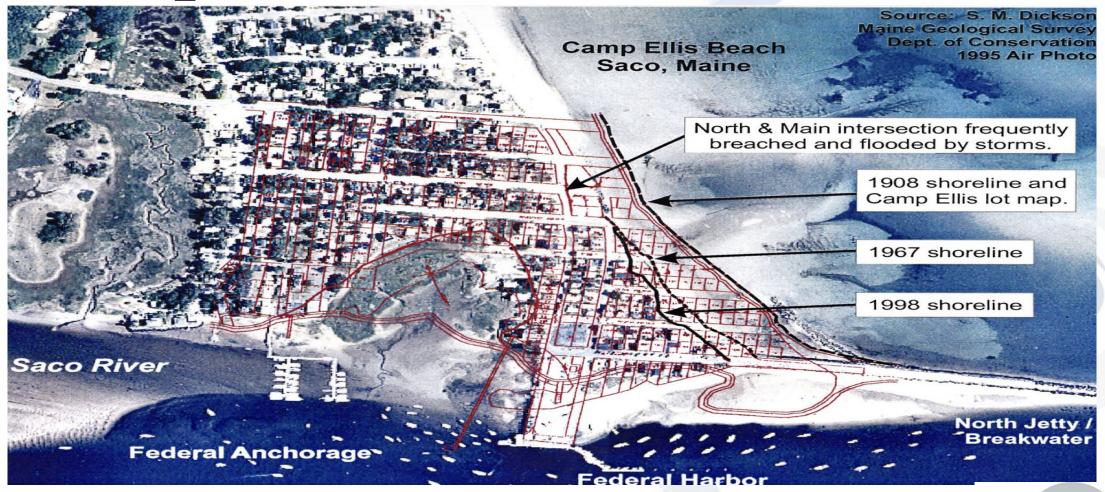
## CITYOF Saco Bay Erosion Mitigation Caused by the Camp Ellis Jetty October 15, 2019

## Saco Bay





## **Camp Ellis Erosion**



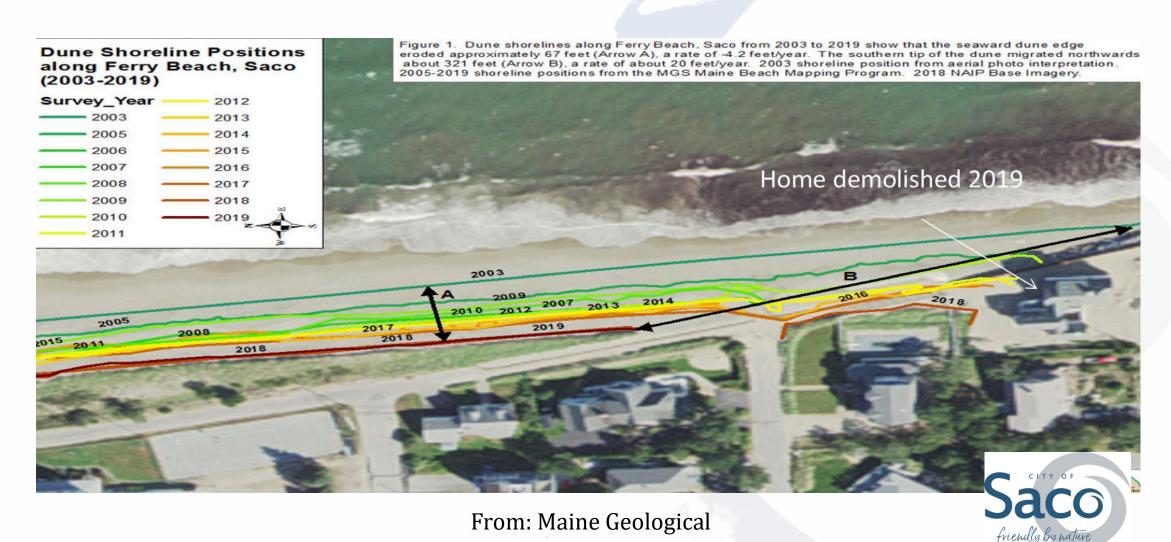


## Camp Ellis to Pine Point – Bay Issues

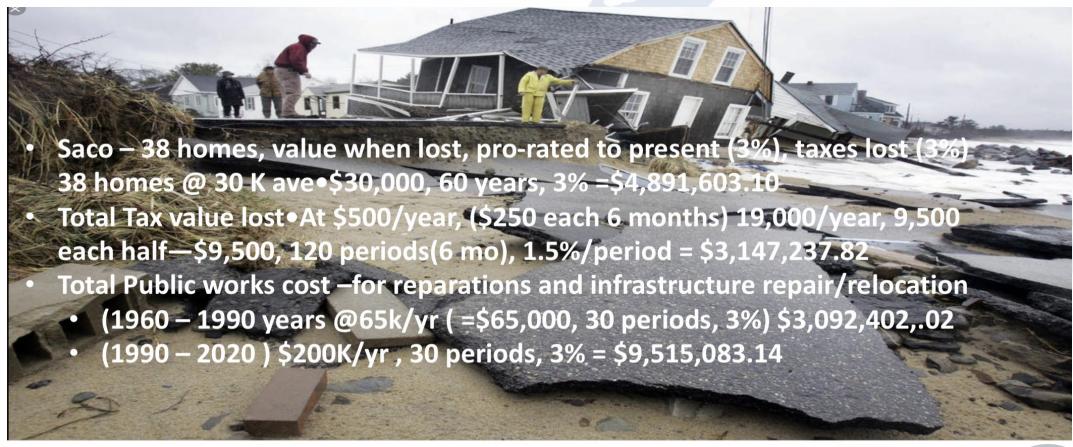




## 2003 to 2019 Erosion Ferry Beach



# Saco Total Financial Losses 1960 – 2020 \$20,646,326





Maine seaside village seeks solution to erosion - Deseret News

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## Property Value Lost/In Harms Way

Saco Bay Frontage Property Value :





## OOB / Scarborough Impacts

- 2006 to 2017 the neutral point of erosion moved 1 mile, Bay View to Kinney Shores
- At the current rate, erosion will hit the OOB pier in 2039, and the beaches south of the pier will be eroded
  - Significant loss of beach in Ocean Park, property and tourist revenue
  - Losses increase with distance south of the pier
  - OOB sewer line will be subjected to wave damage and require maintenance
  - Goosefare Brook will suffer repeated closures resulting in wildlife damage and reduction
  - Rachel Carson Reserve ecology will be severely impacted
  - Eroded sands will clog the Nonesuch River causing harbor deterioration, more frequent dredging and ecological changes to the largest salt marsh in Maine

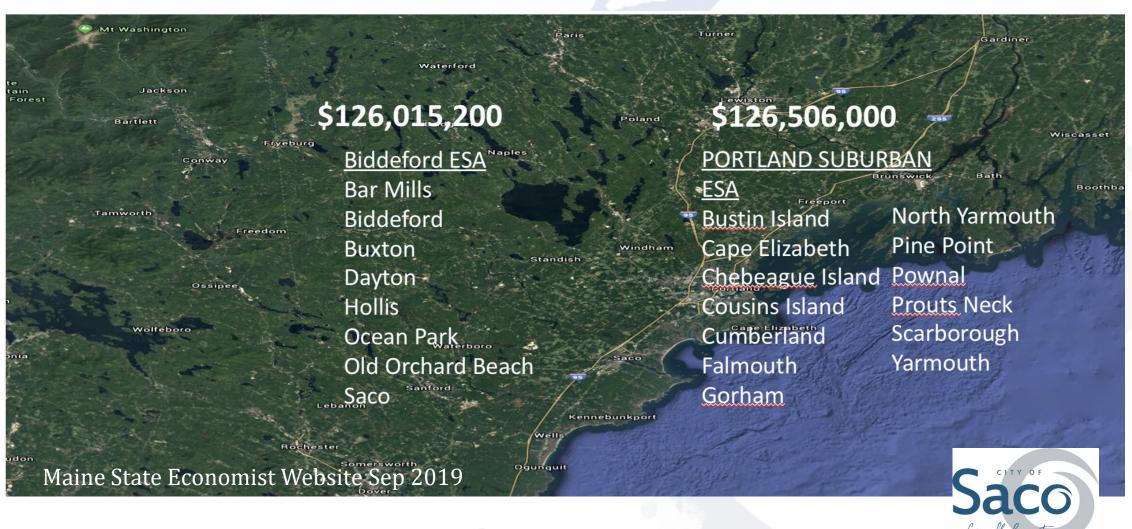


## Saco Bay Damages





## Tourist Revenue Economic Summary Areas Combined 2018 - \$252,521,200



# Three Approaches to Saco Bay Erosion Resolution

- City of Saco Plan
  - **Partnership Among:**
  - Saco Shoreline Commission – liaison to Saco Bay Communities and Grassroots organizations
  - Maine Senators
  - Maine Representatives
  - Maine Governor
  - Federal Senators
  - Federal Representatives

- Legal Action
  - Beach Front property owners legal action for beach damages
- SOS Saco Bay
- Grassroots support from citizens of Saco Bay Communities





## Build Legislative Support Biddeford, Old Orchard, Saco & Scarborough

#### **State Senators**

- Justin Chenette (Saco & Old Orchard)
- Susan Deschambault (Biddeford)
- Linda Sanborn (Scarborough)

#### **State Representatives**

- Shawn Babine (Scarborough)
- Donna Bailey (Saco)
- Christopher Caiazzo (Scarborough)
- Ryan Fecteau ( Biddeford)
- Victoria Foley (Biddeford)
- Lori Gramlich (Old Orchard)
- Donald Marean (Hollis & Saco)
- Margaret O'Neil (Saco)



### Create Regional Erosion Working Group Team Members and Advisors

- Biddeford Public Representative
- Old Orchard Public Representative
- Saco Public Representative
- Scarborough Public Representative
- Local State Senators / Local State Representatives
- UNE Marine Scientists / Oceanographers / Researchers
- Southern Maine Planning and Development Commission



## State / Federal Involvement

- Introduce State Officials to the economic severity of Saco bay erosion
  - Expansion of USACOE responsibility from 2500 feet to the full beachfront
    - Describe proposed Federal Implementable Plan
    - Upgrade resolution to address full bay issues
    - Provide estimate for complete erosion resolution
  - Withdrawal of responsibility
    - Congressional actions





### Regional Goals – Beach Erosion Reduction and Restoration

#### **State of Maine**

- Improve/Restore Ferry Beach Park
- Maintain Beach Front
- Maintain Tourist Income

#### **Biddeford**

- Biddeford Crossing Tourist Income
- Local Restaurants

#### **Old Orchard**

- Minimize Outflow Damage
- Minimize Tourist Impact
- Maintain Property Value
- Maintain Beach Front

#### Saco

- Resolve/Reduce Erosion
- Halt/Reduce Property Damage/Loss
- Maintain/Improve Property Values
- Regain/Maintain Beach Front

#### Scarborough

- Resolve/improve Erosion
- Resolve/Decrease Shoaling
- Reduce Dredging Frequency
- Halt/Reduce Ecological Encroachment

## Projected Project Timeline

#### Oct 2019

Saco City Council Approval

#### **Nov 2019**

- Biddeford City Council Approval
- Old Orchard City Council Approval
- Scarborough City Council Approval

#### **Dec 2019**

- State Senators & Representatives support
- Federal Senators & Representatives

#### Jan / Feb 2020

- Formation of Saco Bay Regional Erosion Mitigation Team
- Identification of Team Members
  - Biddeford, Old Orchard, Saco & Scarborough
  - State Senators & Representatives
  - State Offices
    - Maine Geological, Planning,
      Conservation, & Tourism
      University of New England
  - Southern Maine Regional Planning

## Projected Project Timeline - continued

#### Mar 2020

First Regional Group Meeting

#### **April 2020**

- Briefing Consolidation for Governor
- Secure Appointment with Governor

#### **May 2020**

Brief Governor on Saco Bay

#### Jul 2020

 Governor to brief Council Of Governors on Saco Bay Issues

