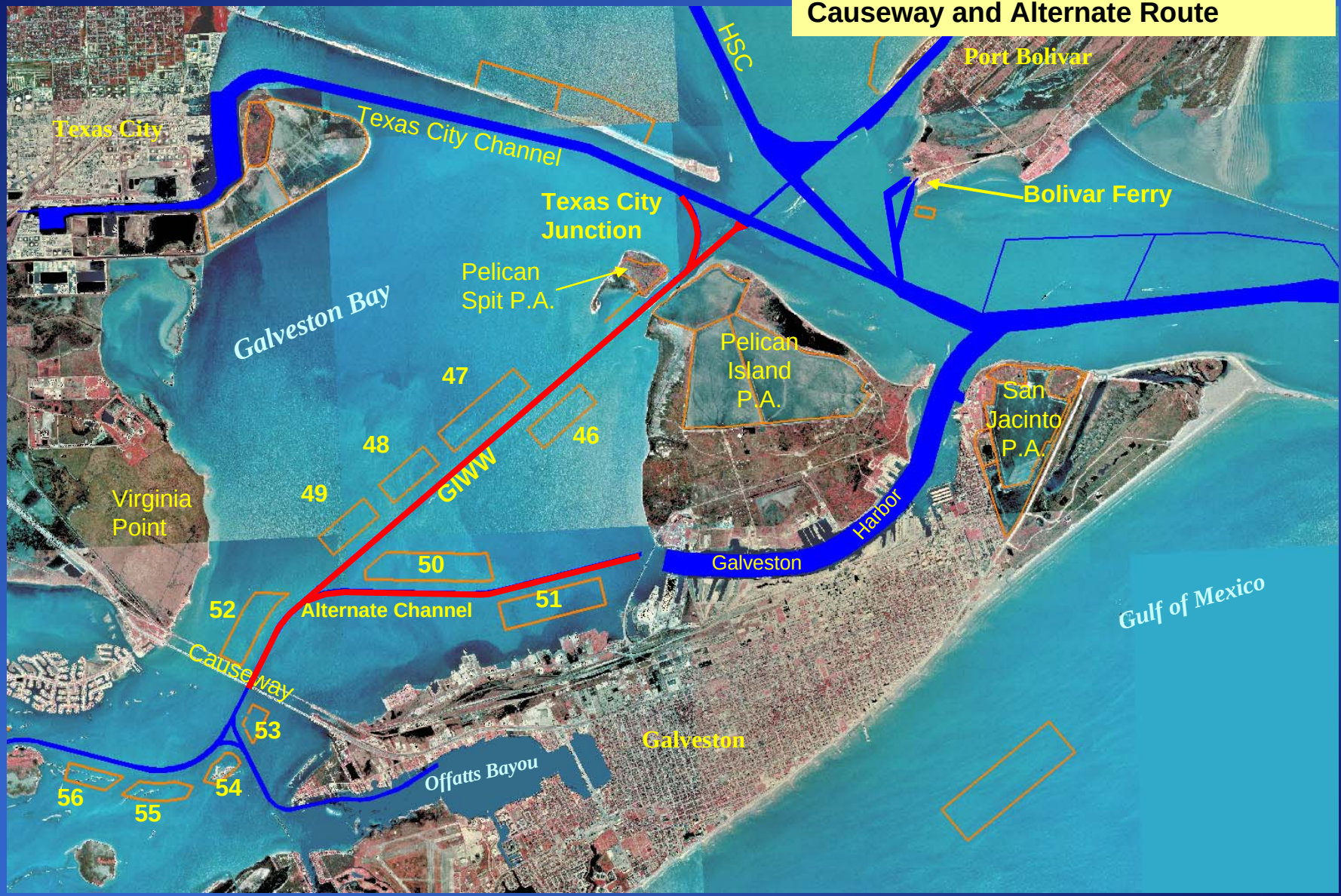
# FY 2009
# Gulf Intracoastal Waterway
## Port Bolivar/Ferry Landing – S.H. 87



# FY 2009
# Gulf Intracoastal Waterway
## Brazos River to Boggy Bayou

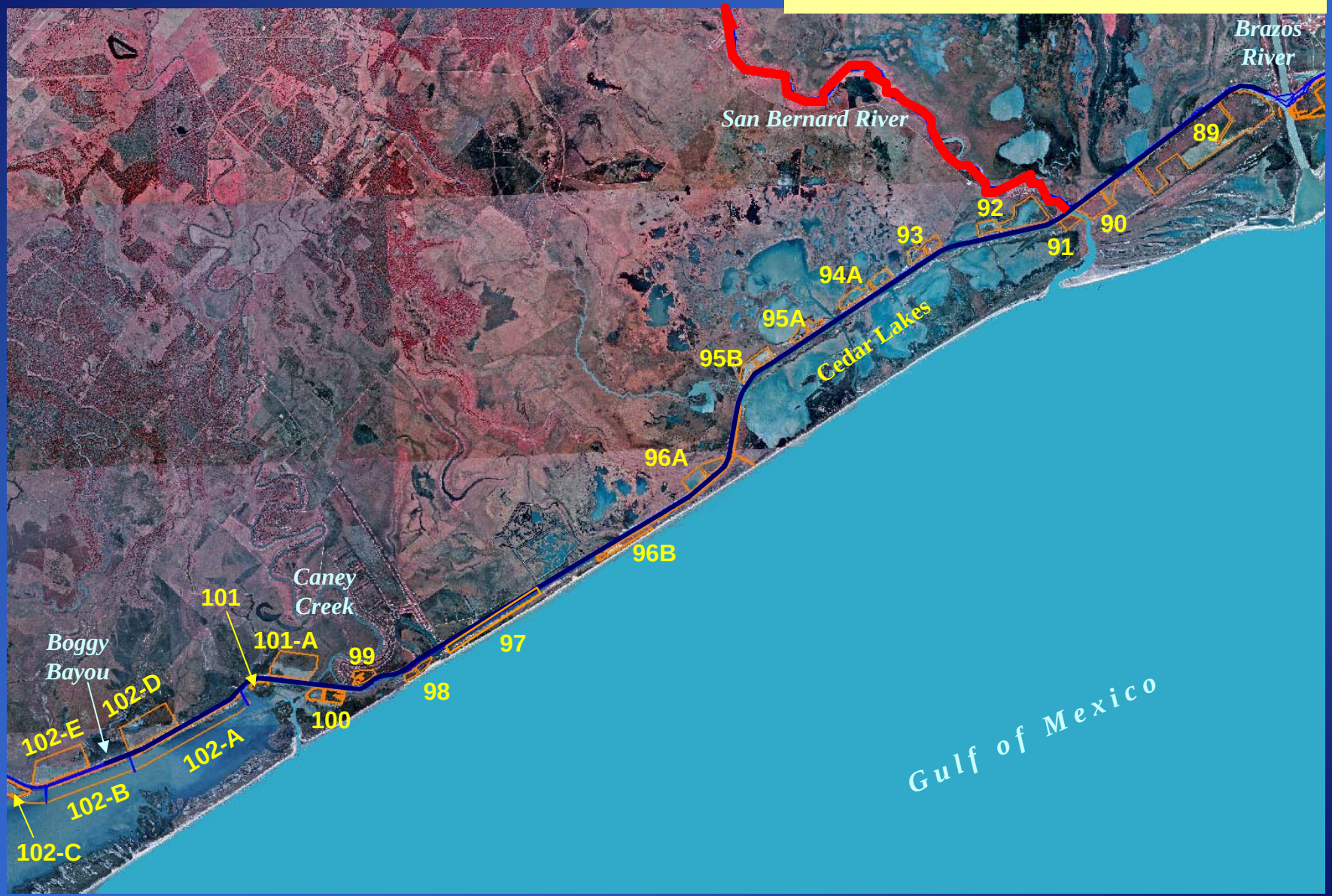


# FY 2009
# Gulf Intracoastal Waterway
## Texas City Junction to Galveston Causeway and Alternate Route

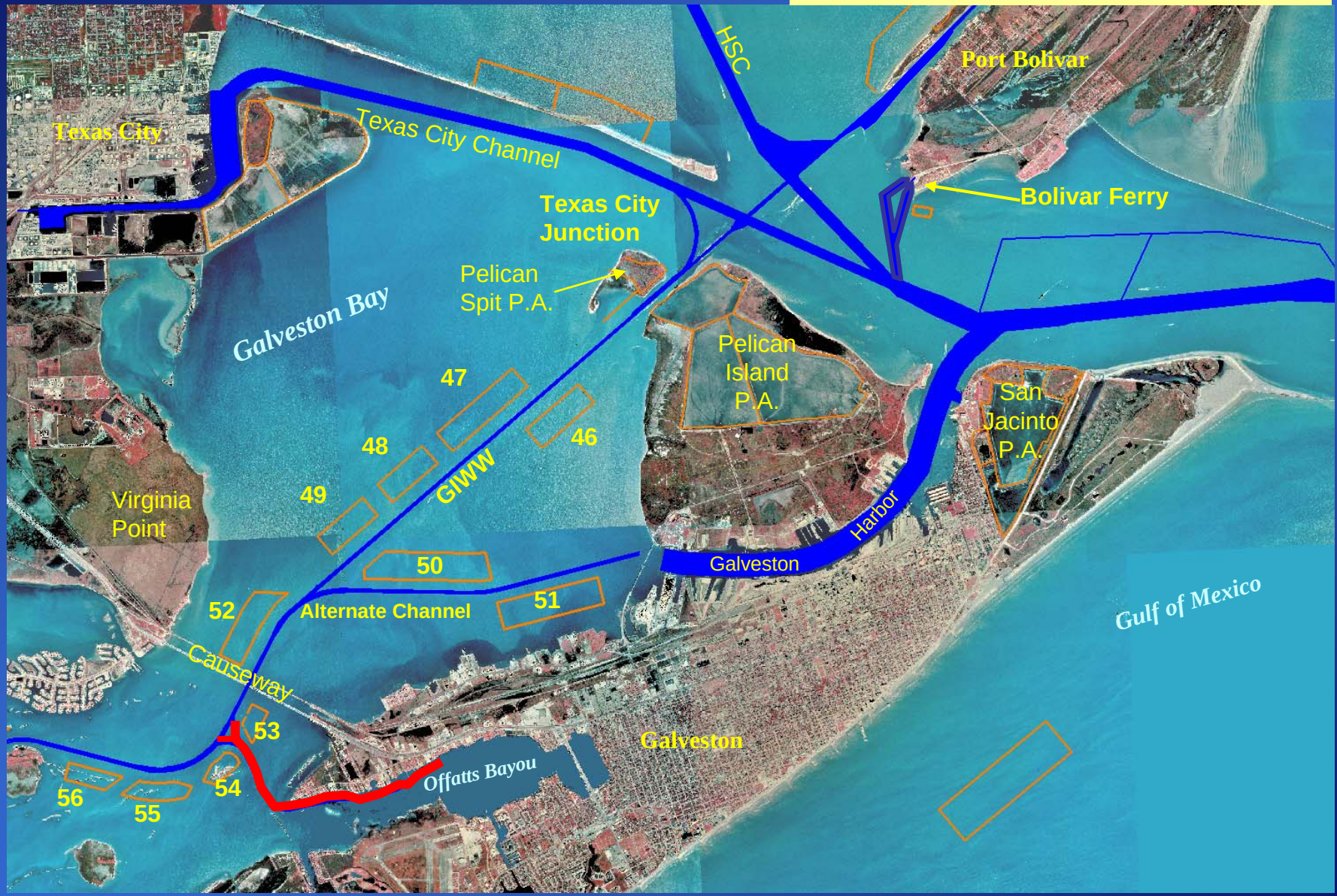


# FY 2009
# Gulf Intracoastal Waterway
## Colorado River to Matagorda Bay

# FY 2009
# Gulf Intracoastal Waterway
## San Bernard River



# FY 2009
# Gulf Intracoastal Waterway
## Offatts Bayou



# FY 2009
# Gulf Intracoastal Waterway
## Disposal Area Maintenance Practices

# FY 2009
# Gulf Intracoastal Waterway
## Erosion Protection

**FY 2009**
**Gulf Intracoastal Waterway**
**Erosion Protection**

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