

Regional Planning Council
Update November 2019



brightline

brightline

ON TRACK TO BECOME

Virgin
TRAINS USA

INTRODUCING

Virgin

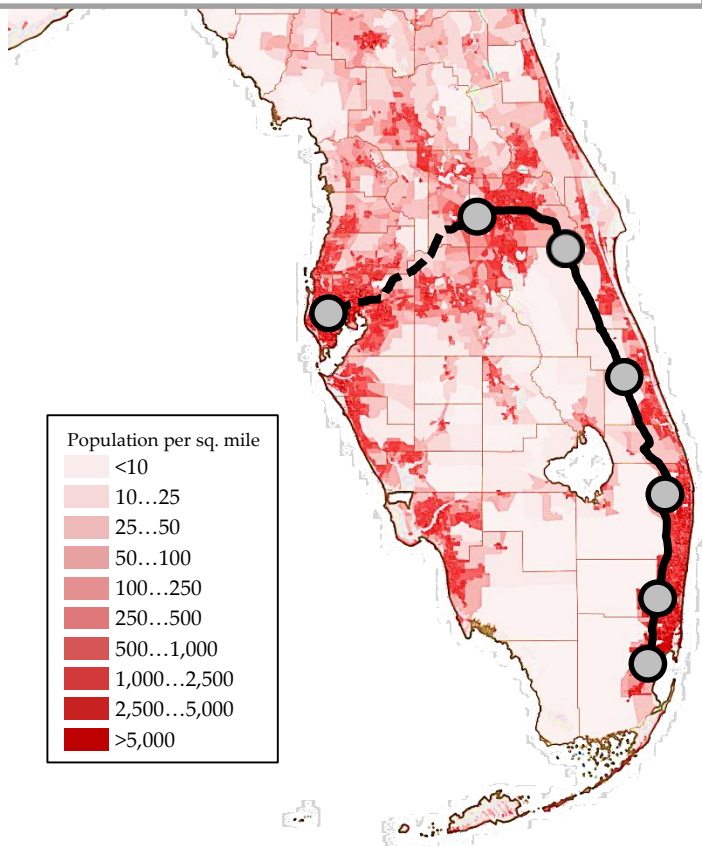
TRAINS USA



21st Century Passenger Travel in One of the Nation's Largest Markets

Massive travel market with 390 million trips taken annually

Corridor adjacent to 70% of state's 20 million residents



20 million residents

- 1** – *3rd largest state in the U.S. and one of the fastest growing*

126 million annual visitors

- 2** – *Orlando #1 travel destination in the U.S.*

Home to top 3 largest cruise ports in the world

- 3** – *PortMiami, Port Everglades, Port Canaveral*

Gateway to Latin America

- 4** – *11mm international arrivals into Miami annually*

Our Current South Florida System

- Started construction in late 2014, completed late 2017, invested \$1.6bn to date
- Commenced operations in January 2018, opened Miami station in May 2018
- Executed a trademark and licensing agreement with Virgin Group and currently rebranding to Virgin Trains USA
- Operating hourly service along 67 mile corridor with stops in Miami, Fort Lauderdale and West Palm Beach

Carried 701,601 passengers Jan - Sept 2019

State-Of-The-Art Train Sets



MiamiCentral Station



MiamiCentral Departure Lounge



Stations in Core Downtowns, Linked to Multiple Transit Options

MiamiCentral Station

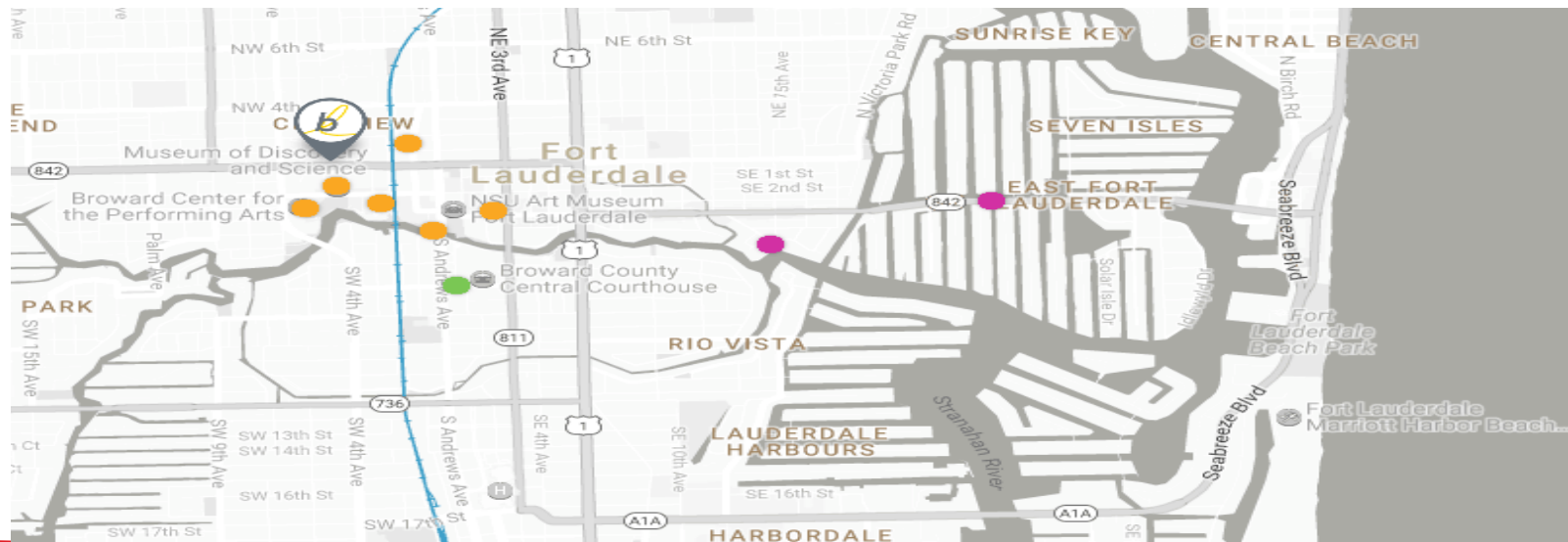
— Virgin Trains USA — Tri-Rail ● Tri-Rail Station
— Metromover ● Metromover Station — Metrorail ● Metrorail Station



- 1** *Within five block radius of Miami's Largest Destinations*
- 2** *Connecting three transit systems today collectively moving over 30 million people each year, and planned future connectivity to Tri-Rail*
- 3** *130,000 sq. ft. of retail, shopping and dining*
- 4** *Fully integrated with first/last mile travel solutions – formed strategic partnership with Lyft for seamless pick-up/drop-off*



Fort Lauderdale



West Palm Beach



Exploring Additional Stations

Port Miami

Aventura

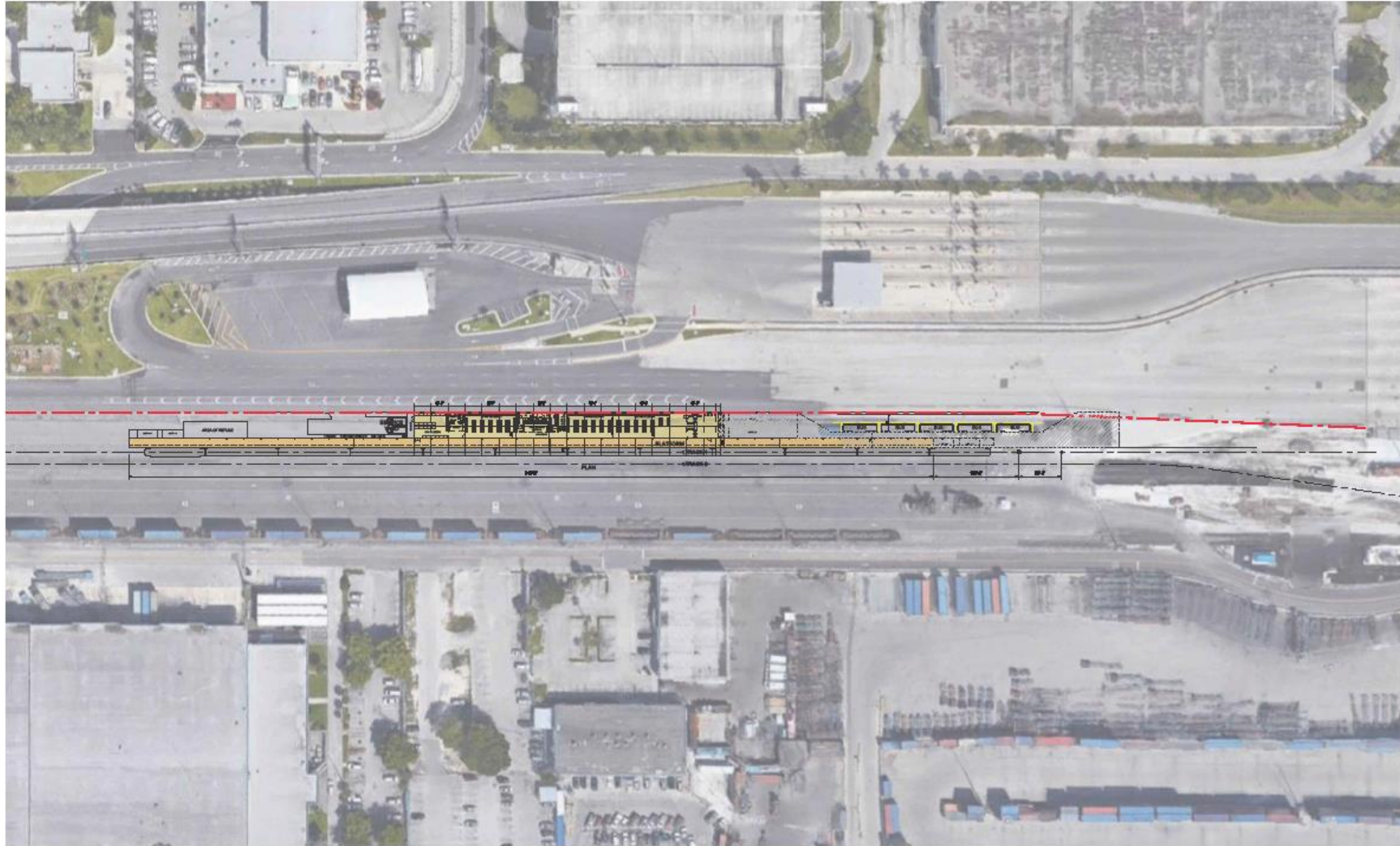
Boca Raton

Treasure Coast

Space Coast



Port Miami



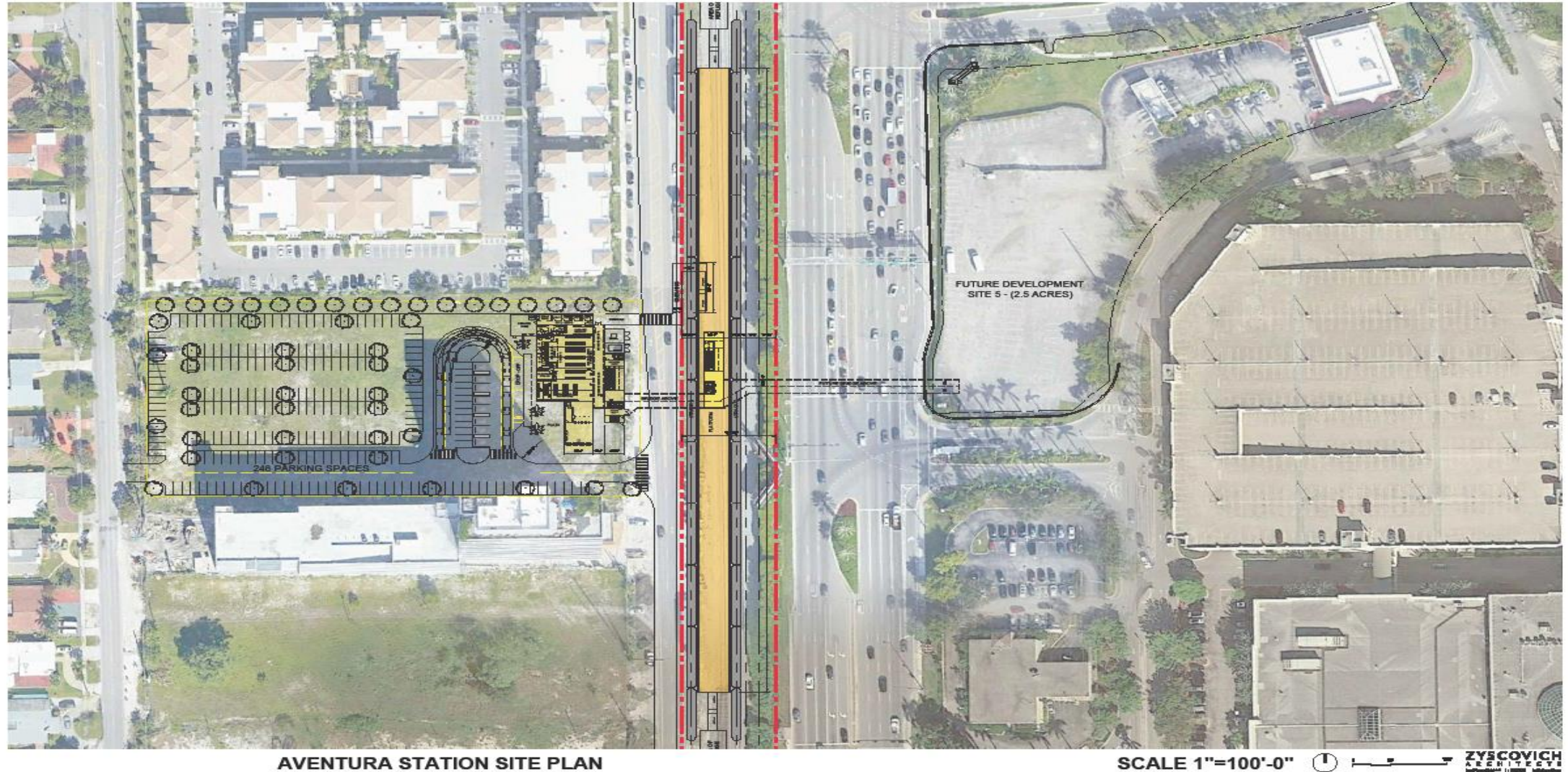
STATION PLAN - PORT MIAMI STATION - OPTION 8

SCALE 1"=100'-0"



ZYSCOVICH
ARCHITECTS

Aventura Station



AVENTURA STATION SITE PLAN

SCALE 1"=100'-0"   ZYSOVICH ASSOCIATES

Aventura Station



Aventura Station



Boca Raton



Boca Raton



Boca Raton



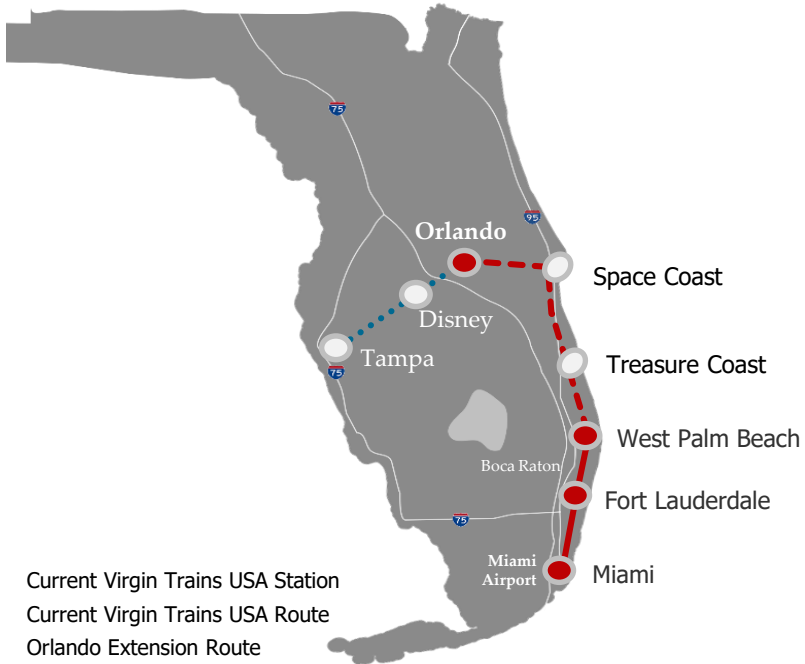
Boca Raton







Extending Virgin Trains USA from South Florida to Orlando

- Financing package for Phase 2 complete
- Construction contracts for Orlando extension have been awarded; all material approvals obtained
- Orlando station already built and negotiations underway to connect station to Disney
- Space Coast / Treasure Coast Stations site selection process ramping up

**3rd largest state in the U.S. – 20 million residents
– 126 million visitors each year**



 Current Virgin Trains USA Station
 Current Virgin Trains USA Route
 Orlando Extension Route
 Future Virgin Trains USA Route



One of the nation’s largest and most congested travel markets – 390 million trips annually



Built on existing transportation corridors = straightforward construction



OIA Intermodal Terminal Facility is a new model for US Airports



Modern, high-speed, fuel-efficient trains; 100% Made in America



Transforming from Brightline to Virgin Trains USA in new strategic partnership

Phase Two – 170 Miles of New Track



2.35 Million Tons of Granite & Limestone



225 Million Pounds of Steel / **2 Million** Spikes & Bolts



440,000 Concrete Ties / **30,000** Timber Ties / **20,000** Steel Ties



20,000 Railcars Transporting Rock and materials



10,000+ Construction Jobs / **\$2.4 Billion** in Labor Income

FRA “Sealed Corridor” Guidelines for speeds 80mph – 110mph

- 4 - Quad Gates – Center Medians
- Vehicle Presence Detection
- Traffic Signal Preemption
- Improved roadway signage, signals, and pavement markings
- Sidewalks / Pedestrian Gates
- Positive Train Control (PTC)
- Health Monitoring of Crossing Signal Systems
- Quiet zone compatible



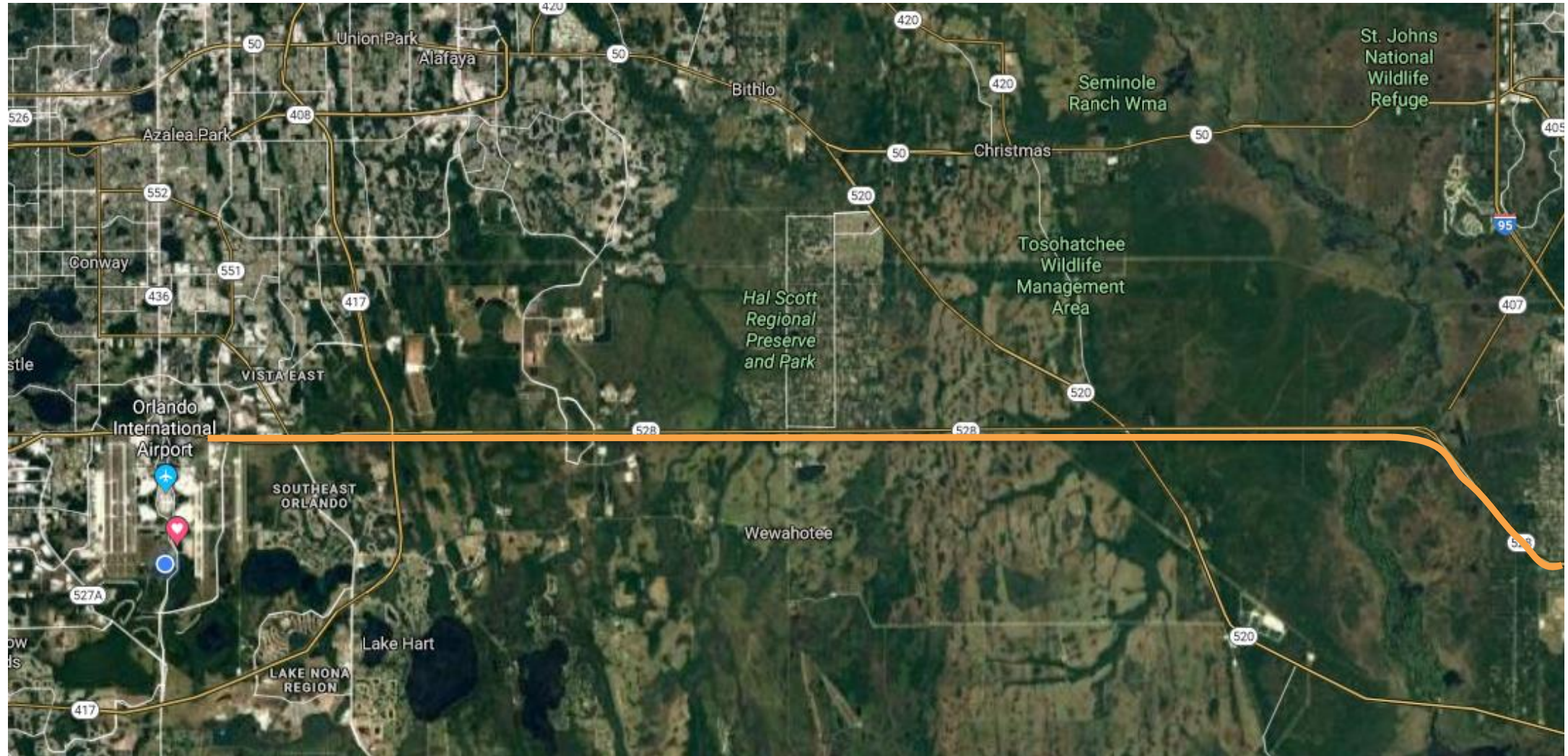
Work within Railway Right-of-Way

Fiber Optic
Clear and Grub
Earthwork

Track Construction
Signals



Extension – To Orlando



Zone 1



Clearing at the Vehicle Maintenance Facility

Zone 2



Clearing and Grubbing

Zone 2



Embankment Construction

Zone 2



Clearing and Grubbing

Zone 3



Clearing at Route 417 & Route 528

Zone 3



Clearing at Route 1



Deseret Borrow Pit

Zone 4



Rail Delivery

Zone 4



Unloading Rails

Zone 4



Rail Ties Delivery



Rail Delivery

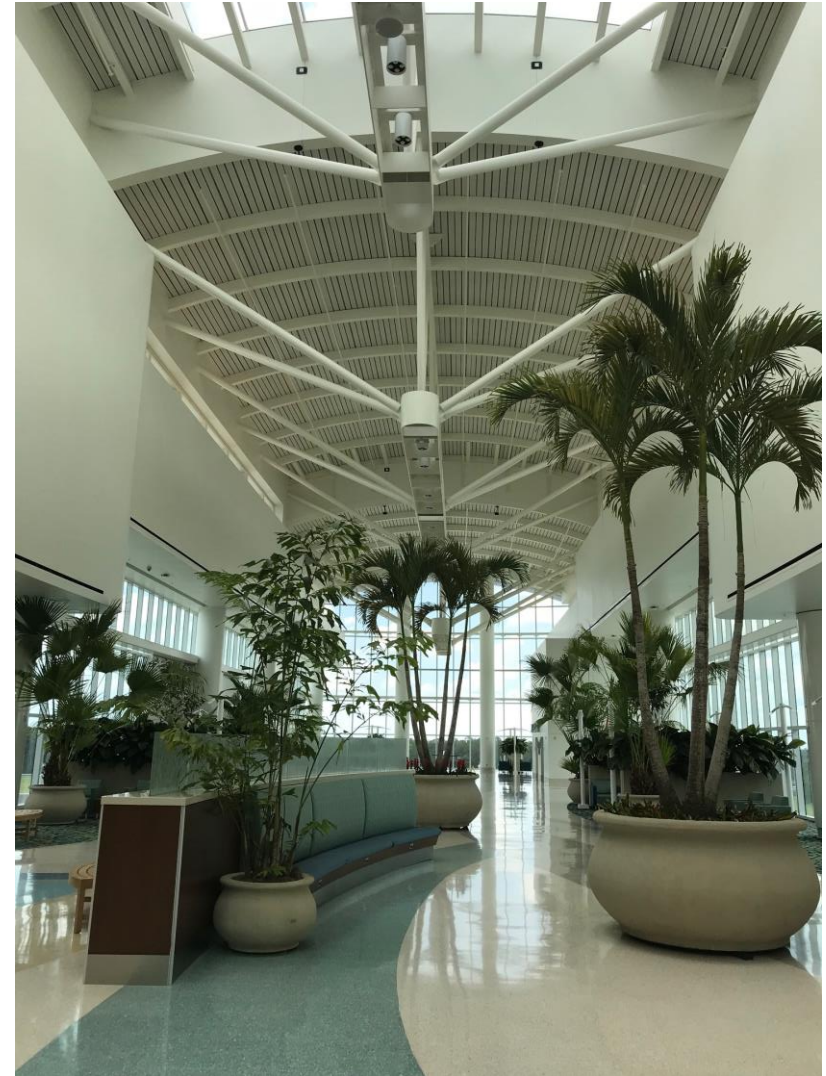
ORLANDO INT'L AIRPORT INTERMODAL TERMINAL FACILITY



Orlando Station



Orlando Station - Interior



Orlando Station – Original concept





**Thank
You**

