

123BIM Helps Communicate 'The Loop' Vision at Public Meeting



Project Owner: Florida Department of Transportation, D3

Location: Panama City, FL - S.R. 75 (US 231) from U.S. 98 (15TH Street) to North of Pipeline Road, Bay County

The intent of these projects was to widen 5.5 miles of US 231 from four to six lanes with bike lanes, sidewalks and drainage improvements. Approximately 1.6 miles from US 98 (15th Street) to north of SR 368 (23rd Street), includes adding flyover ramps on U.S. 98 at the intersection of US 231 and on SR 77 (Martin Luther King, Jr. Boulevard) over US 231. Martin Luther King, Jr. Boulevard will be widened from four to six lanes from East 23rd Street to 15th Street. It will bridge over US 231 and the Bay Line Railroad. Additionally, approximately 3.9 miles, from north of 23rd Street to north of Pipeline Road, include features such as widening SR 389 (East Avenue) from Sherman Avenue to Baldwin Road and Transmitter Road from C Street to Brooke Lane from two to four lanes. A new six lane bridge will be built over Mill Bayou.

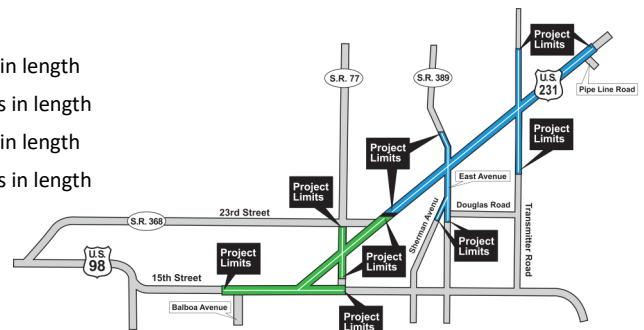
Background Time was short, the solution complex and both the Transportation Planning Organization (TPO) and stakeholder approval was critical to keeping the project on track. Real Image Solutions and 123BIM were added to the team to provide rapid and interactive visualization that would show how the Loop would soften up the concrete structure, and to illustrate how infrastructure can create usable and beautiful public spaces.

123BIM schedule of events:

- ⇒ Initially contacted Dec 12th 2020
- ⇒ Discovery meetings Dec 13th and 14th
- ⇒ Proposal submitted Dec 16th
- ⇒ NTP Dec 17th
- ⇒ Project Draft Delivered for Review Jan 14th
- ⇒ Final Delivery Jan 29th
- ⇒ TPO Meeting Feb 5th

Project Area:

- ◇ US 98 corridor is 1.5 miles in length
- ◇ US 231 corridor is 5.5 miles in length
- ◇ US 77 corridor is 1.3 miles in length
- ◇ US 389 corridor is 1.2 miles in length



Result:

- ✓ Notice to Proceed was established within 5 days of initial email and phone communications.
- ✓ Although the design was near 90%, there was limited design data available for the new Loop. However, with our rapid proprietary modelling tools coupled with our transportation design experience, we were able to quickly build the model for 1st review within a few weeks.
- ✓ FDOT D3 and Atkins were able to successfully communicate a complex solution, to the TPO and Stakeholder Public in one meeting.



Existing US 231, 75 & 98 Intersection before the 'proposed' Loop

US 231 Corridor Vision




U.S. 231 Widening Virtual Tour

S.R. 75 (U.S. 231) from U.S. 98 (15th Street) to north of Pipeline Road, Bay County

Use your Smartphone or Tablets Camera or App to Scan the QR code for a 123BIM interactive Virtual Tour, or type address <https://vtour.123bim.com/AALC/>





Click the Mask Icon to switch to VR 

As Smartphones and Tablets vary, you may need to:

Troubleshooting for iPhone:

1. Settings
2. Safari
3. Turn on Motion & Orientation Access

Troubleshooting for Android:

1. Hold home screen button & select 
2. Next, select Google Lens icon 
3. Use Google Lens to point and scan QR Code to be taken to the Virtual Tour

FDOT presenting the US 231 capacity project with flyovers using 123BIM Virtual Tour on SmartScreens

“The model went so much further than anything we could say when it came to conveying the merits of this complex project to the public.”

Jessica Golema, PE
Senior Engineer II, Transportation
Atkins North America

Take the Virtual Tour

Scan this QR code with your phone or tablet, or browse to <http://vtour.123bim.com/AALC/> to take the interactive Virtual Tour



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