

Original Design Template with Additional Advanced Fill (Recommended Alternative) - Opinion of Probable Costs						
Item	Description	Quantity		Unit Cost		Cost
1	Mobilization/Demobilization	1	LS	\$2,000,000	LS	\$2,000,000
2	Furnish and Install Sand	1,256,978	cy	\$6.10	/cy	\$7,662,538
	10% Contingency	1	LS	\$766,254	LS	\$766,254
3	Permit Compliance including Turbidity Monitoring	1	LS	\$45,600	LS	\$45,600
4	Beach Tilling of Placed Material	132	acres	\$440	/acre	\$58,080
5	Furnish and Install Native Plants	112,000	plants	\$0.80	/plant	\$90,048
Total Cost =						\$10,622,520

Notes:

* Volume Calc based upon 2012 survey data

* cost estimate for mob/demob item (only) assumed based on recent estimates for other dredge projects, not inflation

* cost estimate for all items taken from *average* of all bids (not low-bid) in bid tabulation provided in 2005.

* acreage of required beach tilling assumed to be the same as the previous OPC

* inflation rate from 2005 to 2013 is 20%:

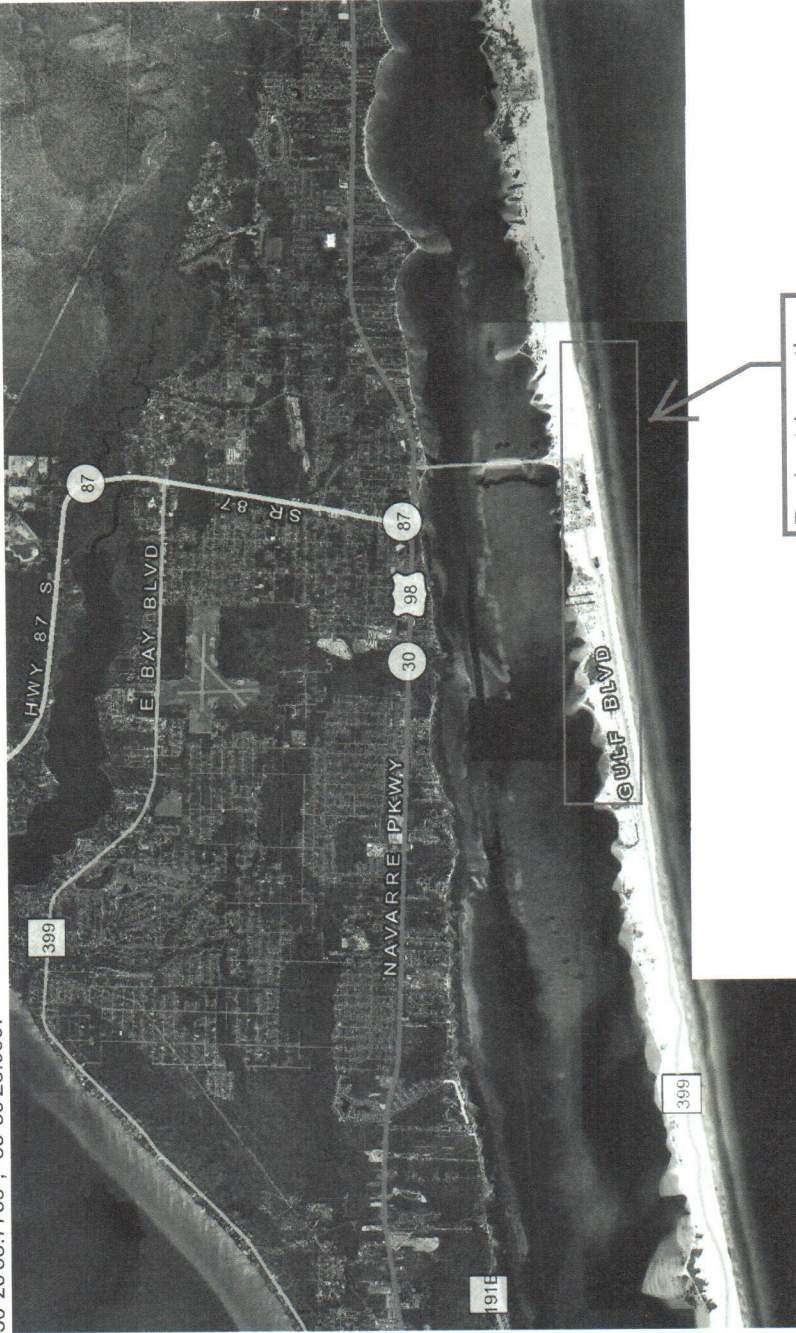
http://www.inflationdata.com/inflation/Inflation_Calculators/Inflation_Rate_Calculator.asp#calcrests



Map Direct: Division of State Lands Land Records (BTLDS) Embedded Map

30°26'58.7769", -86°59'23.0007"

30°27'12.8299", -86°47'50.3980"



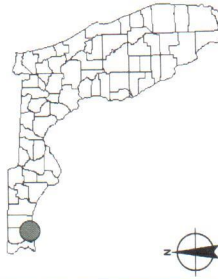
Project Location



30°19'17.7581", -86°59'10.0850"

NAVTEQ

30°19'31.7931", -86°47'38.3129"



Scale 1:99,504

Aerial Imagery 2004-2009

Florida Department of Environmental Protection Disclaimer: This map created in Map Direct on Wed Jul 24 2013 21:21:45 UTC is for informational purposes only. It was created using data from different sources collected at different scales, with different levels of accuracy, and/or covering different periods of time. NAVTEQ road data is provided "AS IS" and without warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, satisfactory quality and non-infringement. YOU SHOULD THEREFORE VERIFY ANY INFORMATION OBTAINED FROM THE SITE BEFORE ACTING ON IT.

Deepwater Horizon Oil in Florida Waters

County	% State Waters Oiled
Escambia	98%
Santa Rosa	93%
Okaloosa	93%
Walton	80%
Bay	18%

• Composite Image of Satellite Derived Surface Oil In Florida Waters April - July 2010

• Approximately 134 miles of beach oiled

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