

# 123BIM IN FLORIDA

Rapid, Effective and Always Accessible



In 2018 Real Image Solutions (RIS) introduced RDV Systems' 123BIM visualization solutions to Florida transportation agencies, engineering firms and communication teams across Florida, and showed them how to implement 123BIM into the workflow of FDOT and CFX. Two years after receiving its official FDOT service provider credentials, RIS continues to develop, promote and deliver 123BIM solutions for stakeholder and public information meetings (both virtual and face to face), and for remote project collaboration as a conference room substitute.

## Stakeholder Approval Level: Critical

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

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 would need to quickly provide interactive visualization that would show how the Loop would "soften up" the aesthetics of the concrete structure, and to demonstrate how infrastructure can create usable and beautiful public spaces.

Although the design for the original facility was near 90% complete, there was limited design data available for the proposed last-minute 'Loop' concept. However, RDV's proprietary modeling tools, coupled with their transportation design experience, allowed for building the model quickly for the first review only weeks away. Using 123BIM, District 3 was able to successfully communicate a complex solution to the TPO and stakeholder public in one meeting.

## When You Can't Afford to be Misunderstood

Engineering designs are complex and rely on years of education and professional certification to become the roads and bridges we safely drive on. However, communicating the complexities of engineering designs to public stakeholders typically creates more questions than answers, resulting in significant staff hours and money to create one-and-done visual aids.

*"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, Atkins North America

## Virtual Tour

Scan the QR code with your smartphone or tablet for a 123BIM interactive Virtual Tour.



Or use this URL:  
<https://vtour.123bim.com/AALC>

Thanks to 123BIM, the traditional need to re-render is replaced with ability to publish 3D virtual models to the cloud from the CAD application. Once published, multiple output options are available at no additional cost. Agencies experience the benefits of rapid model creation and visual outputs, such as fly-through videos, in minutes rather than days and weeks. The unique VirtualTour provides additional value for the marketing workflow, as the QR code and link will always remain current and reflect dynamic updates as and when the model changes.

## The Partnership

While each project presents unique challenges, the RIS/RDV partnership succeeds in rapidly delivering high-quality visualization solutions every time. RIS has proved the reliability of the virtual model and of the fast turnaround time for each new project, and clients don't need to spend resources or effort learning a new system and delivery mechanism every time. The convenient 123BIM platform allows for streamlined integration into your workflow and for ongoing changes and updates to project design and scope, all in a cloud-based environment. With nothing to download or install, 123BIM allows for clear and effective communication, which now more than ever is perfect for the current social distancing environment.

## 123BIM Features & Output Options

1. Rendering
2. Videos / 360 Videos
3. Virtual Reality (VR)
4. Realtime Design Compare / Contrast
5. VirtualTour
6. Cloud based
7. Realtime Updateable
8. Interactive & Immersive

## Projects Types

|                                     |   |
|-------------------------------------|---|
| Access Management                   | Pedestrian Safety                         |
| Vissim traffic study                | Highway Widening and restriping           |
| TPO and stakeholder design approval | PSA videos for complex interstate designs |
| Design-build pursuits               | New interchange connectivity              |
| Continuous Flow Intersections       | Diverging Diamond Interchange             |
| Roundabouts                         | New Rail Routs                            |

## 123BIM Projects Delivered

| I-4 Ultimate | I-4 Beyond The Ultimate | FDOT D1 | FDOT D3 | FDOT D5 | CFX | Pursuits |
|--------------|-------------------------|---------|---------|---------|-----|----------|
| 7            | 3                       | 1       | 5       | 2       | 2   | 3        |

## Other 123BIM Activities in Florida

| Project Updates | Current Projects | GEC's | CSC's | Team Wins |
|-----------------|------------------|-------|-------|-----------|
| 3               | 5                | 1     | 3     | 7         |



### RDV Systems

When you can't afford to be misunderstood!

### Contact Us Today

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