

# ST. AUGUSTINE, FL BACK BAY COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY

## MONTHLY PLANNING MEETING

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Date:	November 16, 2023
Time:	1:00PM - 2:30PM
Meeting Location:	WebEx Virtual Meeting <a href="https://usace1.webex.com/meet/jason.s.harrah">https://usace1.webex.com/meet/jason.s.harrah</a>

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### IN ATTENDANCE: 33 ATTENDEES IN TOTAL

USACE: Jason Harrah, Marty Durkin, Amanda Bredesen, Darren Pecora, Lindsay Brantley, Katie Lebow, Katie Bailey, Vongmony Var, Zuzana Chovanec, Michelle Vieira, Glorimar Torres, Del Cabeche, David Ruderman, Jason Spinning, Joel Belsterling, Michael Hollingsworth, Sheila Arias-Roman, Sabrina Collins

City of St. Augustine: Jessica Beach, Caitlyn Sargent

Agencies and Public: Doug Dycus, Doug White, Jason Fuller, Kaylee Rose, Pete W, 9048\*\*\*\*56, Amy Skinner, Daniel FDOT, Gina, Juliana Ulloa, Kurt Foote, Roxane Dow, Todd Grant

### OPENING REMARKS

- Presentations and notes from past webinars available at:  
<https://www.saj.usace.army.mil/Missions/Civil-Works/Shore-Protection/St-Johns-County/City-of-St-Augustine-Florida-Back-Bay-Feasibility-Study/>
- Official study site:  
<https://experience.arcgis.com/experience/06bb9c98d9184bd9a374a244f6d27474/>
- Non-Federal Sponsor Pages: <https://www.citystaug.com/1046/Back-Bay-Feasibility-Study-with-the-Army>

### STUDY OVERVIEW

- Large study area – covers the full geographic limits of the city (shown within the red line on the Study Overview slide map)
  - 17 distinct neighborhoods (2 of which are environmental justice communities (i.e., socially, or demographically disadvantaged))

- Upcoming modeling effort will cover entire area within red geographic boundary
- Very comprehensive and complex study which has led us to a longer and more expensive study
- Objectives are based on a 50-year period of analysis
  - Manage risk of coastal flood damages
  - Manage risk to health and life safety
  - Preserve cultural and natural resources and maintain aesthetic quality
  - Manage flooding impacts to the local economy
- The non-federal sponsor is the City of St. Augustine
- Initial Alternatives
  - Walls, levees, or dune features would physically stop flooding at the back bay shoreline.
  - Surge barrier or gate feature would physically stop flooding before it gets into the back bay water bodies in the study area.
  - In BLUE: Interior drainage features would get flooding out of upland areas. Interior drainage features would be implemented in conjunction with wall, levee, or dune features to ensure that flood waters would not get trapped behind those structures.
  - Nonstructural features would get structure out of the way of flooding without physically altering the flooding processes or extent.
  - Breakwaters or Natural and Nature Based Features (NNBFs) would function to reduce wave energy and wave contribution to total water levels before it reaches the back bay shorelines. These features would likely be implemented in conjunction with a wall, levee, or dune feature. It should also be noted that levees or dune could be considered an NNBF themselves depending on their design.
- Study Model Reaches – used *only* for running models and analyzing model findings
  - Western San Sebastian
  - Downtown Peninsula
  - Davis Shores Peninsula

## KEY ONGOING ACTIVITIES

- Sabrina Collins will be lead landscape architect on the team and will be conducting a Visual Resources Assessment for the study
  - Will have more to share come January 2024
- H&H Compound modeling has been completed and engineering is working on putting together the inputs for G2CRM to then hand off to economics team
- Economics is working on building the model with engineering to be able to run current conditions through model analysis
- Environmental has met with the GTMNERR to find more data and use more data sources as we move through the study – an environmental subgroup meeting will be hosted in the new year
- Cultural is collating data and will be hosting subgroup meetings in the new year

## SCHEDULE REVIEW:

Key Schedule Activities: Look Ahead (Green – Complete, Yellow – Ongoing)

Key Activities	Finish Date
FCSA Executed	1/9/2023
AMM Milestone Meeting	5/1/2023
Initial Flood Driver Screening (Scope Decision Point)	5/17/2023
<b>End of FY23</b>	<b>9/30/2023</b>
G2CRM FWOP Production Runs	2/21/2024
Establish Initial Array of Alternatives	8/21/2024
<b>End of FY24</b>	<b>9/30/2024</b>
G2CRM FWP Initial Alternatives Production Runs & Post Processing	5/15/2025
Establish Final Array of Alternatives (Scope Decision Point)	6/4/2025
G2CRM FWP Final Alternatives Production Runs & Post Processing	9/22/2025
<b>End of FY25</b>	<b>9/30/2025</b>
Identify National Economic Development (NED) Plan	12/22/2025
Identify Comprehensive Benefits Plan/Locally Preferred Plan (LPP)	3/17/2026
Identify the TSP	5/18/2026
<b>End of FY26</b>	<b>9/30/2026</b>
Exceptions/Waivers Approved by Assistant Secretary to the Army (ASA)	11/20/2026
TSP Milestone Meeting	2/2/2027
Release Draft Report for Concurrent Reviews	4/2/2027
<b>End of FY27</b>	<b>9/30/2027</b>
ADM Meeting	11/3/2027
Final Report Submittal Package to HQ	5/22/2028
Chief's Report Signature	9/15/2028

## Upcoming Key Dates

Dates	Events
November 16 <sup>th</sup> , 2023	Monthly Planning Webinar
December 21 <sup>st</sup> , 2023	Monthly Planning Webinar
January 18 <sup>th</sup> , 2024	Monthly Planning Webinar
February 15 <sup>th</sup> , 2024	Monthly Planning Webinar
March 21 <sup>st</sup> , 2024	Monthly Planning Webinar
~April TBD, 2024	In-Person Workshop

\*April workshop likely will not take place in the Lightner Museum as the meetings have outgrown the space available in the museum

## **QUESTIONS/COMMENTS**

- City of St. Augustine: Steering committee meeting was hosted – still on schedule to finish up state vulnerability assessment in the spring