



**Take the rail
safety pledge**

BrightlineSafety.com

A photograph of a Brightline high-speed train traveling on an elevated concrete track through a city. The train is white with green and yellow accents and features the Brightline logo and website. In the background, there are several modern high-rise buildings, including a prominent one with a blue-tinted glass facade. The sky is a clear, bright blue.

brightline[®]

RICC - Brightline Safety Update

Katie Mitzner

January 18, 2023

Orlando Extension

\$4.5B

construction cost
Florida system

90%

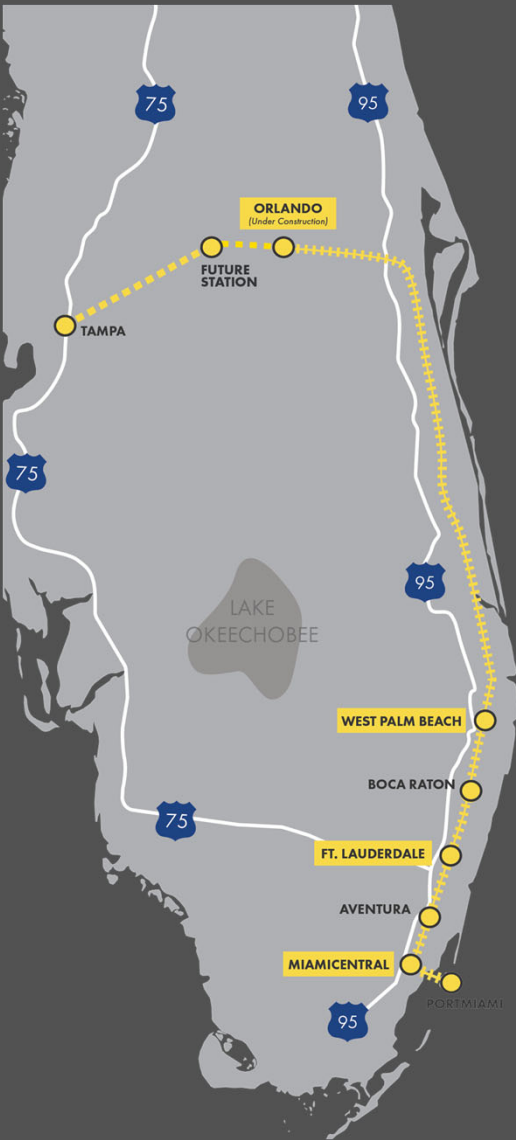
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7 M +

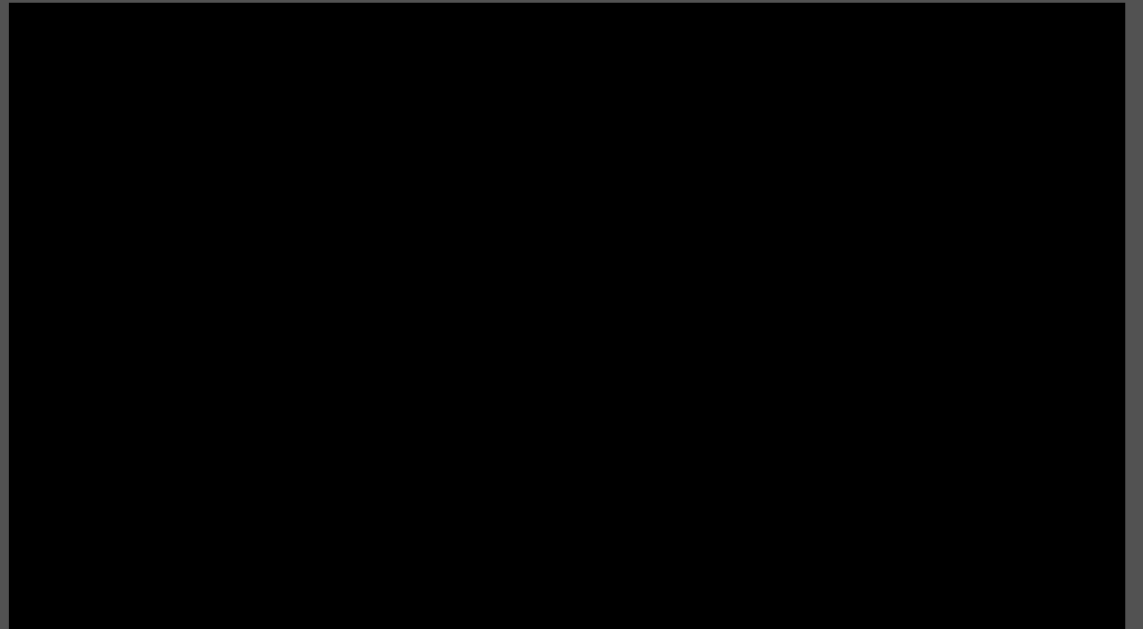
construction-hours
worked to date

800+

workers on the job



FIRST LOOK
Brightline
Orlando
Station



SPACE COAST UPDATE

- Melbourne Ave. reopening
- Prospect Ave. reopening
- Overnight closures I-95/SR 528

RR CROSSINGS – safety improvements

- **155 RR crossings between West Palm & Cocoa**
****50 in Brevard County**
- **All crossings upgraded to meet standards set by FRA and FDOT**
 - New roadway profiles (double track +)
 - New gate mechanisms
 - Auxiliary flasher lights
 - Enhanced signage, signals, and pavement markings
 - FRA sealed corridors where speeds exceed 79 mph
 - New sidewalks & curbs & pedestrian gates
 - Quiet zone compatible
 - Positive Train Control (PTC)



HIGH SPEED TESTING

- **TIMELINE:**

- **Summer 2022 – 79 mph began** in southern Brevard County
- **October 2022 – first 110 mph testing EVER began** in Martin/St. Lucie Counties
- **November 2022 – 79 mph began** through northern Brevard County
- **Early February 2023 – 125 mph** in corridor along SR 528 (between Orlando International and Cocoa)
- **April 2023 – 110 mph** through Melbourne, Rockledge and Cocoa (Suntree to Rosa L. Jones)

Orlando Sentinel LOCAL & STATE

Blazing into history

Brightline to test at 110 mph, likely Florida's fastest train ever

By Kevin Spear
Orlando Sentinel

Brightline's unfolding expansion from Miami to Orlando will enter a testing phase this month with trains expected to reach speeds likely never seen in Florida.

Test runs will occur along newly refurbished track in Martin and St. Lucie counties, with Brightline's California-made train sets scheduled to hit 110 mph, which is to be the operational speed when service begins next year.

When asked if that speed will be the fastest ever by a train in Flor-

ida — or whether Henry Flagler's locomotives or Amtrak's passenger service or any other train was ever speedier — Brightline would not address whether it is about to make history.

It's unlikely the company hasn't thought about the record books, having invested \$5 billion to link Miami and Orlando with service faster than driving and less odious than flying.

The Miami-based, privately owned railroad went silent on speed records and pivoted to safety messaging.

"The start of 110-mph testing

is an important milestone for the future of train travel in Florida and across the U.S.," spokesperson Katie Mitzner said.

"If the crossing arms are down, don't drive around them," Mitzner said. "Never stop on the tracks and only cross tracks at a designated railroad crossing. Failure to follow the law could result in fines, points on your license or your life."

Brightline and state and federal railroad officials have sought to stem a relatively high rate of accidents and deaths between



A Brightline train is parked at the train station at Orlando International Airport on Sept. 6. COURTESY



Space Coast Update

- **50 railroad crossings**

New profiles, gates, signals, sidewalks
quad gates, medians, drainage

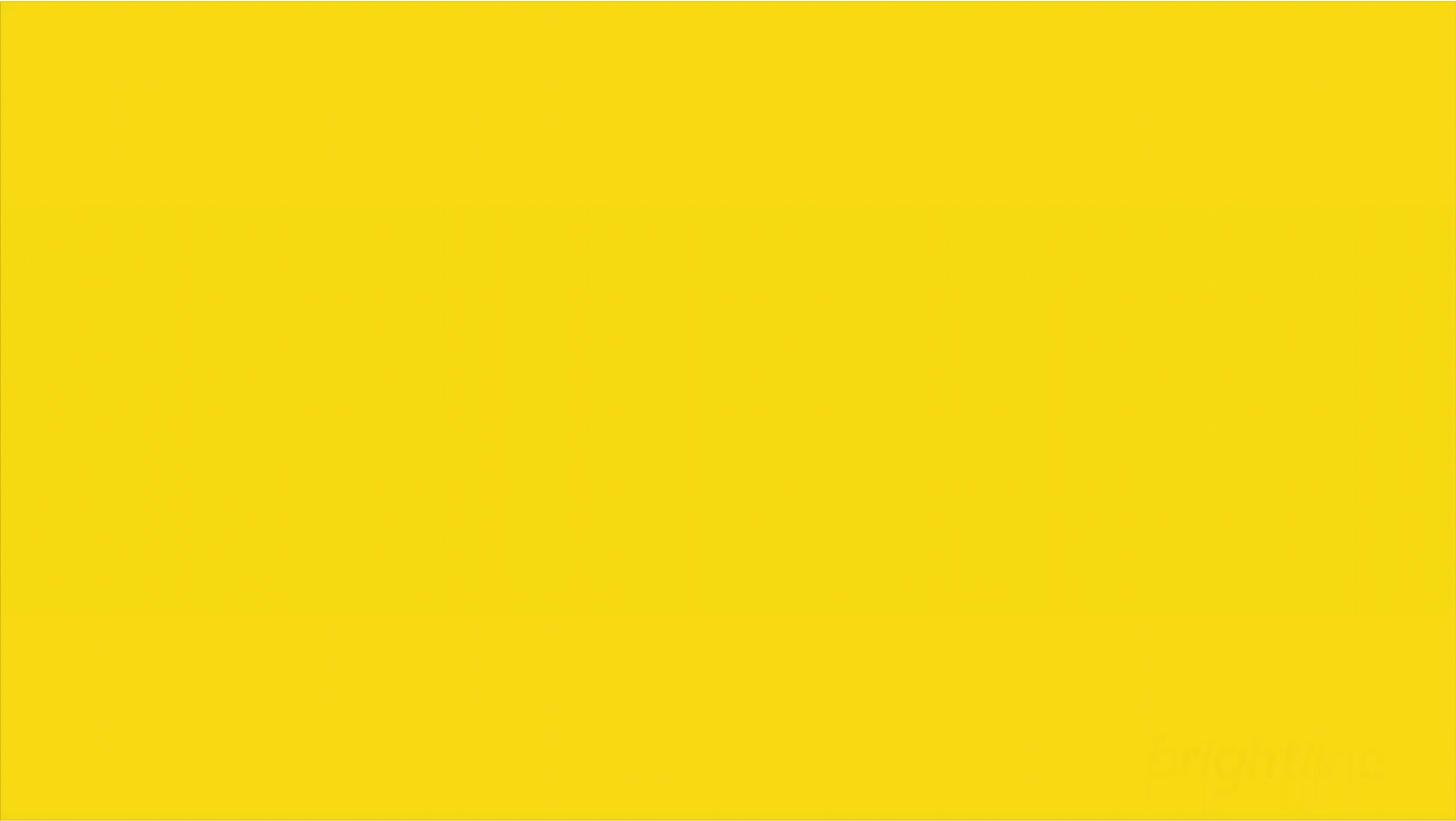
- Lake Washington Rd. – 1/21-2/10
- Eau Gallie Blvd. – 2/17-2/27
- Prospect Ave. – TBD

- **Bridges – 90% complete**

Double tracking, new structures,
improved clearances and boat spans



RailPictures.net - image Copyright John Dougray





RAISE Grant

- FDOT was awarded a \$25 million federal RAISE Grant to enhance safety between Miami-Dade and Brevard counties
- Brightline is a partner; both Brightline and FDOT will each contribute \$10 million
- **Safety mitigations aim to reduce the two primary types of accidents: vehicle collisions and trespasser strikes**
- **The supplemental safety measures to be installed include:**
 - Rail Dynamic Envelopes
 - Delineators, Raised Pavement Markers, and Edge Striping
 - Fencing and/or Landscaping
 - "Do Not Stop on Tracks" and Crisis Support Signage

Safety Outreach

- **THREE-FOLD**
 - Engineering
 - Enforcement
 - Education
- How you can help:
 - Safety Messages
 - Social Media
 - Flyers
 - Text Alert Updates

TEXT "RR110" to 888-384-0037

**ALERT: BRIGHTLINE
TO START TESTING AT 110 MPH**



Brevard County

brightline



Brightline Public Safety Announcement- 60 Seconds



Watch later



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Brightline Trains





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