

A1A North Bridge project progresses steadily

Bridge construction continues to take shape as workers coordinate

Jan 22, 2025 By John Biondo



Though the new A1A North Bridge may seem like it's taking longer than expected, but significant progress is being made daily. Since the foundation pylons were put in place, major changes are visible, signaling the scale and complexity of the project.

This massive undertaking involves countless workers, all collaborating to produce the materials needed for each part of the bridge. However, the bridge is only one piece of a much larger project, which includes steel beams, massive ironwork for internal cement structures, altered roadways, and the construction of incline roadways leading to the bridge on both ends.

The project is a giant puzzle, with precise measurements required to ensure each piece fits perfectly. As the largest state-run project in the Treasure Coast, the A1A North Bridge is a key component of the area's infrastructure improvements.

Once completed, as previously reported, the bridge will feature a large observation deck beneath the west end, accessible via modern, wide walkways on both sides. Pedestrians will be able to cross from north to south without interacting with traffic, as the bridge will span the space between the river and US-1. Old Dixie and railroad tracks will pass underneath, with trains traveling north and south. The finished bridge will be a beautiful, modern structure capable of handling heavy traffic with ease.

Fort Pierce north bridge project progresses

Construction moving forward with 80-foot clearance, MSE walls

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On the west end of the bridge project, the MSE (Mechanically Stabilized Earth) retaining wall is being filled with sand for the on-ramp of the bridge.



Rebar is placed around the pilings (the 30"x30" concrete pillars).

The Fort Pierce north bridge project is advancing quickly, with major progress being made toward completion.

Sonny Greene, general superintendent for Vecellio & Grogan, the company contracted to build the bridge, said the new structure will feature an 80-foot clearance above the water and will consist of 26 spans and 27 concrete foundations.

The bridge is expected to be finished in early 2026.

Once complete, Vecellio & Grogan will dismantle the old drawbridge, a process that will also take time.

Greene noted that 50 employees from the Tampa-based company, including himself, are working on the project daily, along with eight contracted companies.

Some of the contractors are focused on constructing the MSE (Mechanically Stabilized Earth) retaining walls at each end of the bridge, which will serve as on-ramps for traffic.

At the eastern end, workers are expanding the area near Old Dixie Road and A1A to prepare for the foundations.

The scale of equipment being used is substantial, with eight cranes operating regularly, though one is currently under repair.

On the western end, the large MSE retaining walls are already visible from the road.

Watch for updates.

