



NEPA SCOPING MEETING

MEETING AGENDA

- Poster Session: 9:00 – 9:15
- Presentation: 9:15 – 10:00
- Comments: 10:00 – 10:30
- Poster Session: 10:30 – 11:00

PINELLAS COUNTY, FLORIDA STUDY for Coastal Storm Risk Management

Feasibility Study and NEPA Analysis

NEPA Scoping Meeting

Presented by
U.S. Army Corps of Engineers
Jacksonville District
November 15, 2018



PUBLIC SCOPING MEETING PURPOSE

PINELLAS COUNTY, FLORIDA STUDY FOR CSRM



- Discuss study purpose and process
- Provide a venue for public comment & input



End of Scoping
Comment Period:
**November 30,
2018**



R63 Howard Drive Belleair Beach 1985

BEFORE



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Photo courtesy of Florida Department of Environmental Protection <http://prodenv.dep.state.fl.us/DwrnCoasts/search>

R63 Howard Drive Belleair Beach 2017

AFTER



BUILDING STRONG





R64 Morgan Drive Belleair Beach 1985

BEFORE



BUILDING STRONG



Photo courtesy of Florida Department of Environmental Protection <http://prodenv.dep.state.fl.us/DwrnCoasts/search>

R64 Morgan Drive Belleair Beach 2017

AFTER



BUILDING STRONG





R84 Central Avenue Indian Rocks Beach 1985

BEFORE



BUILDING STRONG



Photo courtesy of Florida Department of Environmental Protection <http://prodenv.dep.state.fl.us/DwrCoasts/search>



R84 Central Avenue Indian Rocks Beach 2017

AFTER



BUILDING STRONG





R102 Coral Avenue Redington Shores 1985

BEFORE



BUILDING STRONG



Photo courtesy of Florida Department of Environmental Protection <http://prodenv.dep.state.fl.us/DwrCoasts/search>



R102 Coral Avenue Redington Shores 2017

AFTER



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Indian Rocks Beach R-72A 2017

BEFORE



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Indian Rocks Beach R-72A 2018

AFTER



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Sunset Beach R-141A 2017

BEFORE



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Sunset Beach R-141A 2018

AFTER



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Sunset Beach R-139 1976



U.S. ARMY



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STUDY AUTHORITY

PINELLAS COUNTY, FLORIDA STUDY FOR CSRM



- Study initiation authorized under Section 216 of the Flood Control Act of 1970, Public Law 91-611
- Study funds appropriated under Bipartisan Act of 2018, Public Law 115-123
- Study coastal storm risk management opportunities for Pinellas County for after the 50-year period of Federal participation expires on currently authorized project

STUDY AUTHORITY

Section 216 of the Flood Control Act of 1970, which supports investigation efforts for the modification of existing projects, is the study authority for this Feasibility Study.



STUDY PURPOSE

PINELLAS COUNTY, FLORIDA STUDY FOR CSRM

- Evaluate alternatives to manage coastal storm risk in Pinellas County for 50 years
- Develop an alternative that is environmentally acceptable
- Treasure Island and Long Key most urgent need
- Pinellas County is the local sponsor

CLEARWATER
BEACH
ISLAND

CLEARWATER
PASS

SAND KEY

JOHNS PASS

TREASURE
ISLAND

BLIND PASS

LONG
KEY

PASS A GRILLE



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STUDY SCOPE

PINELLAS COUNTY, FLORIDA STUDY FOR CSRM

Develop alternatives to:

- 1 Reduce hurricane and storm damages to homes, buildings, commercial property & other important structures
- 2 Maintain shallow-draft navigation channels
- 3 Maintain environmental quality for coastal species
- 4 Maintain recreational beaches for economic benefit



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FEASIBILITY STUDY TIMELINE

PINELLAS COUNTY, FLORIDA STUDY FOR CSRM



SCOPING

1

ALTERNATIVES MILESTONE
Vertical Team concurrence on Array of Alternatives

ALTERNATIVE FORMULATION & ANALYSIS

2

TENTATIVELY SELECTED PLAN (TSP) MILESTONE
Draft Feasibility Report/EA or EIS

FEASIBILITY-LEVEL ANALYSIS

3

AGENCY DECISION MILESTONE

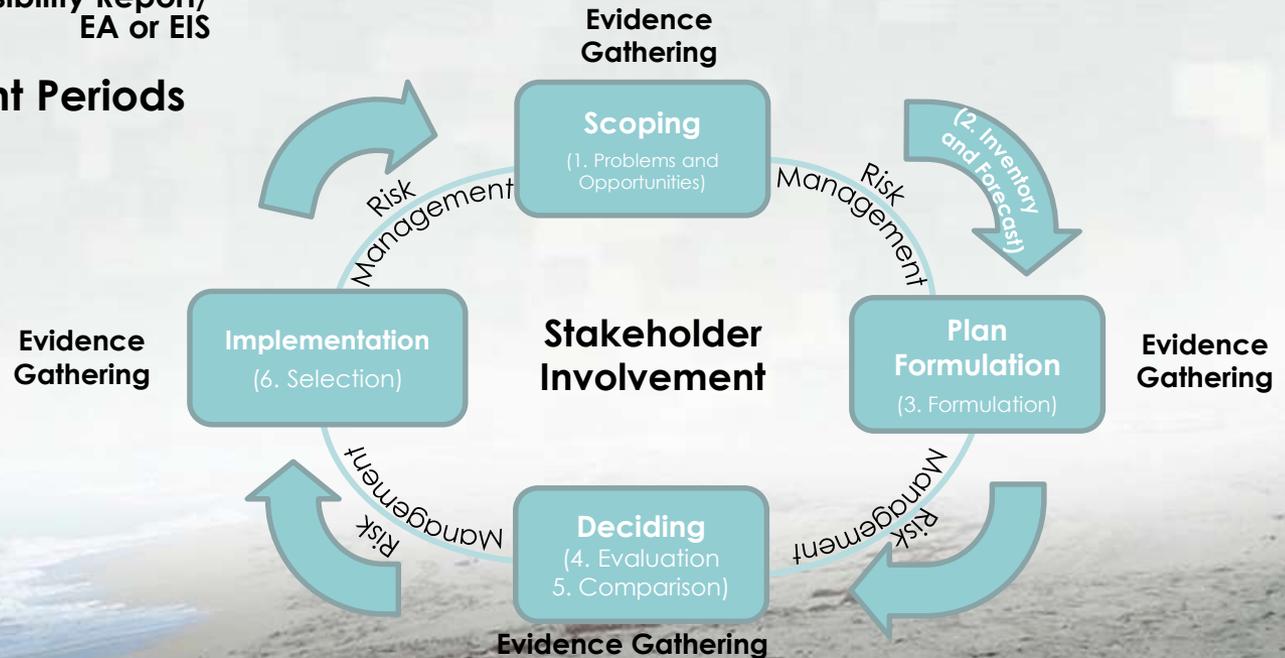
Draft/Final Recommended Plan/EA or EIS

CHIEF'S REPORT

5

CHIEF'S REPORT

Formal Public Comment Periods



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PLANNING & ENGINEERING CONSIDERATIONS

PINELLAS COUNTY, FLORIDA STUDY FOR CSRM



- Assess alternatives and model to determine which best reduces coastal storm damages
- Alternatives could include (but are not limited to):
 - stand alone or combinations of soft structures (beach and dune)
 - hard structures (seawalls, breakwaters, reefs, rock revetment), and
 - non-structural alternatives (flood proofing)

Examples of Types of Solutions

Beach Nourishment



Dunes/Vegetation



Artificial Reefs



Rock Revetment



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NATIONAL ENVIRONMENTAL POLICY ACT OF 1969 (NEPA)

PINELLAS COUNTY, FLORIDA STUDY FOR CSRM



- Applies to all Federal actions
- Does not manage or protect one or more specific resources (unlike Endangered Species Act, Clean Water Act, etc.)
- Federal agencies CONSIDER & document the environmental impacts of their proposed actions as part of their OVERALL planning & decision making
- Action agencies cooperate with federal, state & local governments, & other concerned public and private organizations & citizens during planning

PARTICIPATING AGENCIES

USACE welcomes participation from agencies, and encourages agencies with resource interests to assist in the drafting and review of the NEPA document as a participating agency

ENVIRONMENTAL CONSIDERATIONS

PINELLAS COUNTY, FLORIDA STUDY FOR CSRM



- Aesthetics
- Air Quality
- Archaeological/Cultural Resources
- Essential Fish Habitat
- Contaminants
- Navigation
- Noise
- Recreation
- Benthic Resources
- Socioeconomics
- Threatened and Endangered Species
- Turbidity
- Wildlife Resources

AESTHETICS



CULTURAL



ESSENTIAL FISH HABITAT



THREATENED & ENDANGERED SPECIES



HARDGROUNDS



TURBIDITY



NAVIGATION



WILDLIFE RESOURCES



ENVIRONMENTAL PROCESS

PINELLAS COUNTY, FLORIDA STUDY FOR CSRM



 Public Input

HOW CAN YOU HELP?

▪ COMMENT DURING SCOPING:

- Provide knowledge and expertise on any issue not identified during this presentation

▪ REVIEW DRAFT NEPA DOCUMENT:

- Review the Draft NEPA document at the USACE, Jacksonville District website
- Provide comments on any concerns not addressed in the report

Comments are needed by
November 30, 2018

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