

# LAROSE TO GOLDEN MEADOW

PROJECT ID: 111 / IMPLEMENTATION PERIOD 2



## Project Location

Lafourche Parish

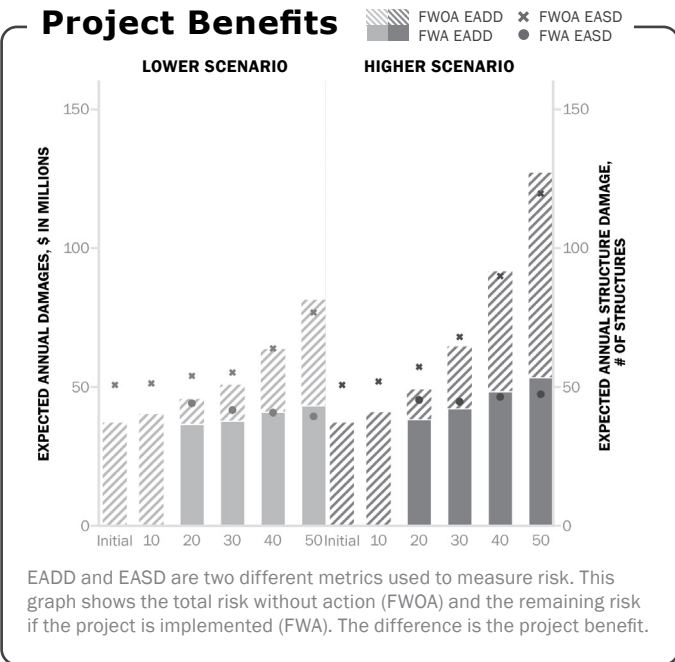
## Description

Improvements to a levee to an elevation between 12 and 21 feet NAVD88 within the Larose to Golden Meadow levee system. Project features approximately 250,000 feet of earthen levee and approximately 7,100 feet of T-wall.

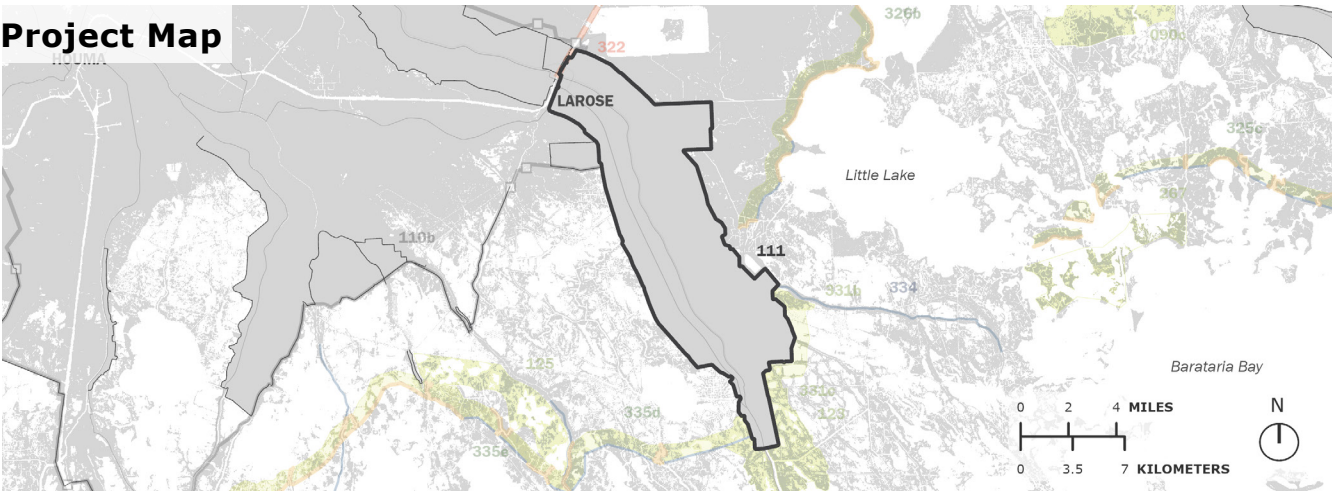
## Estimated Cost and Duration

	Planning, Engineering & Design	Construction	Operations, Maintenance & Monitoring	Total
<b>Cost</b>	\$32M - \$38M	\$420M - \$500M	\$3.3M - \$4.1M	<b>\$450M - \$540M</b>
<b>Duration</b>	3	4	23	---

## Project Benefits



## Project Map



# Explanation of Project Benefits

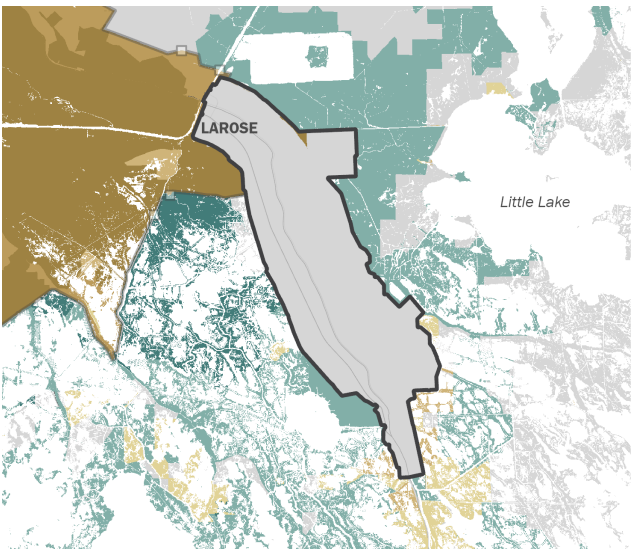
Expected Annual Damage in dollars (EADD) and Expected Annual Structure Damage (EASD) are two metrics by which the impact of modeled storms and master plan risk reduction projects can be evaluated. The graphs show the reduction in damage, both EADD and EASD, provided by the Larose to Golden Meadow structural risk reduction project at Year 20 for storms with varying Annual Exceedance Probability (AEP) as compared to damage without the project implemented. One goal of the master plan is to reduce storm surge-based flood risk, which varies based on location and over time. In order to select projects that reduce that risk, the master plan uses EADD and EASD as metrics that can be used in the evaluation of project performance.

31K

Estimated Current Population

36%

Percentage of Population who are Low-to-Moderate Income



Flood Depth Reduction with the master plan at Year 50



## Flood Risk In Project Area

Storm surge-based flooding is and will continue to be a risk for coastal Louisiana communities. The table below shows EADD and EASD for the project area now, and at years 20 and 50, both with and without the Larose to Golden Meadow project implemented. Damage avoided because of the project is also provided.

	Initial Conditions	FWOA (YR20/50)	FWA (YR20/50)	Losses Avoided (YR20/50)
<b>Lower Scenario</b>				
EADD (\$)	\$37M	\$46M/\$81M	\$37M/\$43M	\$9.1M/\$38M
EASD (#Structures)	51	54/77	44/39	10/37
<b>Higher Scenario</b>				
EADD (\$)	\$37M	\$49M/\$130M	\$38M/\$53M	\$11M/\$74M
EASD (#Structures)	51	57/120	45/47	12/72

## Assets and Exposure

Communities and individuals experience the impacts of storm surge in a variety of ways. While the master plan looks at damage in the project selection process, other considerations like impacts on residential structures,

public services, and other assets are also important to understand. The Larose to Golden Meadow project provides a barrier to storm surge that provides an increased level of protection for the assets shown below.

