



MOBILE RIVER BRIDGE AND BAYWAY PROJECT

**AMENDMENT TO THE LRTP
MOBILE MPO PUBLIC MEETING
JUNE 29, 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...”

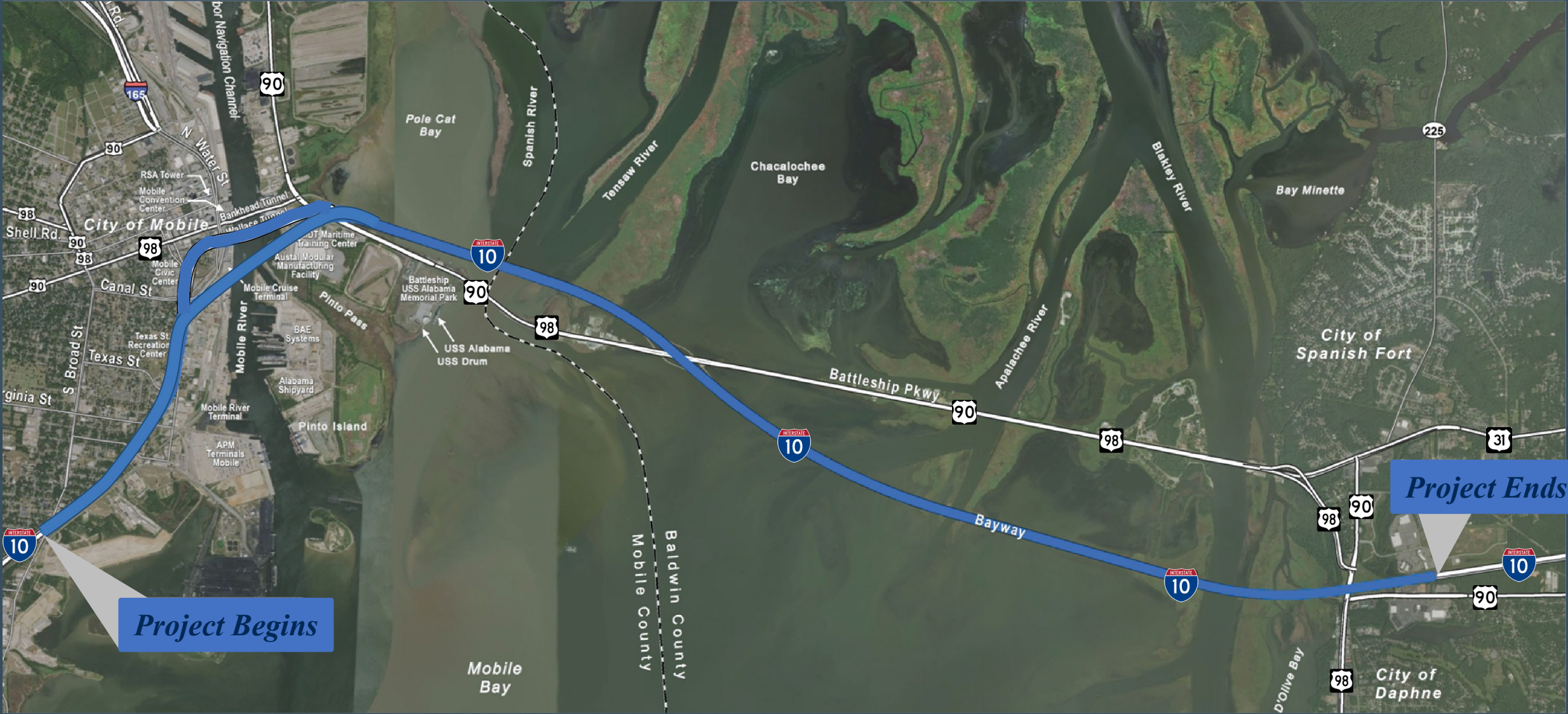
*Letter from MPO Chairman Stimpson and MPO Chairman Burrell to ALDOT
September 1, 2021*

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



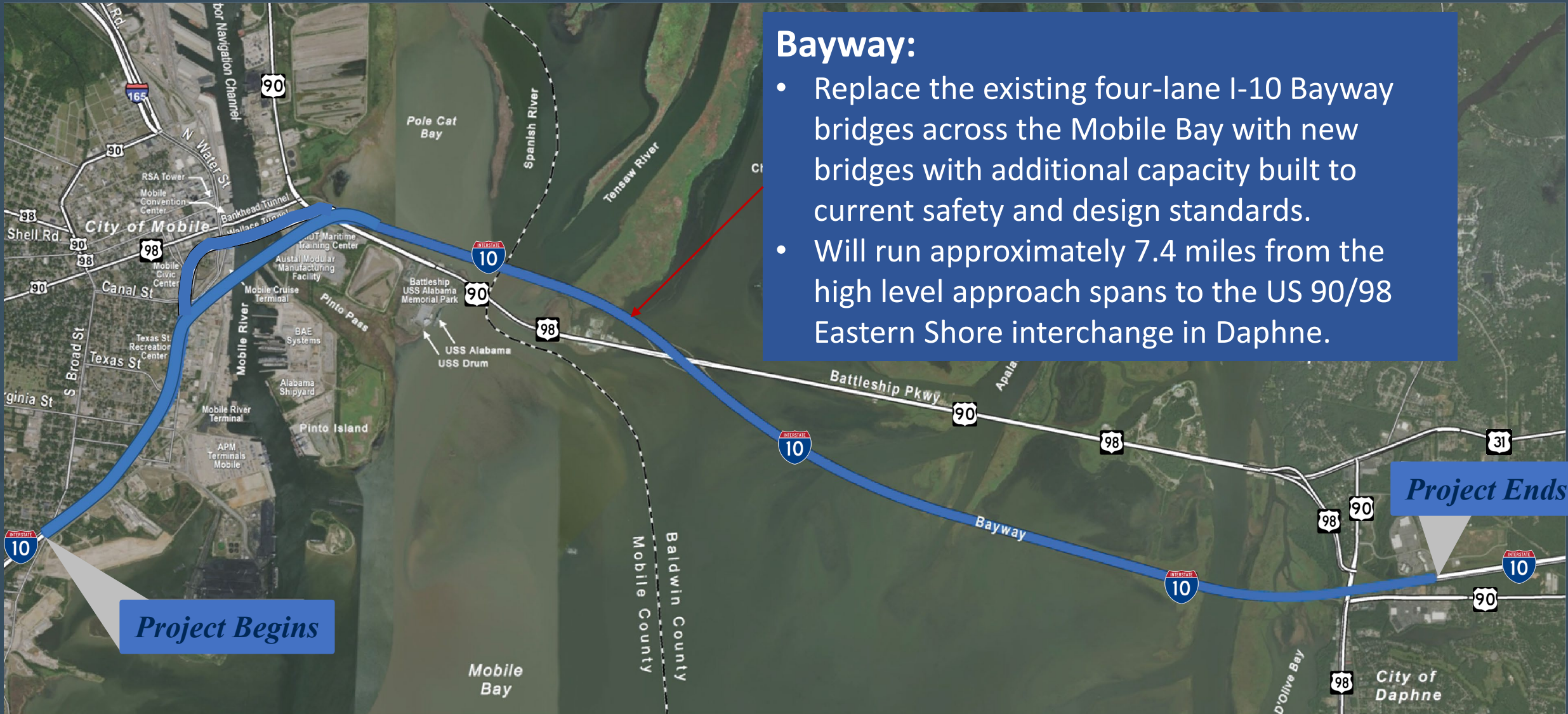
Project Begins

Project Ends

Base Design – Main Span



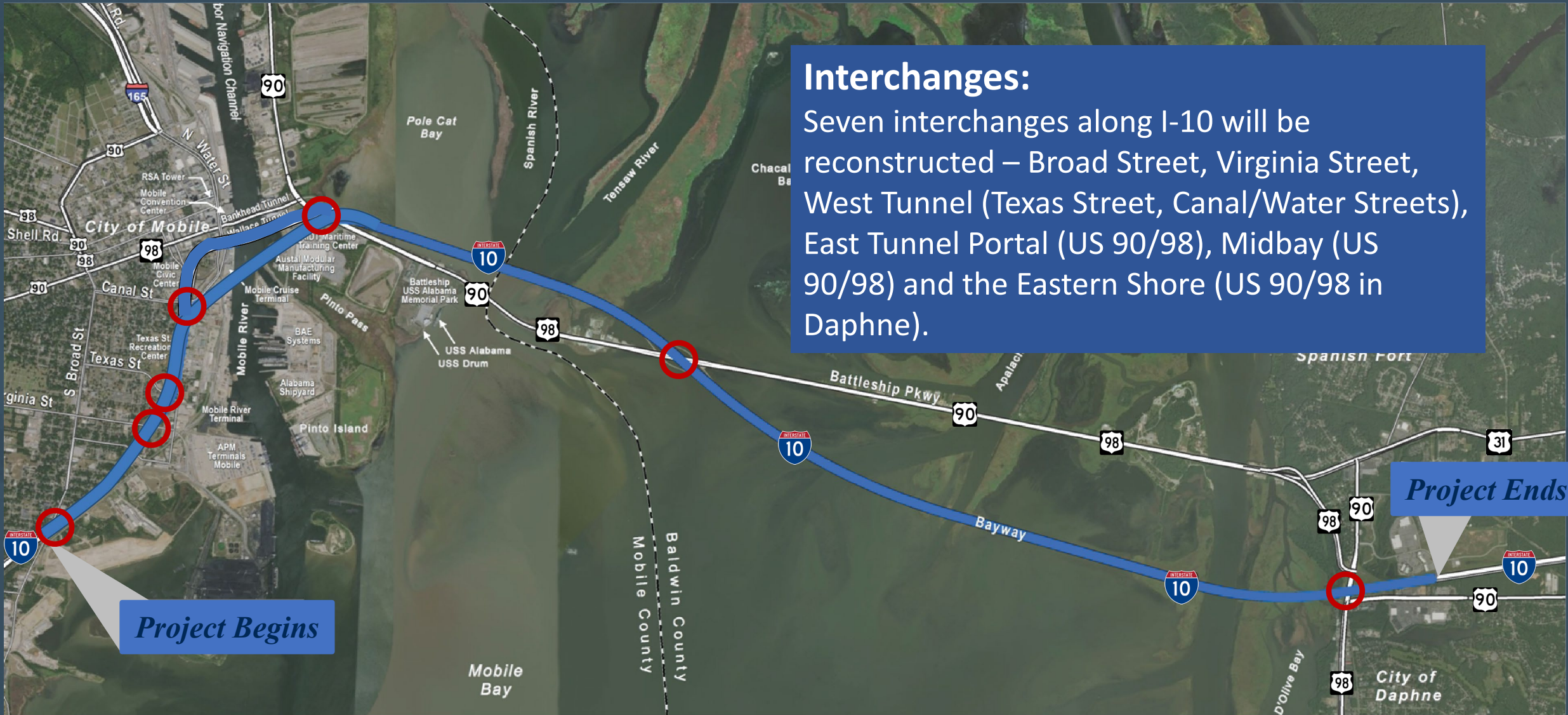
Base Design – Bayway



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.

Base Design - Interchanges

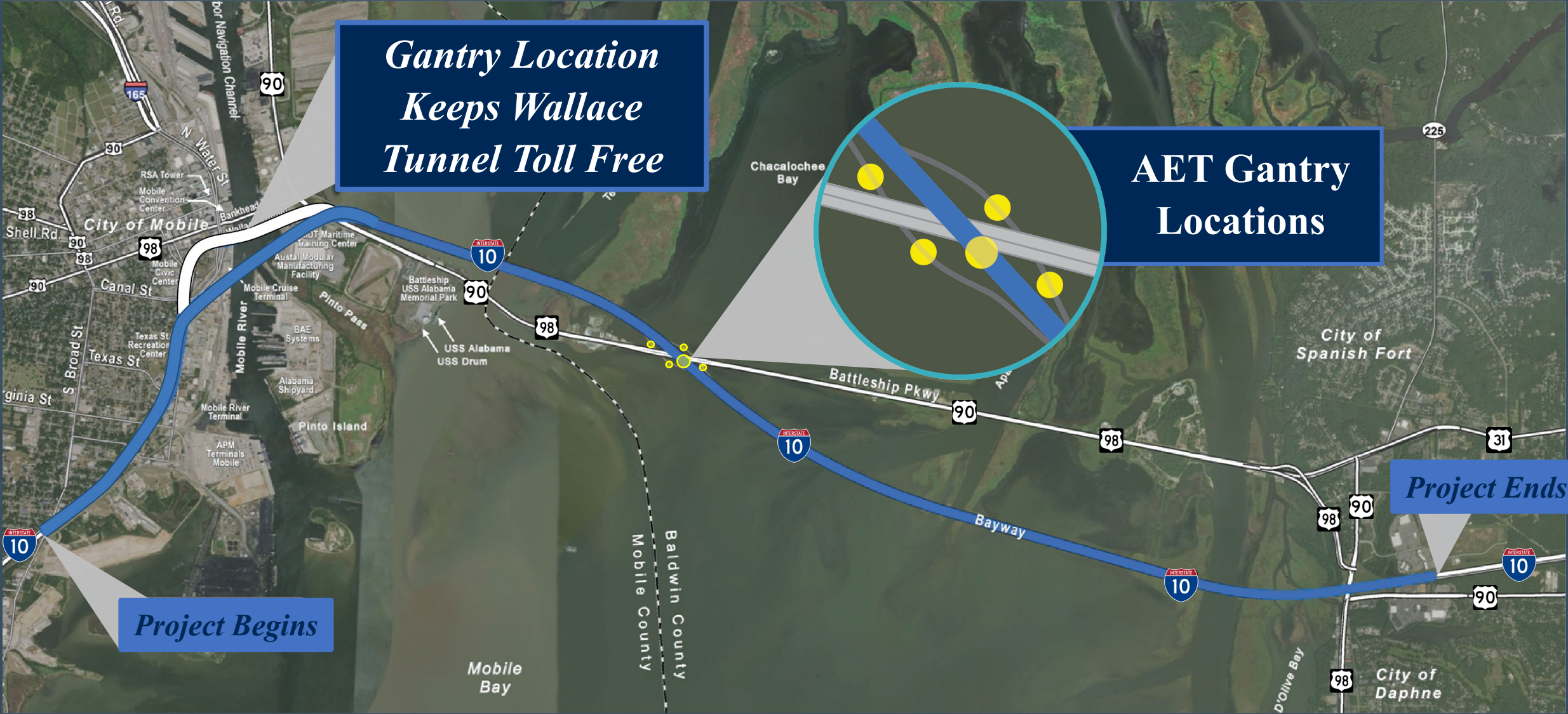


Proposed Plan

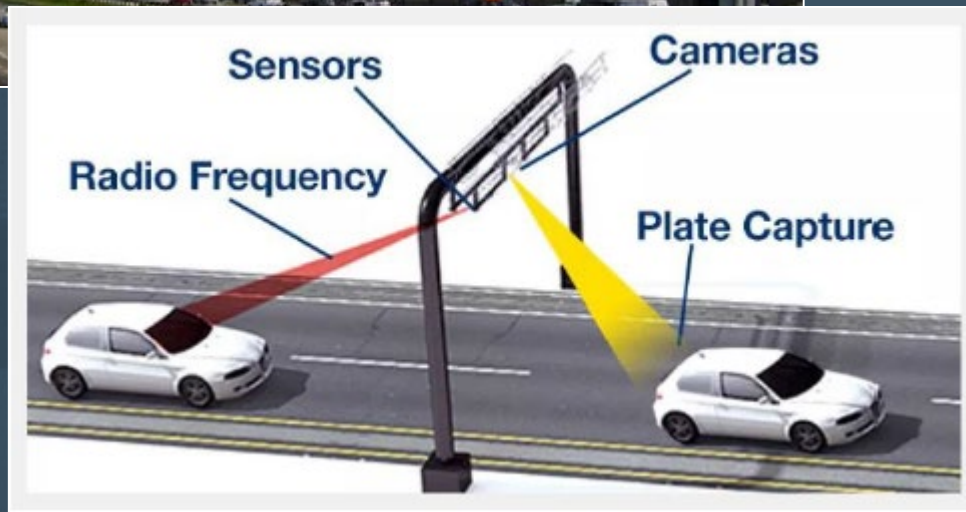
Based on the guidance from the MPOs, the proposed plan for the Mobile River Bridge and Bayway Project is:

- 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



Africatown Bridge

Bankhead Tunnel

Wallace Tunnel

No Toll Routes

Causeway

Project Begins

Project Ends

Free - No Toll Routes



Free –
No Toll
Routes

Wallace Tunnel -
Causeway
Connection



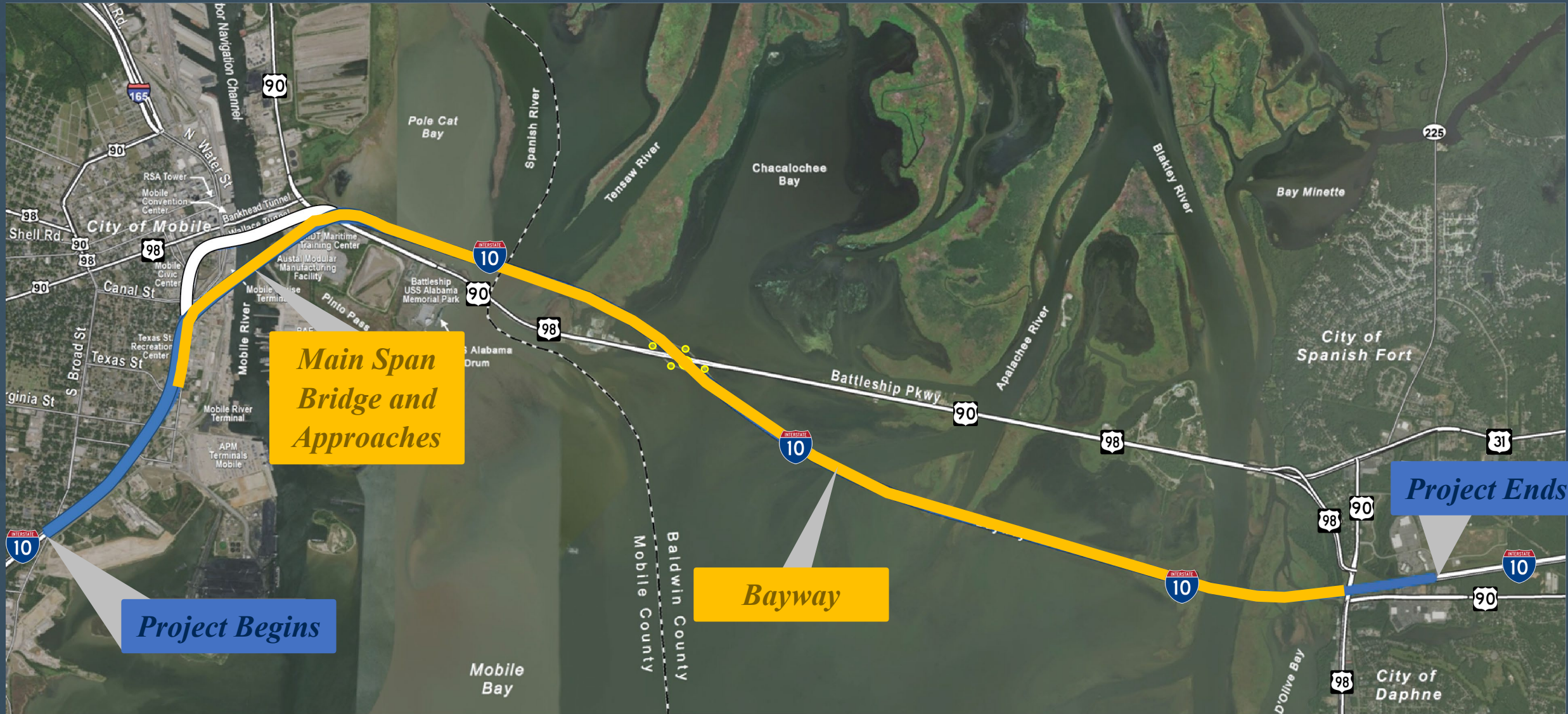
Conceptual

Free – No Toll Routes

Wallace Tunnel - Downtown Connection



Toll Route



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

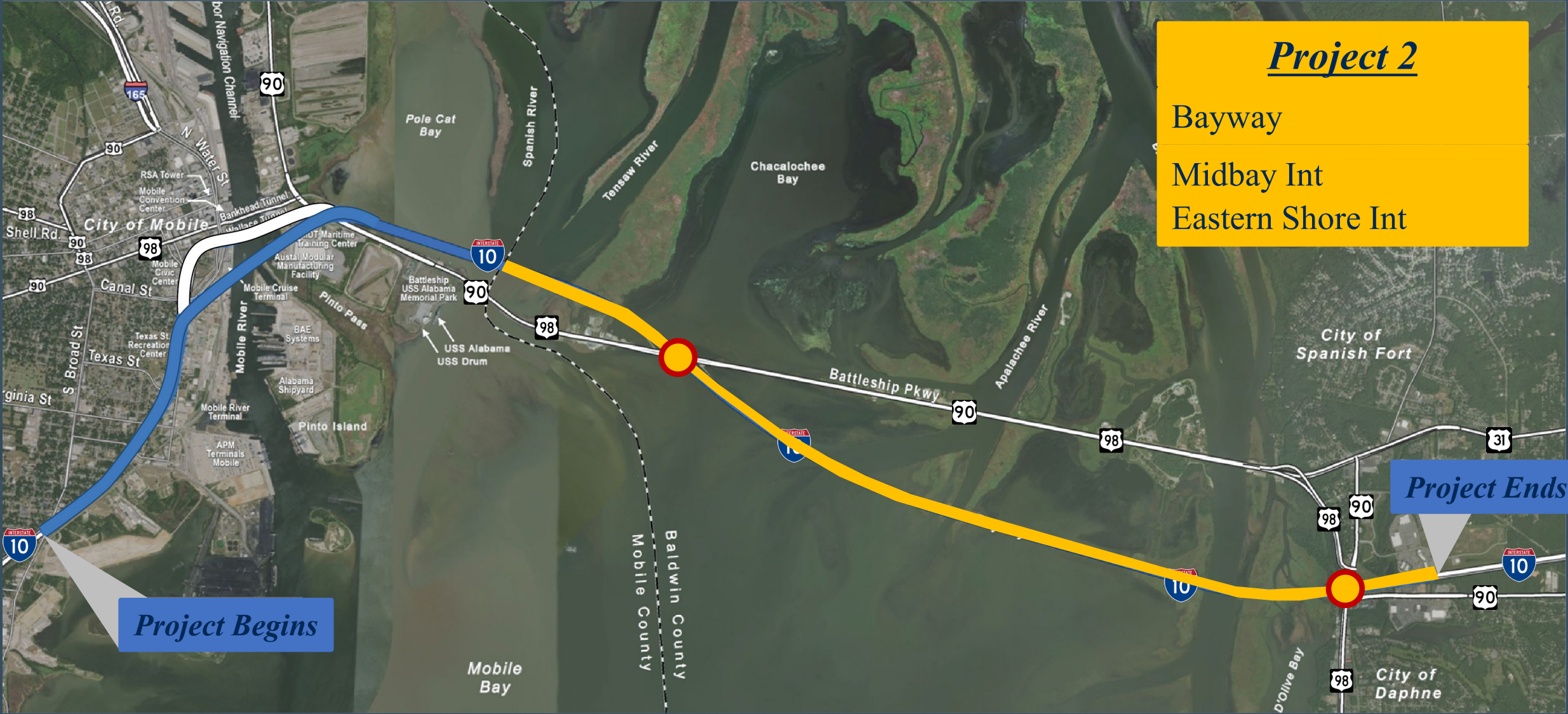
Benefits of two Progressive Design-Build Procurements:

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 2 - ESMPO



Project 2
Bayway
Midbay Int
Eastern Shore Int

Project Begins

Project Ends

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



Comments

Comment forms are available here at the meeting or you can go to the MPO's website at www.mobilempo.org and click the link circled below on the home page.

PUBLIC MEETING
ENVISION2045 Long Range Transportation Plan (LRTP) Amendment and 2020-2023 Transportation Improvement Program (TIP) Modification

The Alabama Department of Transportation (ALDOT) and the Mobile Metropolitan Planning Organization (MPO) will hold a public meeting to amend the 2045 LRTP and modify the 2020-2023 TIP to include the I-10 Mobile River Bridge and Bayway Project; and additional lanes on I-65 from SR-158 to Celeste Road.

June 29th, 2022 from 4:00- 6:00PM
Building T (Training Building)
1701 I-65 West Service Road, North
Mobile, AL 36618

MPO Press Release [Here](#)

Please Review Draft Document [Here](#) and Comment [Here](#) by July 15, 2022.

Comment Form for the 2045 LRTP Amendment

Please complete the comment form below for the Mobile Metropolitan Planning Organization's 2045 Long Range Transportation Plan (LRTP) Amendment.

Projects Included in this amendment include:

1. The I-10 Mobile River Bridge and Bayway Project
2. The I-65 Widening Project From SR 158 to Celeste Road

Thank you.

First Name*

Last Name*
Comment

1000

Submit

Thank you

