

**brightline**



Michael Capella
Orange County Board of Commissioners
February 23, 2021

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Our Company

The only major privately held express passenger rail business in the U.S.



COMPANY GOAL IS TO CONNECT CITY PAIRS THAT ARE "TOO LONG TO DRIVE AND TOO SHORT TO FLY"

Currently operating in South Florida with an expansion to Orlando under construction
Future planned expansions to Denver, Chicago and Tampa
Expansion project connecting Los Angeles and Southern California set to break ground in 2021

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The Benefits

Building Efficient Mobility Systems

As urban life evolves and the demand for smarter, more efficient cities becomes higher, mobility networks like Brightline and SunRail play a key role in the long-term prosperity of the cities it serves. Some of the benefits the service brings to these communities include:

 Private investment into state and local infrastructure	 New & expanded job markets	 Greater connectivity in economic centers – improved social equality	 Increased rent-value value through transit-oriented development
 Less traffic on local roadways	 Reduction of carbon emissions	 Promotion of a car-pooling lifestyle	 Mitigation of urban sprawl

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Signature's Metro System

Connecting two of the largest and most congested markets in the nation

- Three completed & operational stations:
 - West Central, West Ivesdale and West Palm Beach
- Two additional in-line stations under construction:
 - Aventura and Boca Raton
- Orlando extension and station under construction:
 - Orlando International Airport
- Engineering underway for extension to Tampa

\$2.7B Investment
47% complete
2.6mm man-hours worked to date
1000+ workers on the job



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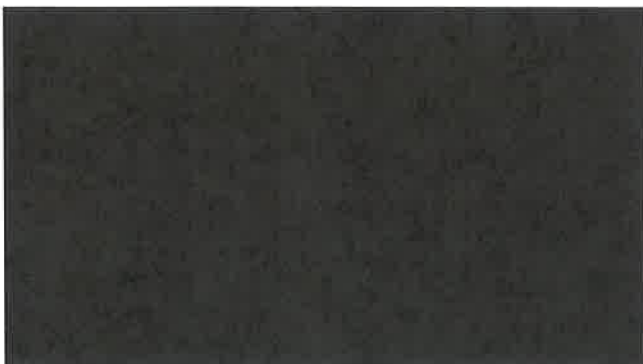
Orlando Suburban

Orlando Construction Update

170 miles (West Palm Beach to Orlando International Airport)
 Break ground, June 2019
 Currently 47% completed, final completion on track for Q4 2022, revenue service to begin in 2023







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Orlando Beltway

Zone 1 Vehicle Maintenance Facility

- Site work of 62 acres completed – Spring 2020
- Building construction began – June 2020



Zone 2 Orlando International Airport

- Clearing complete
- Embankment along Jeff Fuqua Blvd 100% complete
- Cargo Rd. underpass underway
- Cargo Rd. interchange improvement underway



7
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Orlando Extension

Zone 3 OIA to Cocoa

- 100% of corridor alignment cleared/gubbed
- 4.2M CY of rail earthwork excavated, 70% of rail embankment complete
- All 23 bridges are underway
- SR 528 shoofly rail traffic shift – June 2020
- Goldenrod Rd. box jack completed – September 2020
- SR 528 / US-1 box jack prep underway – March 2021




8
1



b Orlando Extension

Zone 4 – Cocoa to West Palm Beach

- Trackwork**
 - Clearing and grubbing
 - Rail grading, track installation and ballasting underway
 - Delivery of rail materials
- 155 Grade Crossings**
 - Safety upgrades, closures
 - Design revisions
- 29 Bridges**
 - Construction underway at 8 bridges
 - In 2021, work will begin on 21 additional bridges
- New Train Control System**
 - I-ETMS Positive Train Control




10

b Tampa Extension

Tampa Extension



PROJECT
Brightline was awarded the right to develop (lease agreements with FDOT and the Central Florida Expressway Authority for) connect Ocala and Tampa.

STATUS / TIMELINE
Brightline is in ongoing negotiations with GOAA, OUC, CTCF and FDOT/ITE.
In 2020, Brightline completed 15% design for OIA DS segment, including cost and optimization studies.
In 2020, Brightline executed LOI for Tampa station location in Ybor City.
In January 2021, Brightline commenced 30% engineering and design work for the proposed project and the environmental process (NEPA) began.
In February 2021, CTCF approved Resolution of Support to study SunRail expansion to OIA.

11

b Tampa Extension

Tampa Extension

One-Time (Construction period)	Recurring Annually (Following construction)
Total Impact: \$4.2 billion	Total Impact: \$153 million (annual average)
GDP: \$3.015 billion	GDP: \$44.3 million (annual average)
Jobs: 37,187 (job years)	Jobs: 1,304 (annual average)
Labor Inc: \$1.632 billion	Labor Inc: \$53.1 million (annual average)
Taxes: \$424 million	Taxes: \$20.2 million (annual average)

LONG TERM BENEFITS

- Generate economic impact at a time when Florida needs to rebound
- Provide greater access to OIA and key economic centers
- Provide a fast, productive, and stress-free linkage between our Florida urban centers
- Offer an escape route for residents and visitors looking to escape congestion

12

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SunRail Expansion

SunRail Phase 3 Resolution of Support - Joint Study

- Joint study between Brightline and CFRC related to SunRail's Phase 3 expansion to Orlando International Airport by way of the existing Meadow Woods station
- Study is part of Brightline's current environmental and engineering analysis of the Tampa extension route from CIA and will expand analysis to explore shared infrastructure with SunRail
- Study will prevent any need for a second NEPA analysis if SunRail wants to revisit Phase 3
- ROS does not obligate the CFRC or its partners to funding, nor does it obligate the CFRC or other entities to future action
- The ROS is not a financially binding agreement; it is an initial show of support to study the project

Questions the Study will Answer:

- How would **shared infrastructure** work? (service levels, transfers, train control system, dispatch, authority, etc.)
- NEPA** analysis
- Engineering and design** for alignment and airport stations
- Cost** estimate and route optimization
- SunRail system impact**
 - ridership
 - operations

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SunRail Expansion

SunRail Phase 3

A SunRail expansion to OIA has been long-contemplated and well studied and is part of multiple regional transportation plans - rail link to OIA has been under consideration since 2003.

FDOT's 2018 study shows ridership would increase by over 1.1M riders each year (before Brightline).

FDOT study shows it would provide affordable and efficient travel option for commuters, including 18,000 workers at Orlando International Airport.

Sharing infrastructure with Brightline makes sense, lowers costs for all parties.

Study has begun, joint meetings underway (Brightline, CFRC and FDOT).

Desire a conditional approval of the Infrastructure required by May1, enabling financial structuring and grant application



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Improving Mobility

GOAA Intermodal Terminal Facility



- The IF is part of OIA's \$3.5B Capital Improvement Program
- Houses Brightline's Orlando station
- 1.3M square feet of terminal space designed for 4 transportation connections (including 3 regional rail systems):
 - South Automated People Mover
 - Brightline Inter-city rail
 - SunRail commuter rail
 - Possible third system (light rail/maglev/BRT)
- IF completed in 2017 for an approximate cost of \$683.5M
- \$213.5M provided by FDOT

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Brightline Sustainability

- Greener, safer and faster transportation mode
- Most environmentally friendly diesel equipment in service
- 2019B Bonds will represent the Company's first offering of Green Bonds
- Estimated 75% reduction of CO2 emissions per passenger kilometer compared to travel by car
- Integrated "last mile, last mile" solutions – ride share, bike share, scooters

Orlando Station	Tampa Station
72,000 metric tons CO2 removed from air	38,000 metric tons CO2 removed from air

Sustainable Travel

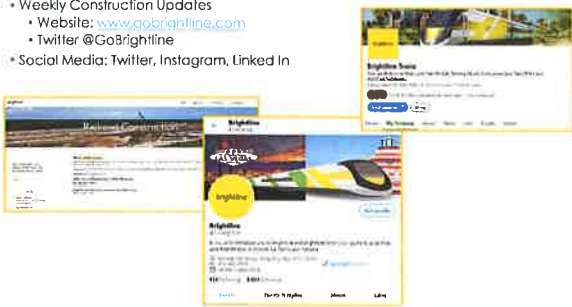


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Weekly Construction Updates

- Website: www.gobrightline.com
- Twitter @GoBrightline
- Social Media: Twitter, Instagram, Linked In

Public Outreach



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