



Pensacola Bay Bridge Replacement Project Development & Environment Study

*FDOT District 3 ETAT Meeting
April 9, 2014*



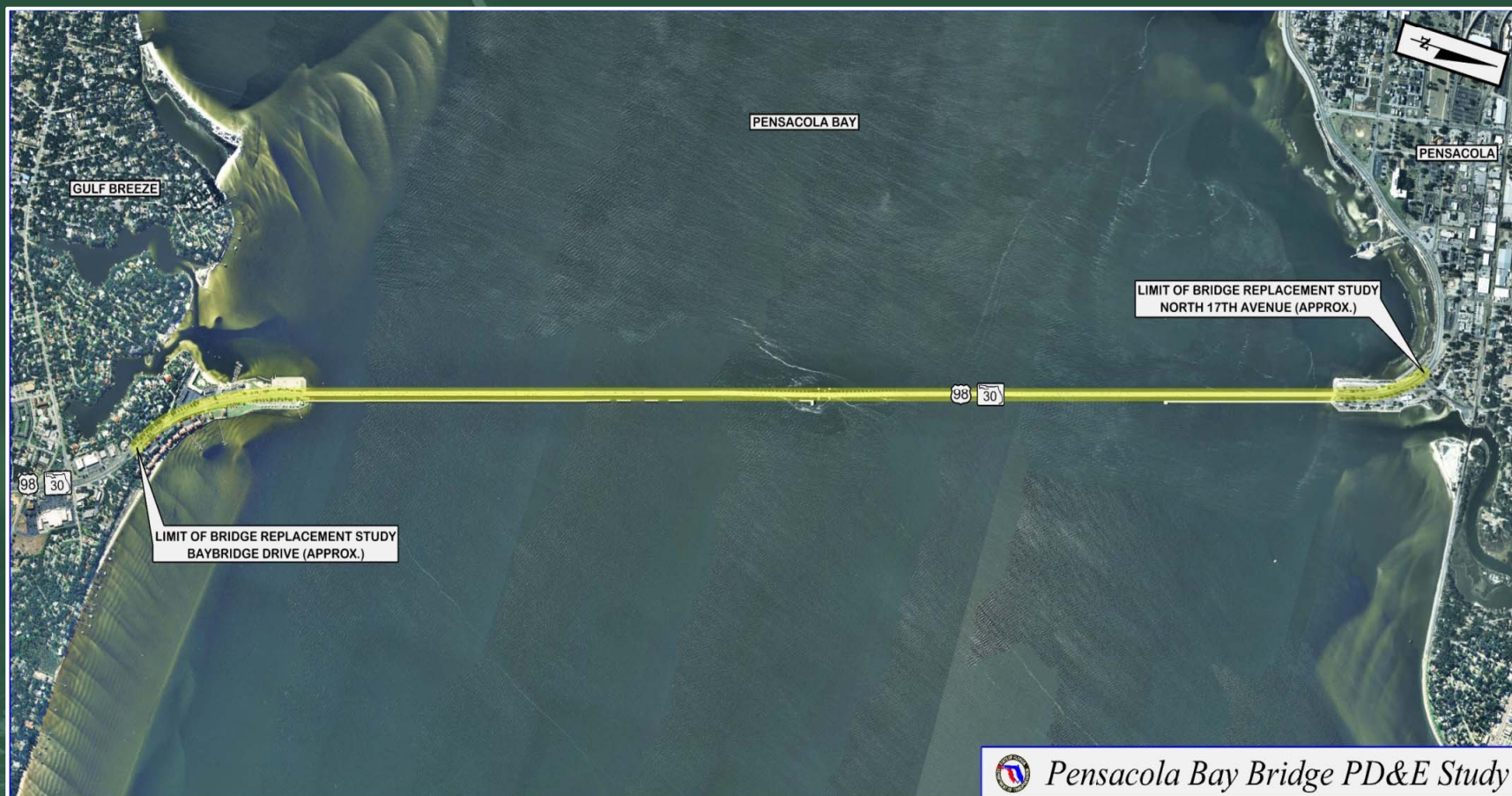


Project Location





Project Limits



Pensacola Bay Bridge PD&E Study



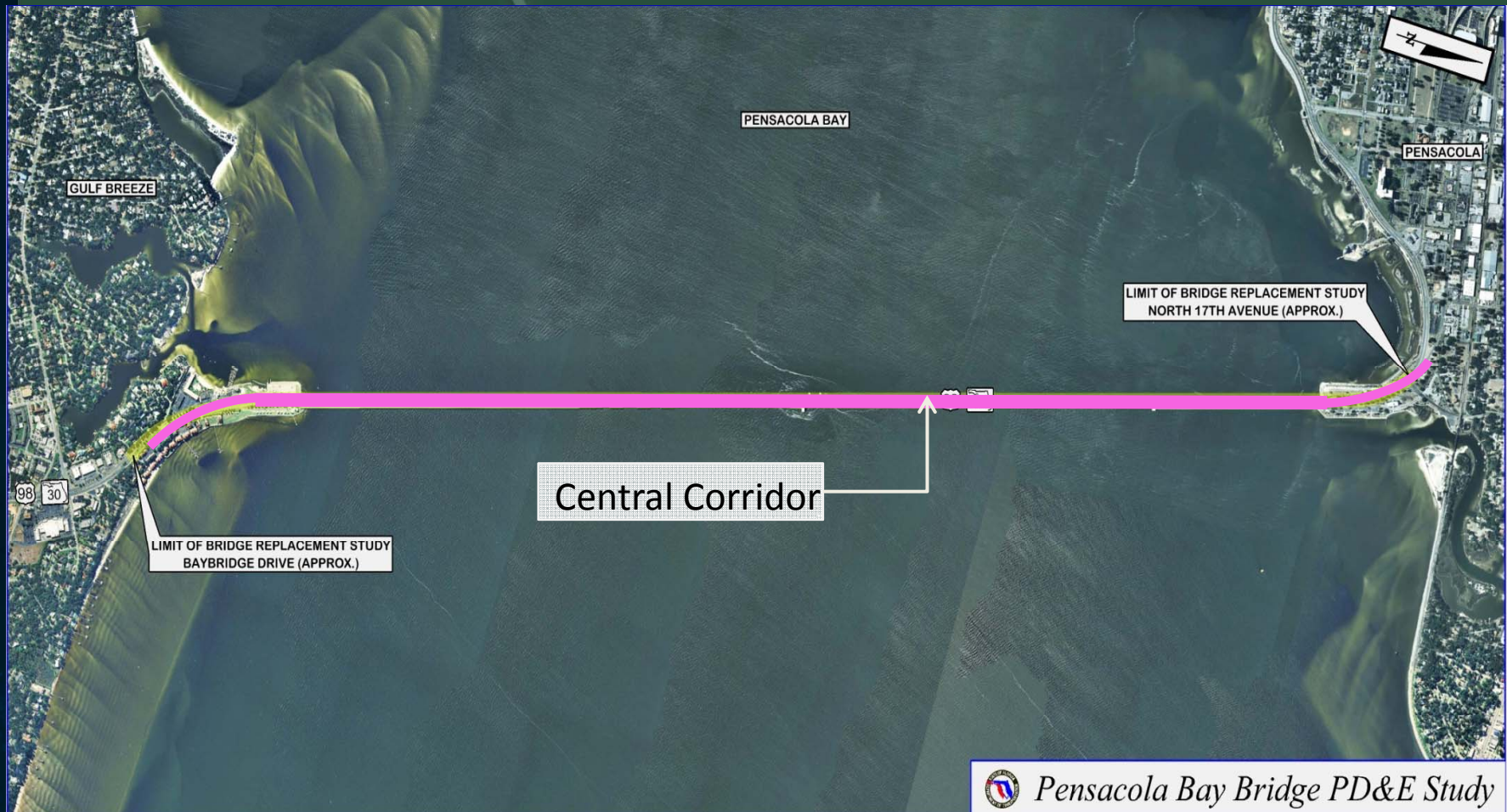
Purpose



- Basis for performing the replacement bridge study
 - Lack of modern safety provisions
 - No facilities for bikes and pedestrians
 - Does not meet current desirable navigation requirements
 - Deteriorating conditions indicate that the twin bridges are structurally deficient
- Study Purpose
 - Determine the best solution for replacement of the existing bridge



Preferred Corridor





Preferred Corridor – Central

- Least disruptive to community facilities
 - *Pensacola Wayside Park*
 - *Gulf Breeze Wayside Parks – East & West*
 - *Gulf Breeze Boat Launch/Emergency Services*
 - *Pensacola Welcome Center*
 - *Escambia County Fishing Bridge*
- Least Disruptive to the Marine Environment
 - *Essential Fish Habitat*
 - *Endangered and Protected Species*
 - *Cultural Resources*
- Least Disruptive to Residents and Businesses
- Preserved the greatest amount of shoreline



Central Corridor Design Alternatives



“Build” Alternatives

- *Central East*
- *Central West*

- FDOT/FHWA are also required to assess a “no build” condition throughout the PD&E study



Central East & West – Design Alternatives

Central West

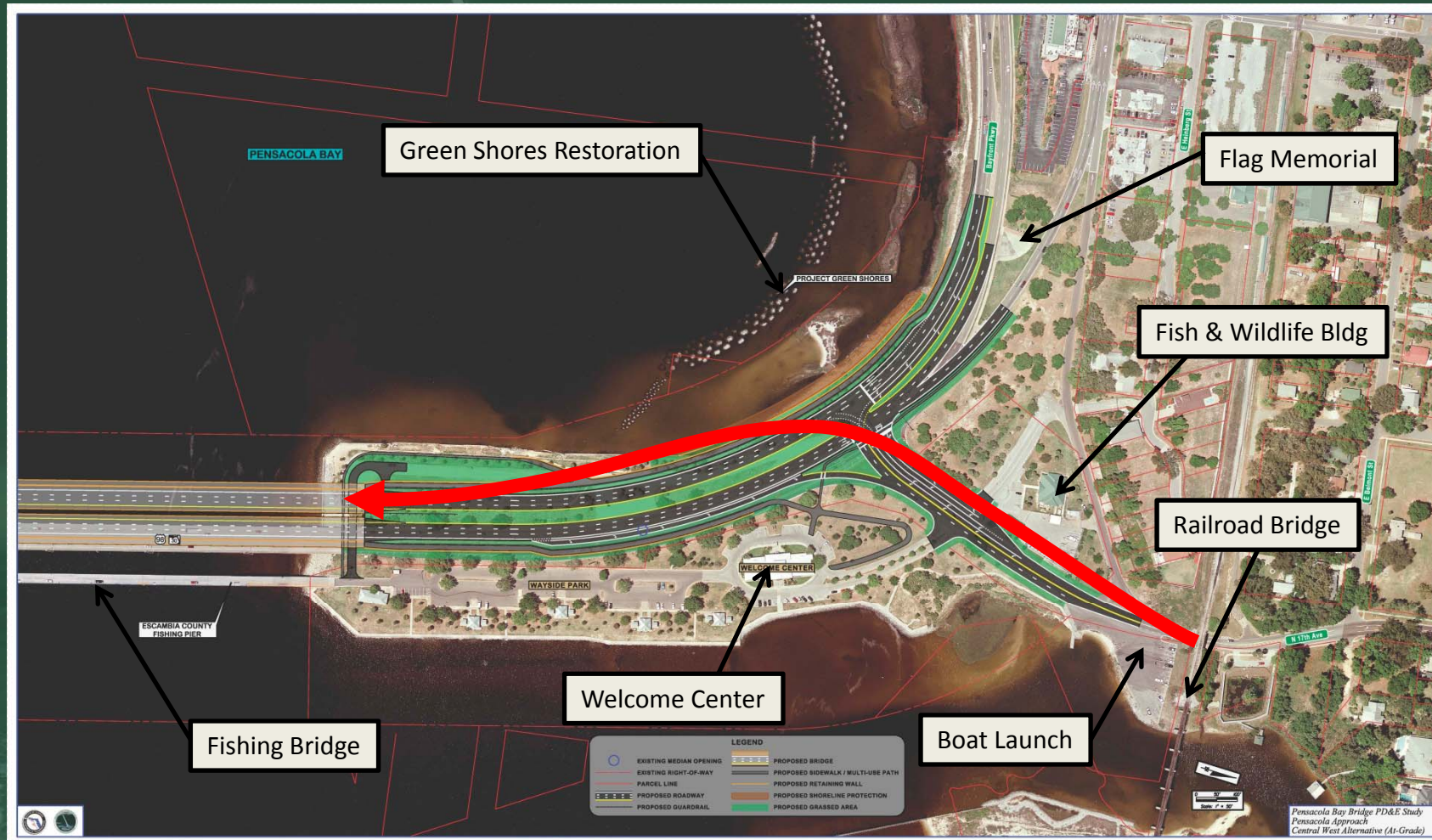


Central East





17th Avenue – “Flyover Concept”





Wayside Park Concept Plan





Public Outreach





Current Status and Ending Tasks

- Extensive coordination with local governments/state and federal agencies
- Refined the alternatives and completed the preliminary engineering analysis
- Completed the environmental documents
 - *Air, noise, contamination evaluation*
 - *Wetlands, endangered species, essential fish habitat*
 - *Archeological & historic Sites (Marine Artifacts)*
 - *Parks & recreation sites*
- Prepared a Draft Environmental Assessment /Section 4(f) National Environmental Policy Act (NEPA) Document
- Present the alternatives and the environmental documents to the public
- Evaluate comments, complete the Environmental Document and secure approval of the preferred alternative from the Federal Highway Administration



Avoidance of Park Property – Section 4(f)

- Section 4(f) of the 1966 Surface Transportation Act passed by the US Congress requires the Federal Highway Administration (FHWA) to evaluate alternatives that avoid parks, national historic sites, and waterfowl refuges
- Prior to the taking of land from any of the above named places FHWA must demonstrate that the avoidance alternatives are not reasonable or prudent .
- *The Pensacola Bay bridge Replacement study has to comply with this statute. Three potential alternatives were examined:*
 - *Avoidance to the East*
 - *Avoidance to the West*
 - *Remain inside the existing FDOT right of way*



Park Avoidance Alternative - East





Park Avoidance Alternative - West





Park Avoidance – Use Existing Right-of-Way

Construction Detour

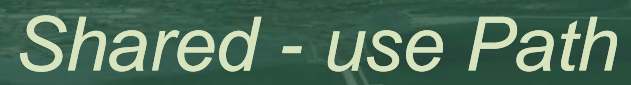




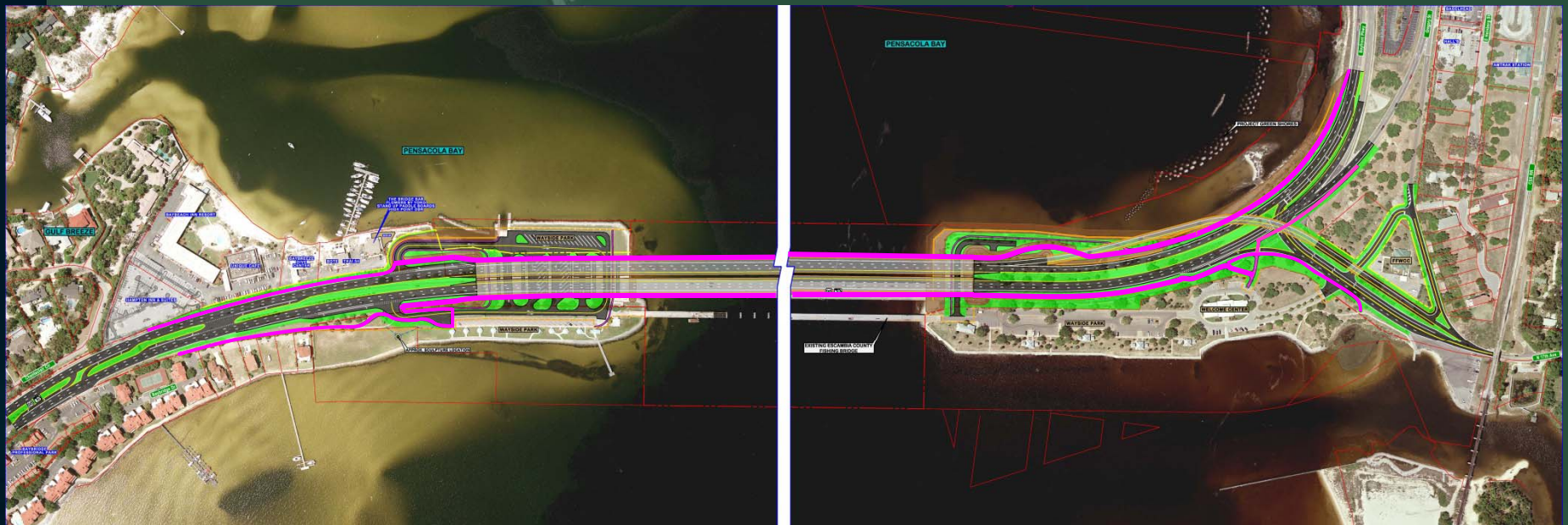
Endangered Species Act – Section 7

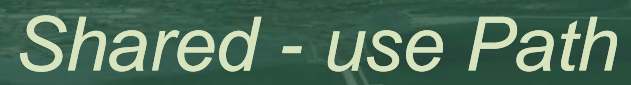
In this case, the USFWS has determined by review of the project information, that this project is likely to adversely affect the Gulf Sturgeon and formal consultation is necessary.

- Provide Additional Information for Formal Consultation
 - type of pile (sheet, H, tubular, square, etc.),
 - diameter of piles,
 - number of piles driven,
 - number of hammer strikes per pile,
 - duration to drive a single pile,
 - number of piles driven per day,
 - time of year of the activity, etc.

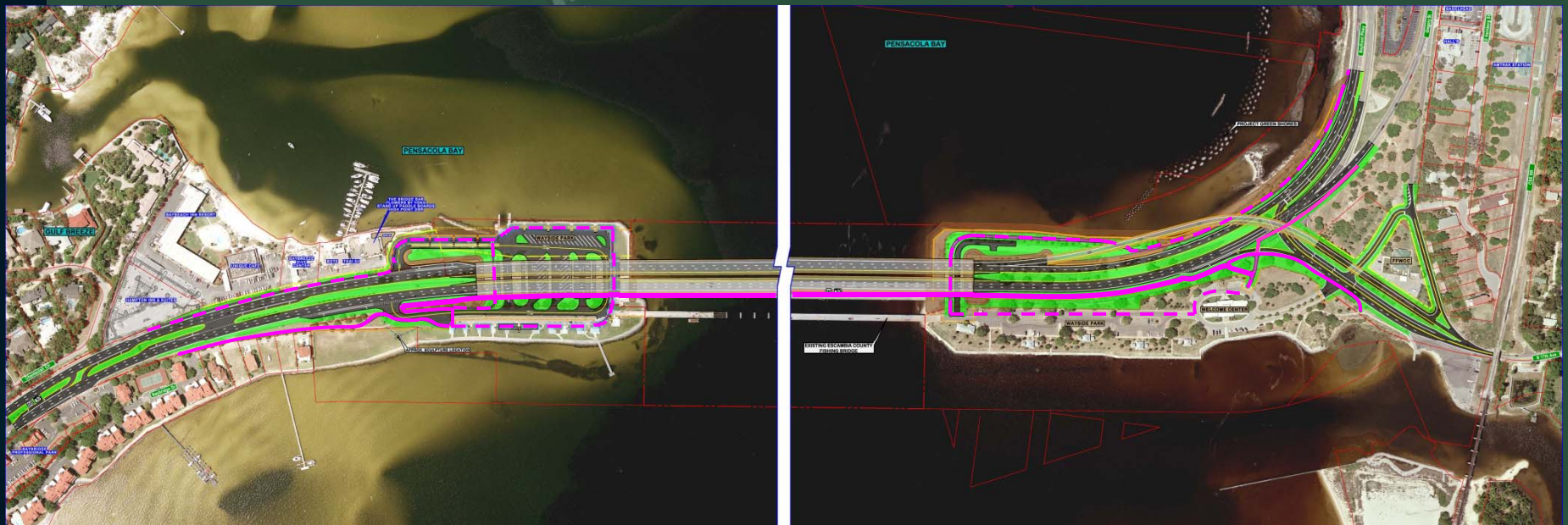


Paths on each one of the twin bridges





Path on one of the twin bridges (east bridge)

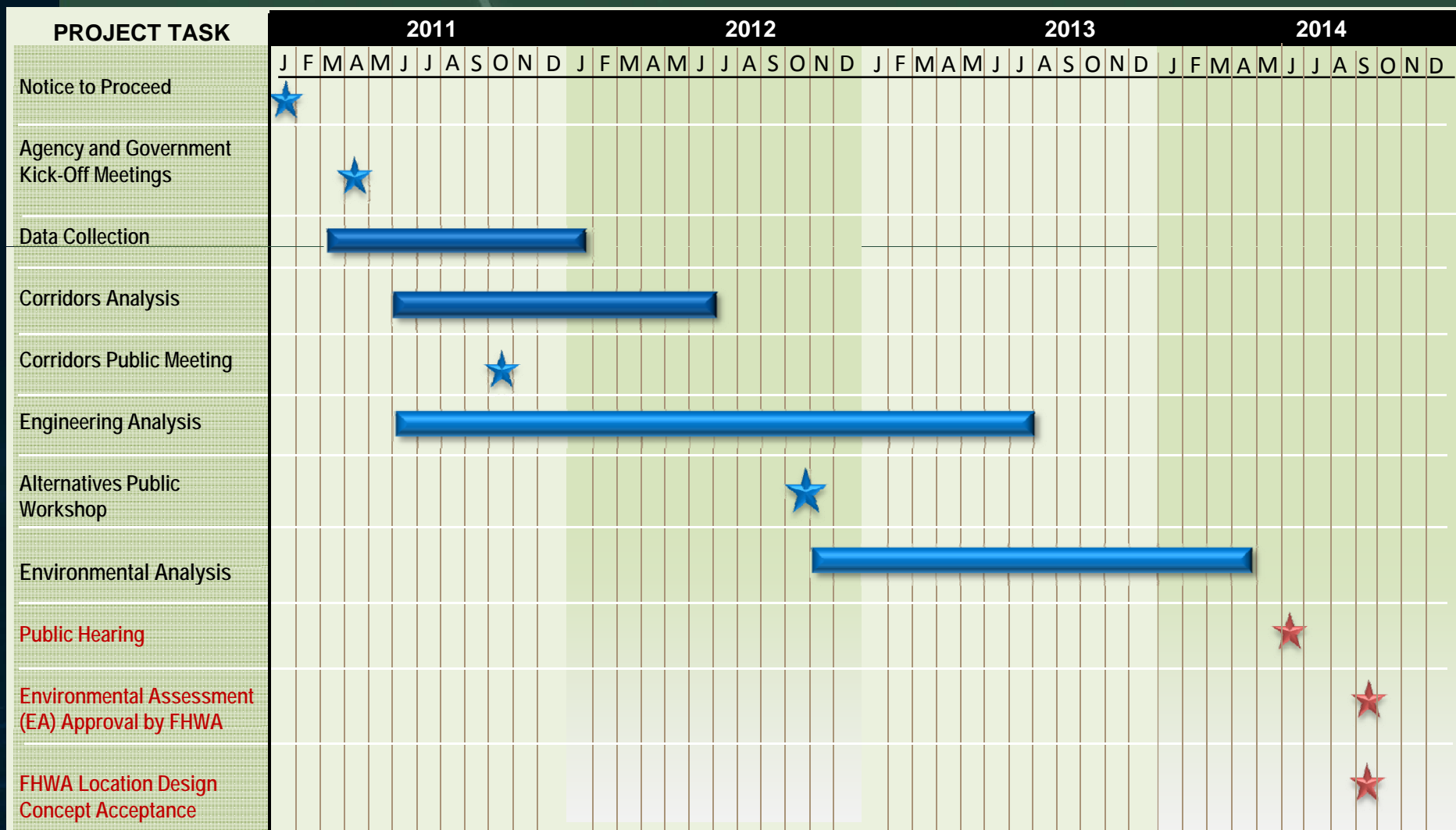




Public Hearing



- “Build” Alternatives
 - *Central East*
 - *Central West*
- Multi-use path options
- Section 4(f) avoidance considerations
- Draft Environmental Assessment/Section 4(f) Document
- Engineering & Environmental Support Documents
- PUBLIC HEARING
 - *June 10, 2014*
 - *Crowne Plaza Hotel (Adjacent to Civic Center)*
 - *Time: 5 PM to 7 PM*





Contact US!



www.PensacolaBayBridge.com

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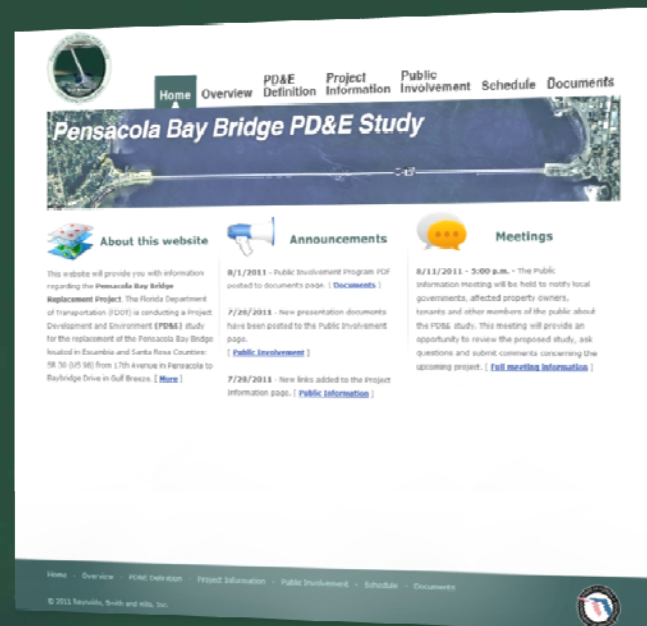
RS&H, Inc.

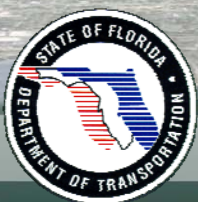
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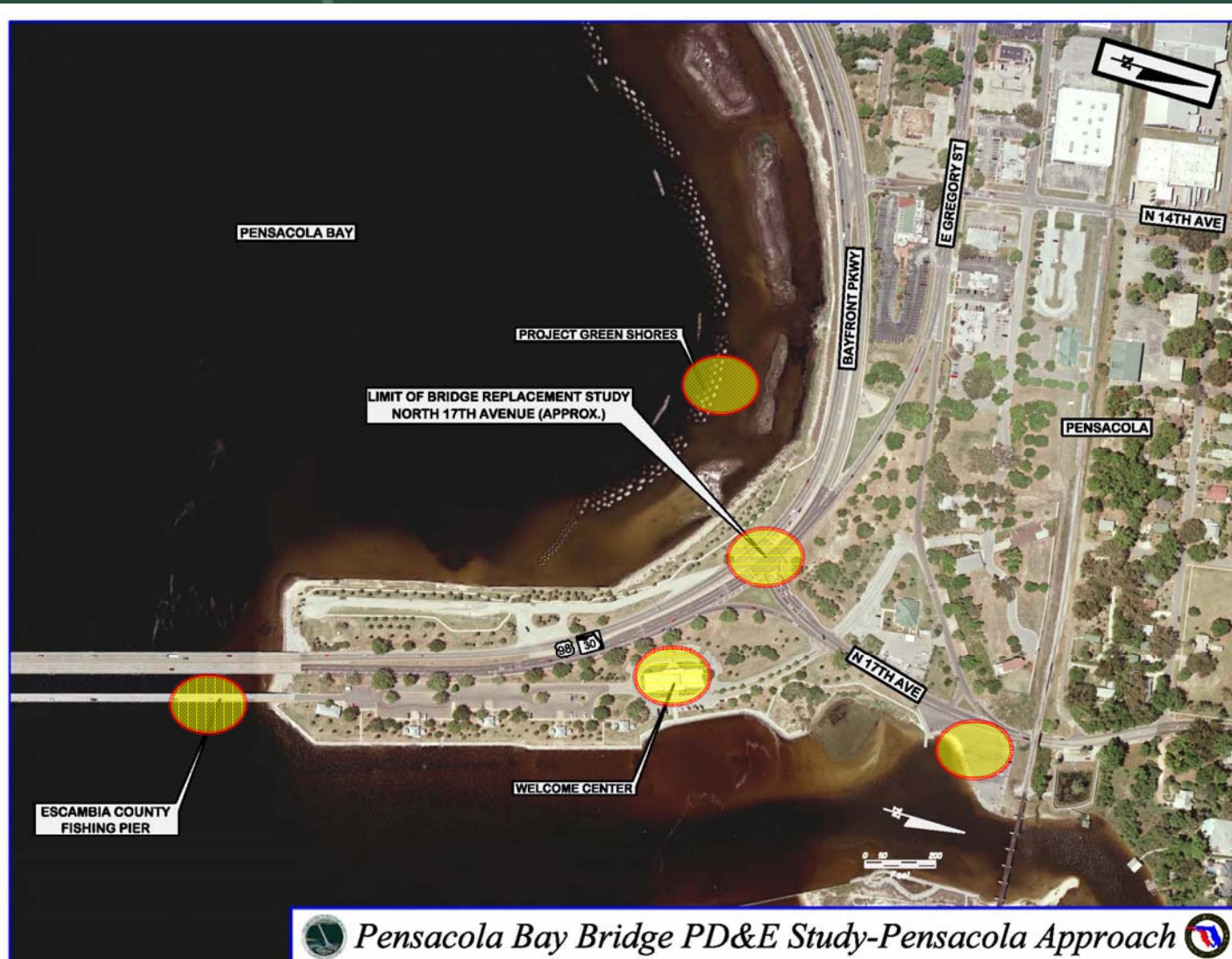
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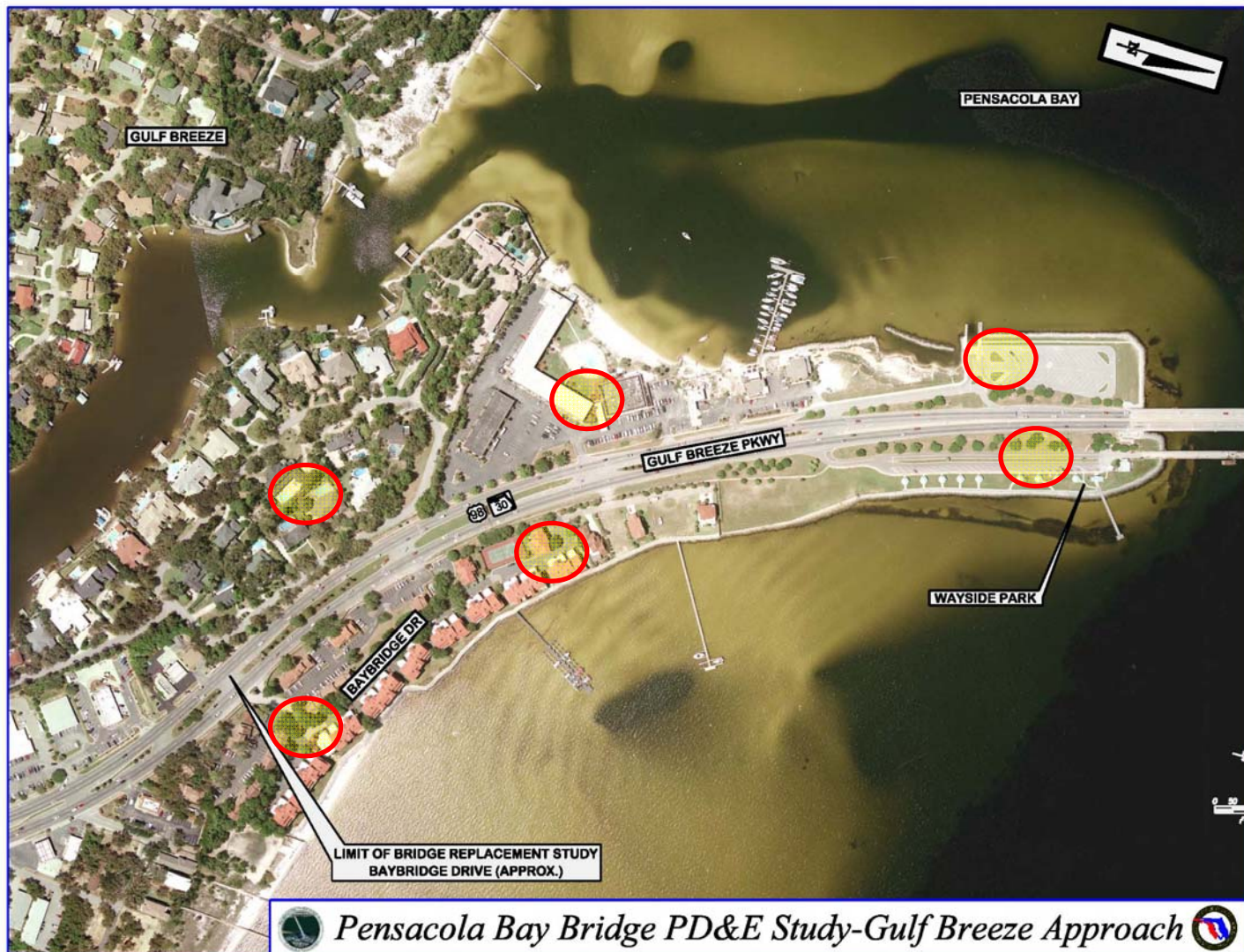


Pensacola Approach





Gulf Breeze Approach



Pensacola Bay Bridge PD&E Study-Gulf Breeze Approach





Road & Bridge Configurations

- Three lanes in each direction
- Shoulders adjacent to the travel lanes (bridge only)
- Pedestrian/bicycle path in each direction

