

The background of the slide is a dark, blue-tinted photograph of the Mobile River Bridge, a large cable-stayed bridge, spanning across a body of water. In the distance, a city skyline is visible under a hazy sky. The text is overlaid on this image in a light blue, serif font.

MOBILE RIVER BRIDGE AND BAYWAY PROJECT

**AMENDMENT TO THE LRTP
EASTERN SHORE MPO PUBLIC MEETING
JUNE 30, 2022**

Project Direction from MPOs

“MPO members are hopeful a feasible way can be found to build the phases concurrently....Accordingly, both MPOs request ALDOT broaden its study to enable it to report back to the MPOs as to what financial structure would be required to build all three phases simultaneously...”

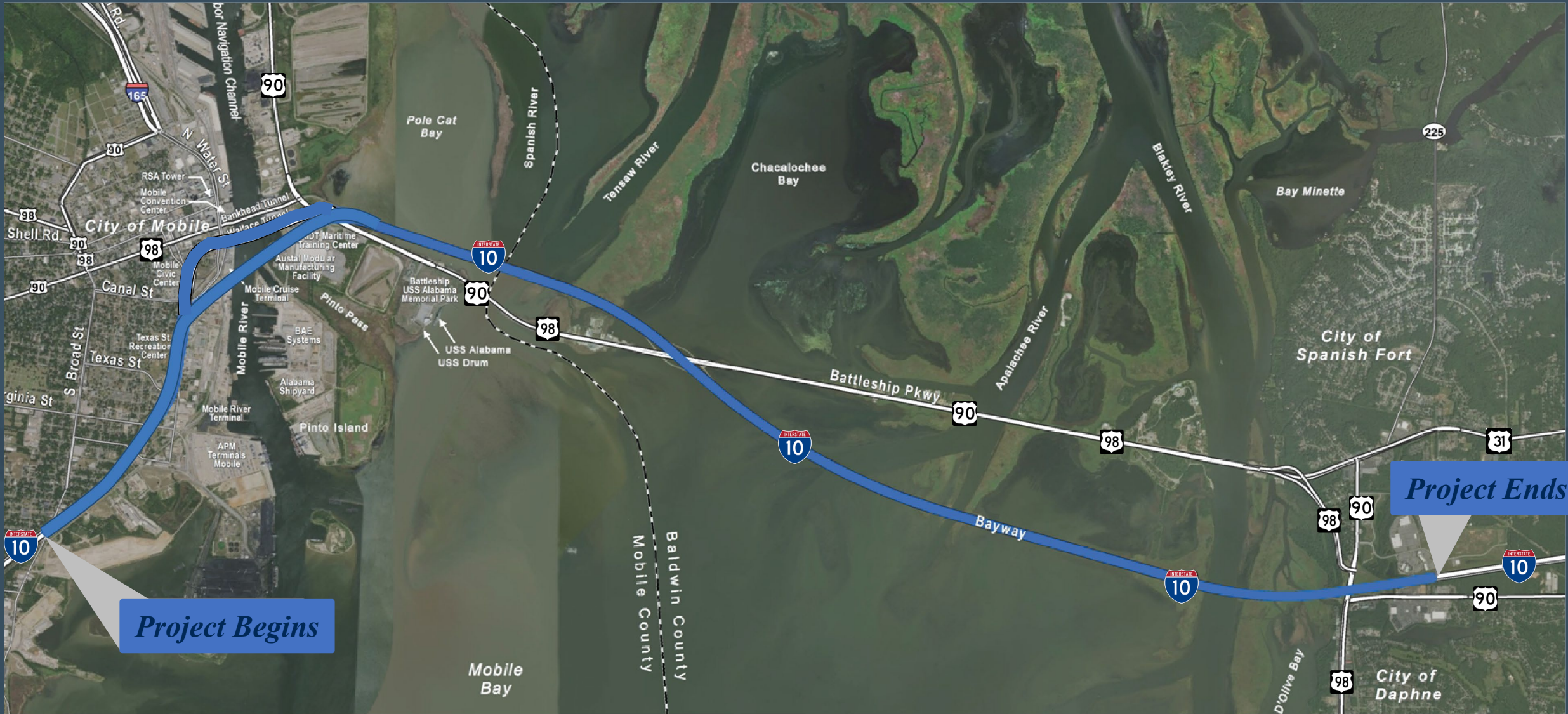
*Letter from MPO Chairman Stimpson and MPO Chairman Burrell to ALDOT
September 1, 2021*

Project Direction from MPOs

December 15, 2021 letter from MPOs providing additional guidance:

- Be comprehensive and not phased/piecemeal plan
- Free, no toll options including Wallace Tunnel, Bankhead Tunnel, Africatown Bridge, and Causeway
- Need to protect \$125 million federal grant and anticipate at least \$250 million in State Funds
- Tolls for cars should be \$2.50 or less and \$18.00 or less for 18-wheeler trucks
- All infrastructure to be owned and operated by the State of Alabama

Base Design



Base Design – Main Span



Mobile River Bridge:

- New six-lane, cable-stayed bridge with a minimum 215 feet of air draft clearance across the Mobile River channel.
- High level approach spans start just east of Virginia Street in Mobile and end between the Bayway bridges.

Project Begins

Project Ends

Base Design – Bayway



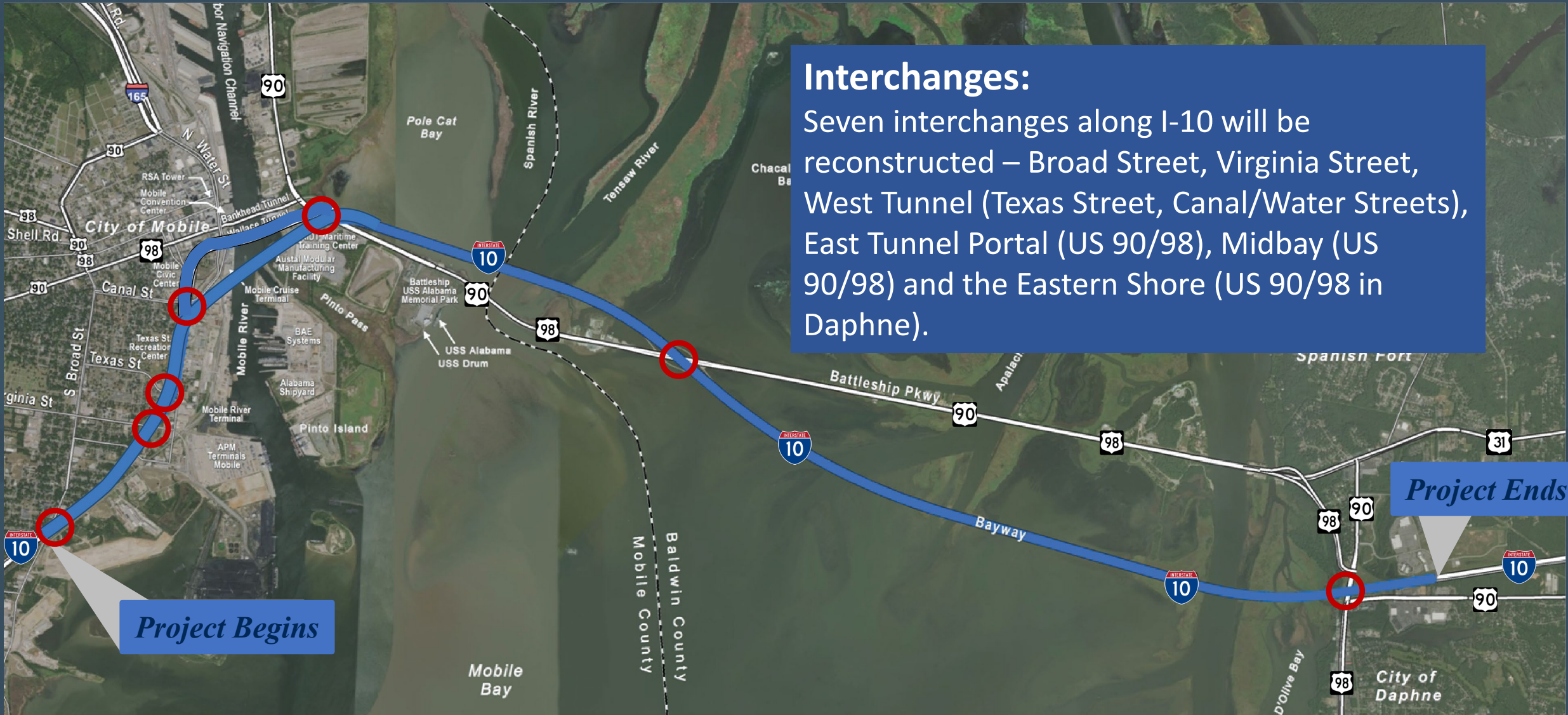
Bayway:

- Replace the existing four-lane I-10 Bayway bridges across the Mobile Bay with new bridges with additional capacity built to current safety and design standards.
- Will run approximately 7.4 miles from the high level approach spans to the US 90/98 Eastern Shore interchange in Daphne.

Project Begins

Project Ends

Base Design - Interchanges

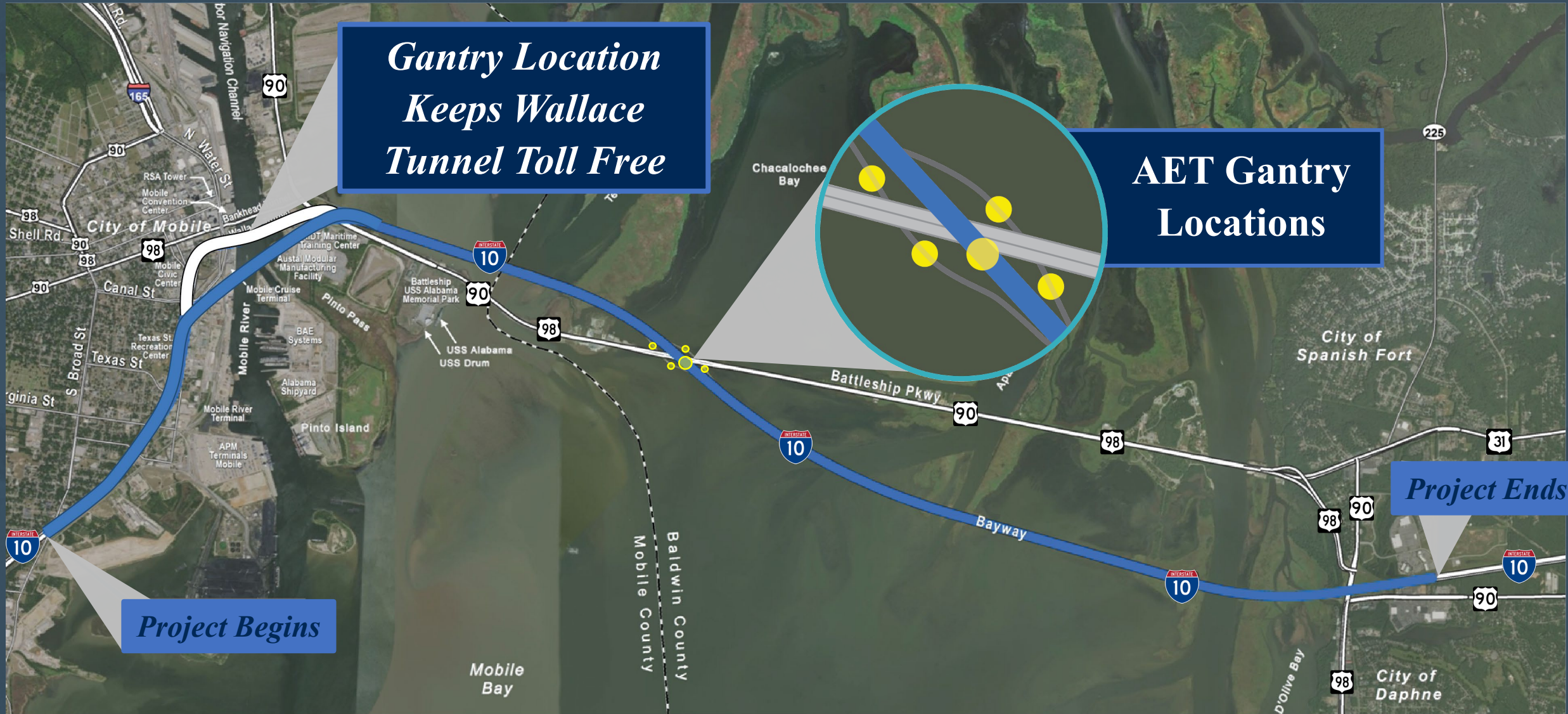


Proposed Plan

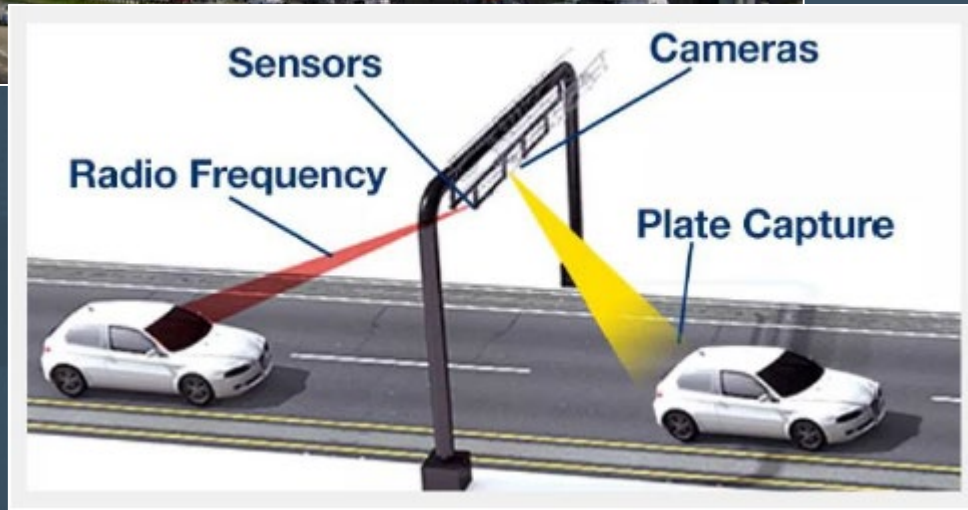
Based on the guidance from the MPOs, the proposed plan for the Mobile River Bridge and Bayway Project is:

- Only the new main span bridge and new Bayway will be tolled
- Passenger Vehicles with an ALGO pass will be a maximum of \$2.50
- 18-wheelers with an ALGO pass will be a maximum of \$18.00
- Toll revenue to be used only to pay down project debt, with tolling to end once the debt is paid off

Propose Plan - Toll Gantry Locations



All Electronic Tolling



Gantries with sensors and cameras will scan the ALGO pass or capture a picture of the license plate. No slowing or stopping.



Free - No Toll Routes



Free - No Toll Routes



Free –
No Toll
Routes

Wallace Tunnel -
Causeway
Connection



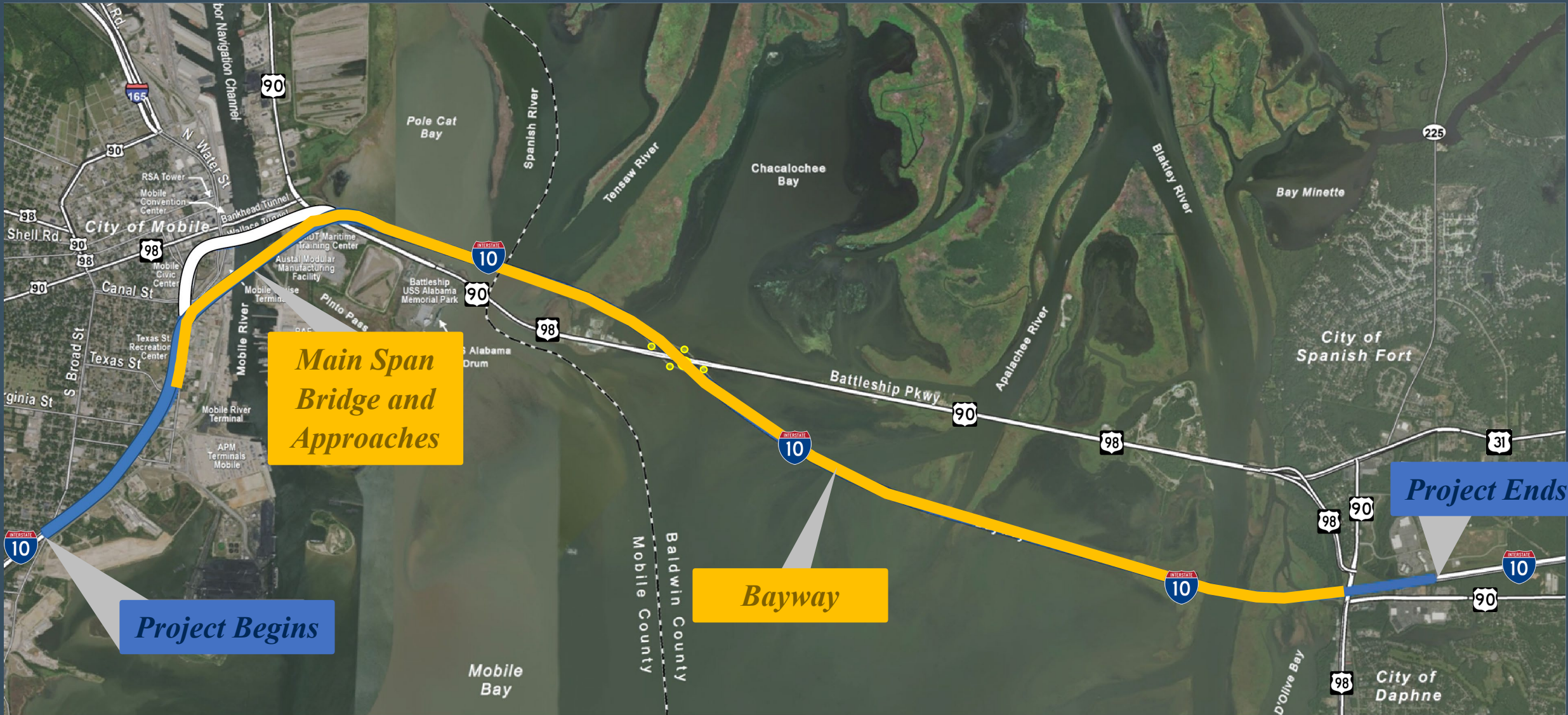
Conceptual

Free – No Toll Routes

Wallace Tunnel - Downtown Connection



Toll Route



*Main Span
Bridge and
Approaches*

Bayway

Project Begins

Project Ends

Project Cost Estimate

- Previous Preliminary Engineering (PE) and Construction Estimate for entire project was \$2.1 billion (2019)
- Recent inflation has caused construction prices to drastically rise
- Latest PE and Construction estimate for entire project is \$2.7 billion (2024)
- Increase is consistent with inflation-driven cost increases on highway projects across the state

Toll Rate Information

- ALGO passes are not restricted to local residents. Anyone can get an ALGO pass and pay the lower toll rates
- Rates presented are maximum rates based on preliminary analysis.
- Final toll plan will be presented at future public meetings and to the MPOs
- There will be two classes of tolled vehicles: low height and tall height

Toll Rate Framework

SHORT VEHICLE CLASS:

Vehicle heights under 7.5 ft

- Passenger Cars
- SUVs
- Pickup Trucks
- Minivans
- Motorcycles

ALGO Pass Base Rate Max:

2-axles = \$2.50

-\$40/month unlimited use pass-

w/ 1- or 2-axle trailer = \$5.00

w/ 3- or 4-axle trailer = \$7.50



Toll Rate Framework

TALL VEHICLE CLASS:

Vehicle heights over 7.5 ft

- Buses
- Delivery Trucks
- RV's
- Box Trucks
- Semi-Trailer Trucks
- 18-Wheeler Trucks

ALGO Pass Base Rate Max:

2-axles = \$9.00

Each additional axle is \$3.00

18-wheeler = \$18.00



Toll Rate Framework

Non-ALGO Pass Base Rates:





Short Class: additional \$1.50/axle

- **2-axles = \$5.50**

Tall Class: additional \$2.75/axle

- **5-axles = \$31.50**

Common Vehicle Toll Rates Chart

Classification	Vehicle Description	ALGO Transponder Rate
Short Class Vehicles Height Less than 7.5 feet	2-axle 	\$2.50 or \$40/month
	2-axle w/ Trailer 	\$5.00 (1 or 2-axle trailer) \$7.50 (3 or 4-axle trailer)
Tall Class Vehicles Height More than 7.5 feet	2-axle 	\$9.00
	5-axle 	\$18.00

Preliminary Funding Structure

State Funds – \$250 million

Federal INFRA Grant – \$125 million

Senior Financing – \$1.2 billion

Federal TIFIA Loan – \$1.1 billion

To be paid
back with
tolling
revenue

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graph LR; A[Senior Financing – $1.2 billion] --- B[ ]; B --- C[Federal TIFIA Loan – $1.1 billion]; B --- D[To be paid back with tolling revenue];
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Federal MEGA Grant (application submitted) – \$500 million

Procurement Plan

Procurement split into two projects constructed concurrently:

1. Progressive Design Build - Main Span Cable-Stayed Bridge and interchanges from Broad Street to the Mobile/Baldwin County Line
2. Progressive Design Build - Bayway and Interchanges from Mobile/Baldwin County Line to east of the Eastern Shore Interchange

Procurement Plan

Benefits of two Progressive Design-Build Procurements:

1. Two smaller projects instead of one larger project provides smaller construction and design firms more opportunity to participate
2. Lowers initial investment from teams
3. Allows early coordination between selected team and ALDOT during design to lower costs
4. Allows for quicker start to the design and construction

Project 1 – Mobile MPO

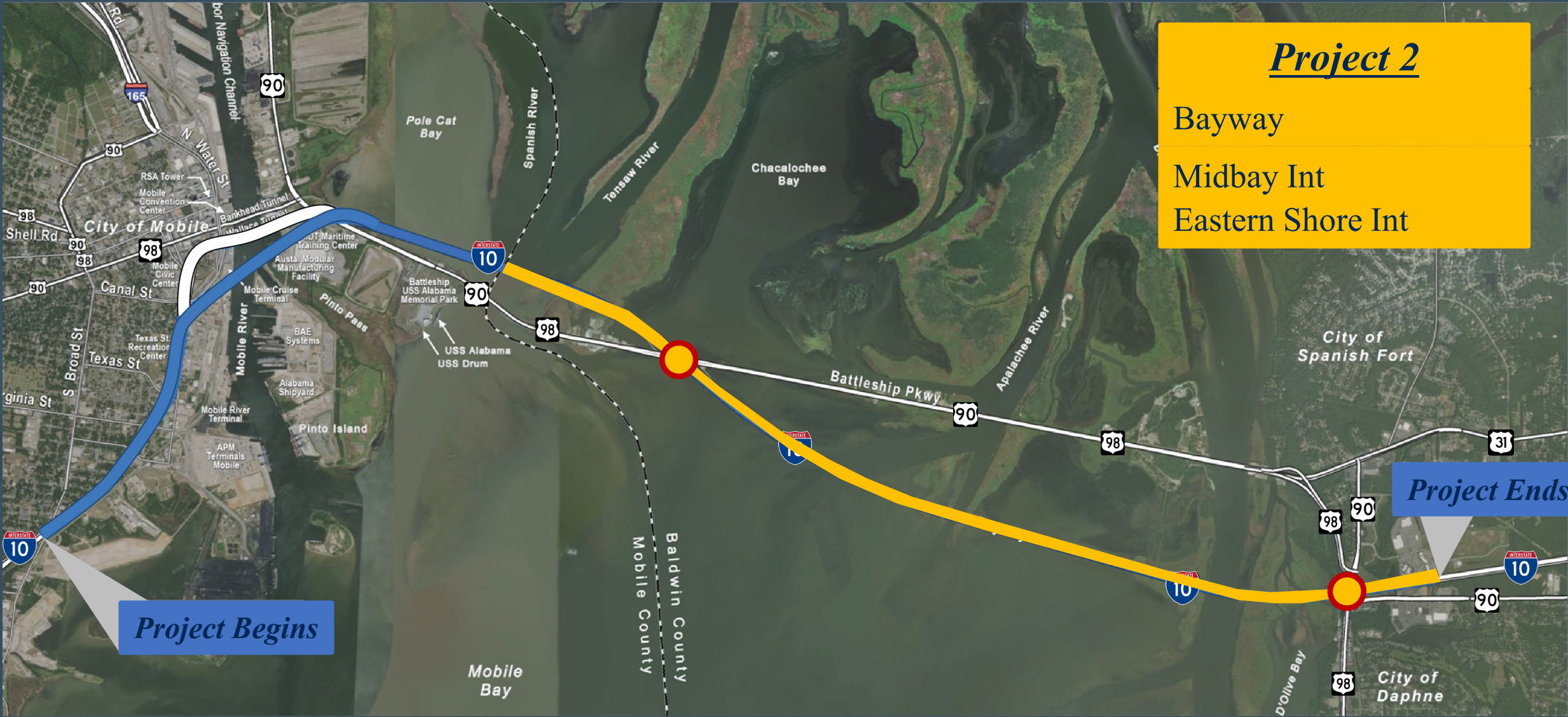


Project 1
Cable-Stayed Bridge
High-Level Approaches
Broad Street Int
Virginia Street Int
Texas Street Int
West Tunnel Int
East Tunnel Int

Project Begins

Project Ends

Project 2 - ESMPO



Full Project



Next Steps

- **MPOs vote on amendment**
- **Start Procurements**
 - Industry Forum
 - RFQ/RFP release
- **Update Environmental Document**
- **Finish Investment Grade Tolling and Revenue Modeling**
- **Additional Public Meetings**
- **Secure financing**
- **Start construction**

Industry Forum

August 16, 2022

GulfQuest Maritime Museum



Thank you

