



# Broward Commuter Rail South

## Virtual Public Information Meeting #2 Presentation

May 23, 2024



Florida Department of Transportation (FDOT), District 4  
Broward County, Florida  
FDOT Project No. 452240-1

**Moderator: Jennifer Straw**



# Public Information Meeting Agenda

**1) PRESENTATION**

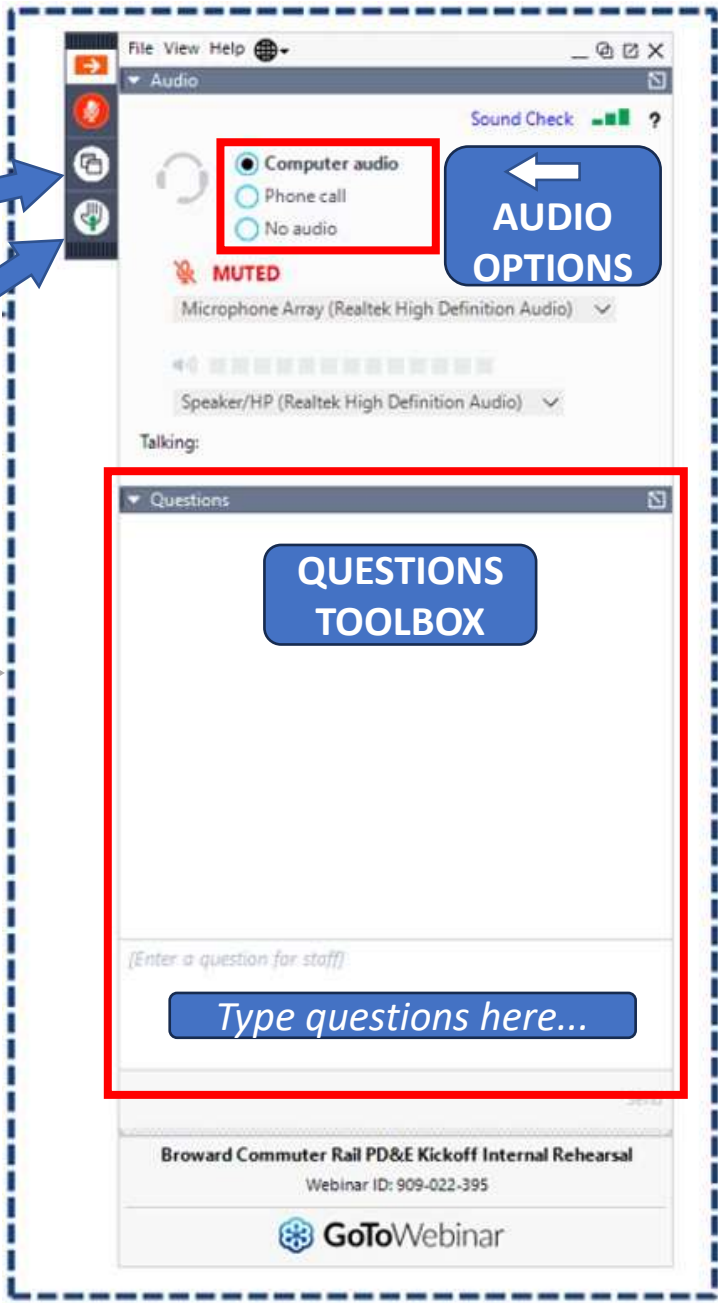
**2) QUESTION & ANSWER SESSION**

# GoToWebinar Features



HANDOUTS

RAISE HAND



FOR TECHNICAL ISSUES DIAL (202) 303-2873

# Project Website

[www.BrowardCommuterRailStudy.com](http://www.BrowardCommuterRailStudy.com)

»»» BROWARD COMMUTER RAIL (BCR)  
SOUTH PD&E STUDY

DIGITAL EXHIBITS

## BROWARD COMMUTER RAIL (BCR) SOUTH PROJECT DEVELOPMENT AND ENVIRONMENT (PD&E) STUDY

# WELCOME

### Welcome to the BCR South Public Information Meeting



#### IN-PERSON (ONLY)

City of Hollywood City Hall  
2600 Hollywood Boulevard, Hollywood, FL 33020  
Monday, December 4, 2023 at 6:00 p.m.

#### VIRTUAL (ONLY)

Register for the Virtual Public Information Meeting  
Wednesday, December 6, 2023 at 6:00 p.m.





# Broward Commuter Rail South

## Virtual Public Information Meeting #2 Presentation

May 23, 2024



Florida Department of Transportation (FDOT), District 4  
Broward County, Florida  
FDOT Project No. 452240-1

# TITLE VI NON-DISCRIMINATION

The Florida Department of Transportation is required to comply with various non-discrimination laws and regulations, including Title VI of the Civil Rights Act of 1964. Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status.

Persons wishing to express their concerns about Title VI may do so by contacting either:

## District Four

Florida Department of Transportation

District Four Title VI Coordinator

**Sharon SinghHagyan**

3400 West Commercial Boulevard

OR

Fort Lauderdale, Florida 33309-3421

(954) 777-4190 or

Toll free at (866) 336-8435, ext. 4190

Sharon.SinghHagyan@dot.state.fl.us

## Tallahassee Office

Florida Department of Transportation

State Title VI Coordinator

**Stefan Kulakowski**

605 Suwannee Street, MS 65

Tallahassee, Florida 32399-0450

(850) 414-4742 or

Toll free at (866) 374-3368, ext. 4753

Stefan.Kulakowski@dot.state.fl.us

# PURPOSE OF TONIGHT'S MEETING

- Share information with the public about the project status and serve as an official forum to show the maps, drawings, and other information about the project
- Provide an opportunity for public input
- Public input will be considered as part of the concept development process





# Broward Commuter Rail South

## Virtual Public Information Meeting #2 Presentation

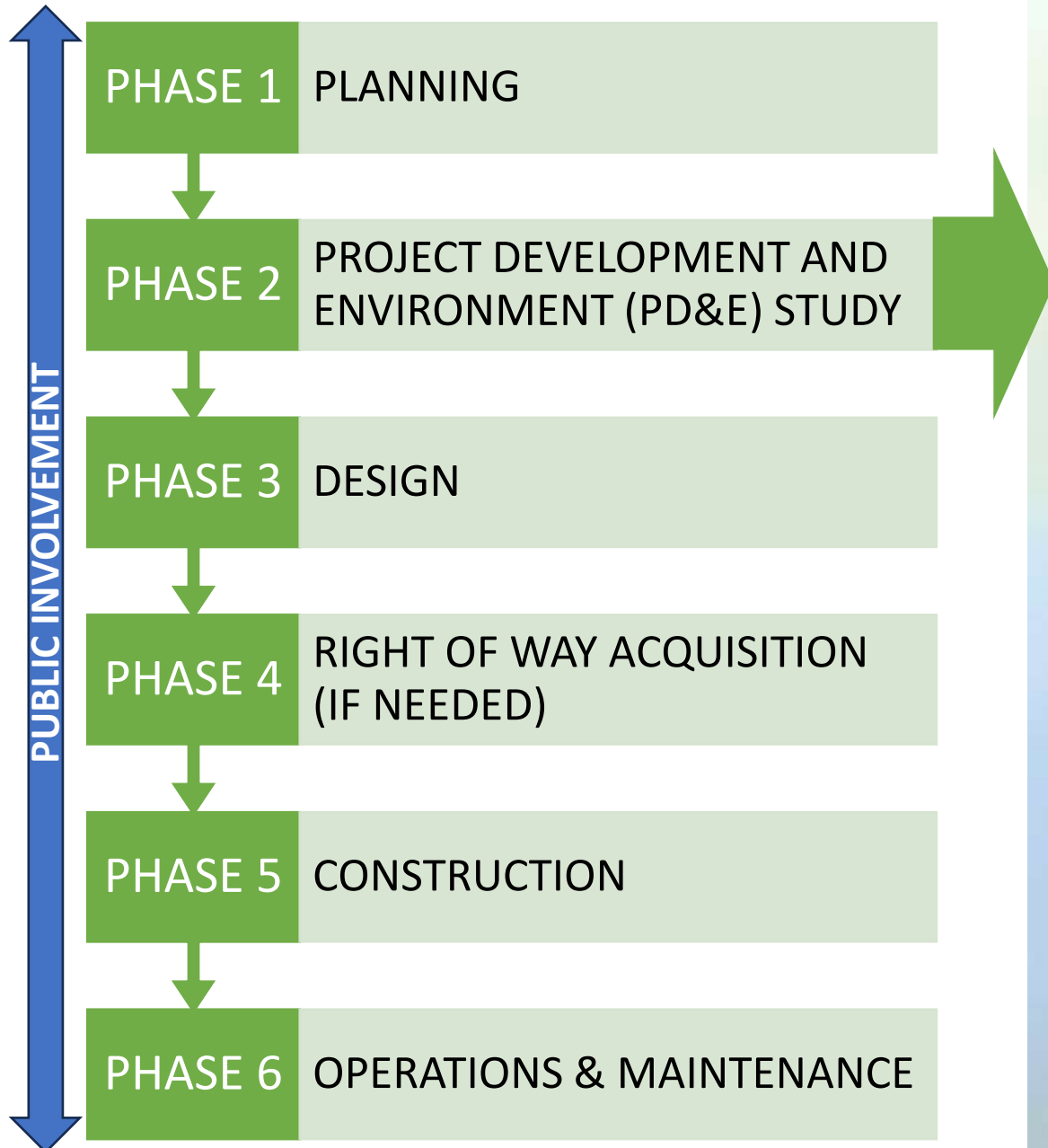
May 23, 2024



Florida Department of Transportation (FDOT), District 4  
Broward County, Florida  
FDOT Project No. 452240-1



# PD&E STUDY PROCESS



## WHAT IS A PD&E STUDY?

- A Project Development and Environment (PD&E) Study is FDOT's procedure for complying with the National Environmental Policy Act (NEPA) of 1969 and associated federal and state laws and regulations

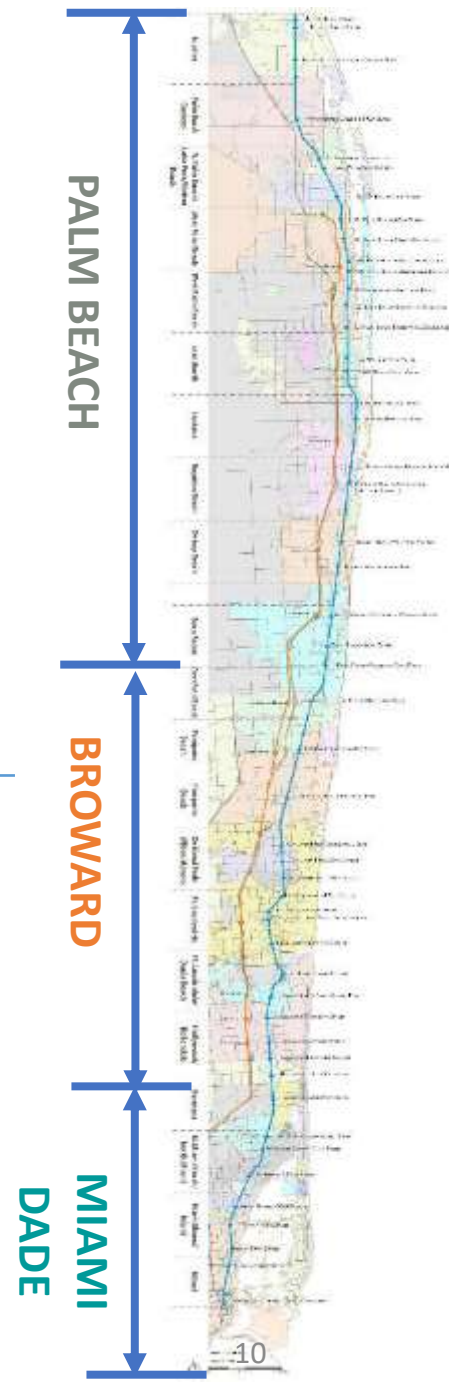
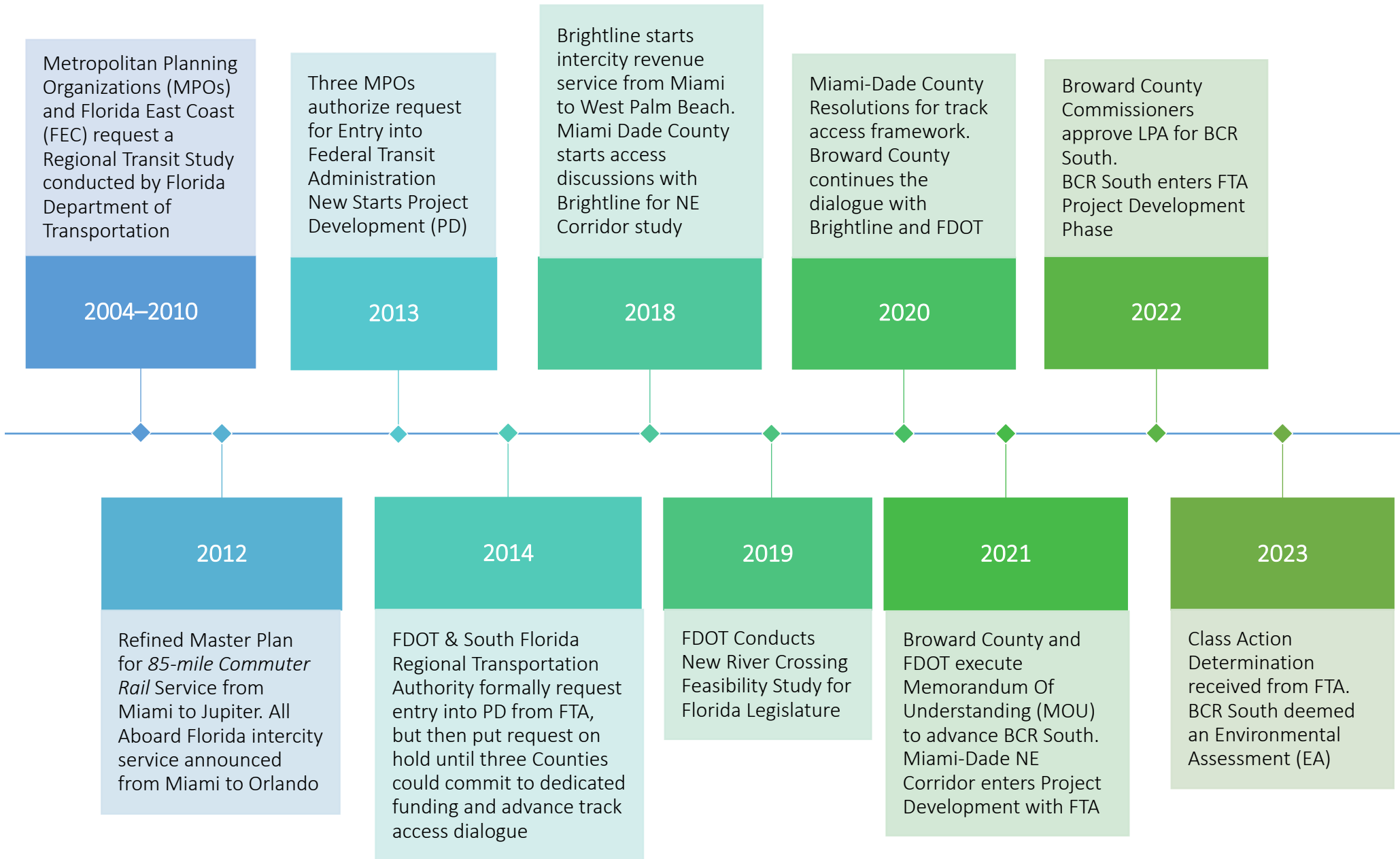
## WHY IT'S DONE:

- The objective of a PD&E Study is to support decisions concerning if, where, and what should be built to address the identified transportation needs
- Evaluate project feasibility, alternatives, and potential environmental impacts (natural, physical, social, and cultural)
- Comply with federal (NEPA) and state environmental laws
- Required to secure federal regulatory approval and funding

## WHAT IT INVOLVES:

- Conducting preliminary engineering
- Evaluating alternatives that meet the Purpose and Need while enhancing, avoiding, minimizing, or mitigating potential environmental impacts
- Coordinating with stakeholders, federal, state, and local agencies
- Engaging the public in evaluation of the alternatives (a key aspect throughout the life of a project)
- Select a Locally Preferred Alternative (LPA) that will move forward with the Federal Transit Administration NEPA Process

# HISTORY OF THE CORRIDOR





# PURPOSE AND NEED

## Purpose

- The purpose of the Broward Commuter Rail (BCR) South Project Development and Environment (PD&E) Study is to determine if a continuation of Northeast Corridor into Broward County is an alternative and reliable transportation option for north-south travel in southeastern Broward County that connects major activity centers and neighborhoods while enhancing intermodal connectivity, supporting economic and land development policies in eastern Broward County

## Primary Needs

- Increase North-South Travel Opportunities
- Accommodate Existing and Future Population Growth
- Encourage Sustainable Land Use and Economic development

## Secondary Needs

- Enhance Intermodal Connectivity
- Improve Transit Service To High Density Travel Market
- Preserve And Enhance The Environment And Safety<sup>11</sup>



# PROJECT OVERVIEW: LPA FOR BCR SOUTH

**Alignment:** Along FEC Railway Corridor from the planned station in Aventura to a terminus located near Broward Health Medical Center

**Mode:** Commuter Rail Transit

**Technology:** Push-pull locomotive

**Recommended Station Locations:**

- Hollywood Station
- Fort Lauderdale/Hollywood International Airport Station
- South Fort Lauderdale Station (Broward Health)

**Project Length:** Approximately 11.5 miles

**Service:**

Weekday vs. Weekend Frequency

Service Span 5:00 AM - 11:30 PM weekdays

6:00 AM - 11:30 PM weekends and holidays

**Vehicle Maintenance Facility:** Anticipated to be at the existing Hialeah Yard (NE Corridor will provide environmental and design analysis)

Anticipated Service Plan Hours of Operation	Headway (minutes)
5 – 9 a.m. & 4 – 8 p.m.	30
9 a.m. – 4 p.m. & 8 – 11:30 p.m.	60
Weekends & Holidays	
6 a.m. – 11:30 p.m.	60

# IMPORTANCE AND BENEFITS OF COMMUTER RAIL



## ECONOMIC & RESIDENTIAL GROWTH

- Increase business investment
- Increase tax base
- Cities provide incentives for affordable housing
- Serve multiple downtown areas
- Provide rapid transit connection between counties



## ENHANCE QUALITY OF LIFE

- Increased mobility and transportation choices
- Greater access to employment, education, and essential services



## TRANSIT INCENTIVES TO THE PUBLIC

- Reduces travel times and provides more reliable commute times
- Save money on gas, parking, and car maintenance/repairs
- Increased ridership leads to a reduction in traffic and less need for additional travel lanes



## ENVIRONMENTAL

- Cleaner air by reducing traffic congestion and greenhouse gas emissions



## COMMUTER RAIL BENEFITS EMPLOYERS

- Access to a wider pool of talent
- Dependable and reliable transit service may boost and enhance productivity



# RAIL SERVICES IN THE FEC CORRIDOR

- Study is being conducted in coordination with many parties that have an interest in the FEC railroad corridor
- Shared-use corridor with FEC freight trains and intercity (Brightline) passenger trains
- Florida East Coast Railway, L.L.C. owns the FECR right of way and operates freight service
- Brightline operates inter-city passenger rail trains via a passenger easement in the corridor

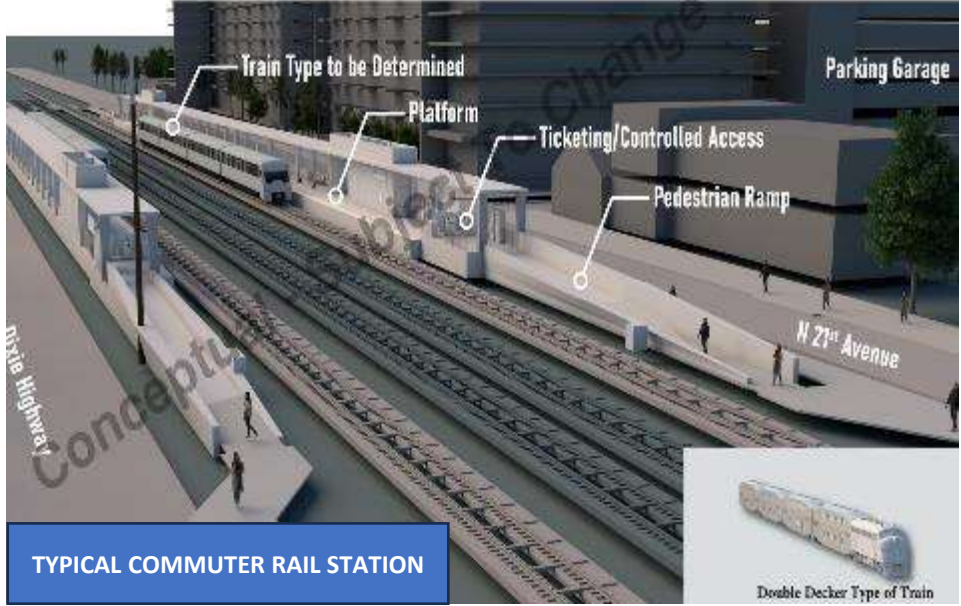
# PROPOSED STATION CHARACTERISTICS

## HOW IS A TYPICAL COMMUTER RAIL STATION DIFFERENT FROM A BRIGHTLINE STATION?

- Brightline stations include enclosed and air-conditioned terminals that feature security and lobby areas, lounge areas with snack and drink options, parking garages, and pedestrian overpasses
- Commuter rail stations are similar to SunRail stations in Central Florida

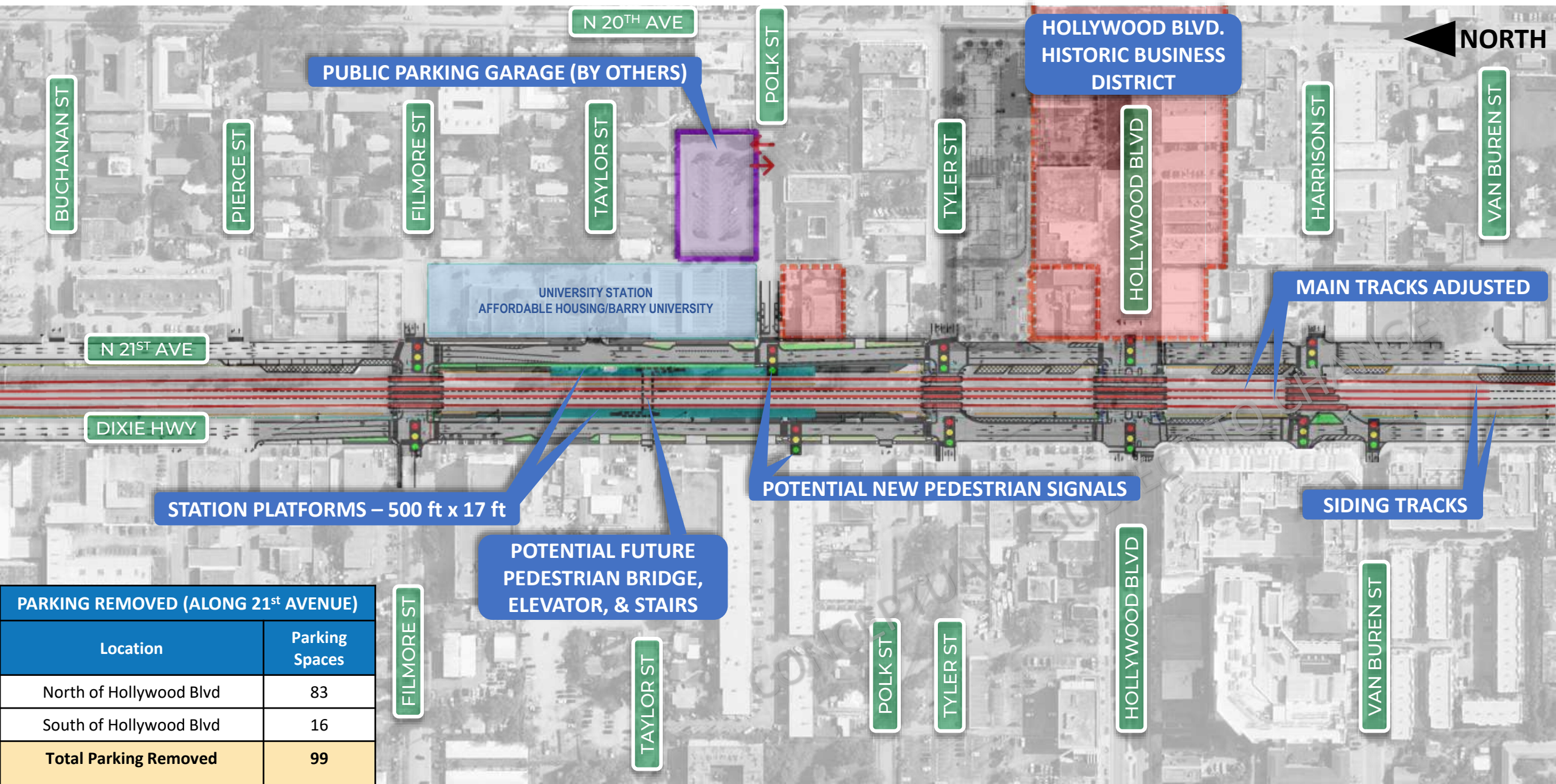
## WHAT IS IN THE PROPOSED COMMUTER RAIL STATION?

- Approx. two 500' x 17' platforms to accommodate train sets of 4-5 cars
- Requires new siding tracks to avoid interference with freight and intercity service
- Potential pedestrian bridges to be constructed in the future, if necessary
- Broward County is evaluating potential station features to include:
  - Platform with Canopies
  - Bus Bays
  - Ticket Vending Machines (TVM)
  - Schedule Information and Boards
  - Wayfinding Signs & Audio
  - Benches, Bike Racks, and Garbage Cans
  - Security Cameras
  - Protection Railings
  - Stairs and ADA Ramps
  - Parking (Provided at Hollywood & South Fort Lauderdale Stations)
  - Drop-off/Pick-Up Areas



Note: Train type to be determined

# HOLLYWOOD STATION



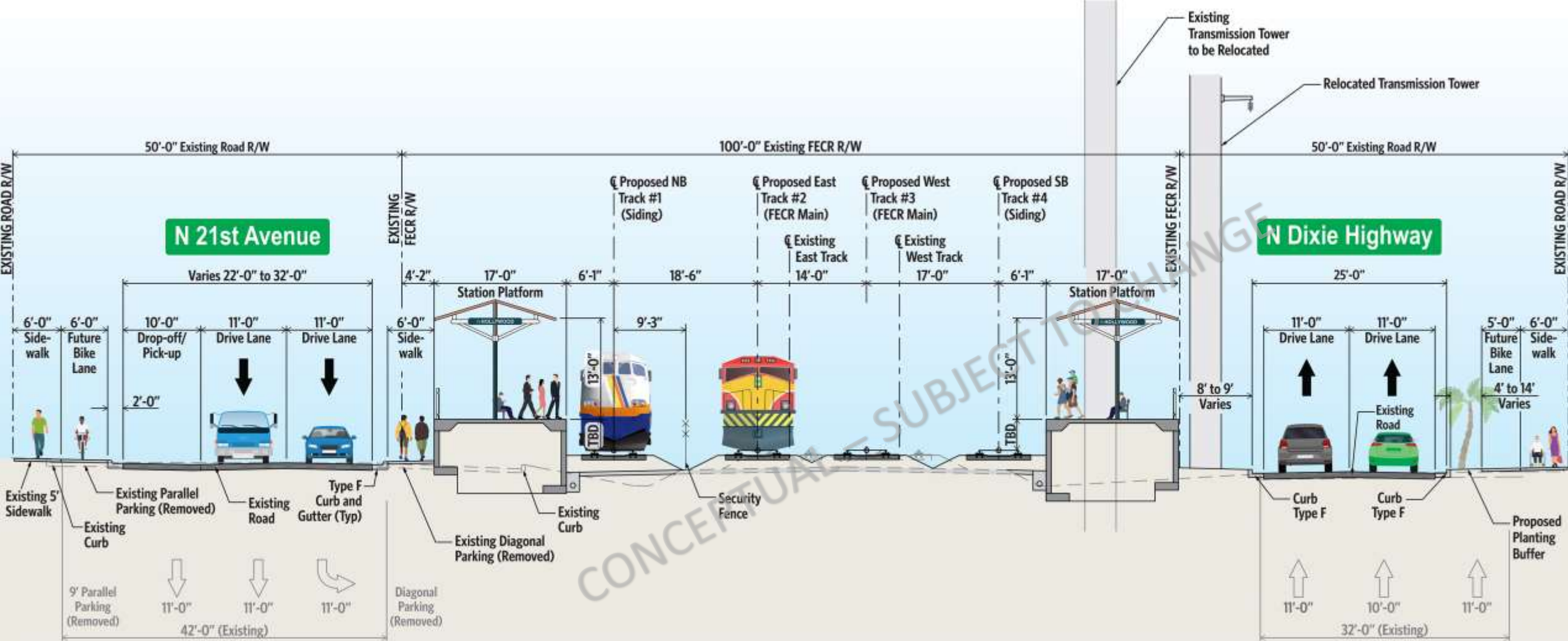
**PARKING REMOVED (ALONG 21<sup>ST</sup> AVENUE)**

Location	Parking Spaces
North of Hollywood Blvd	83
South of Hollywood Blvd	16
<b>Total Parking Removed</b>	<b>99</b>

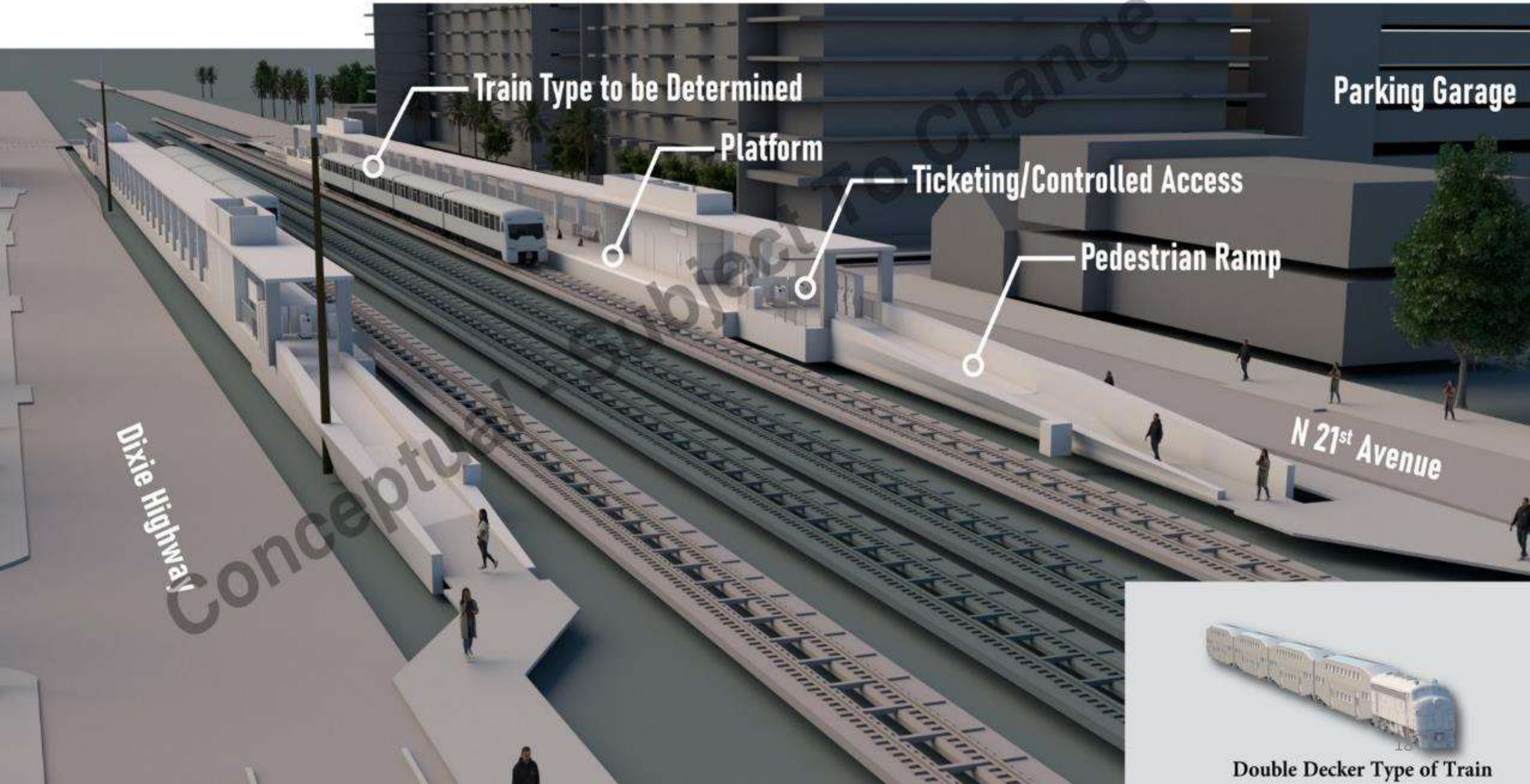


# HOLLYWOOD STATION

## Typical Section A-A: Hollywood Station - Looking South

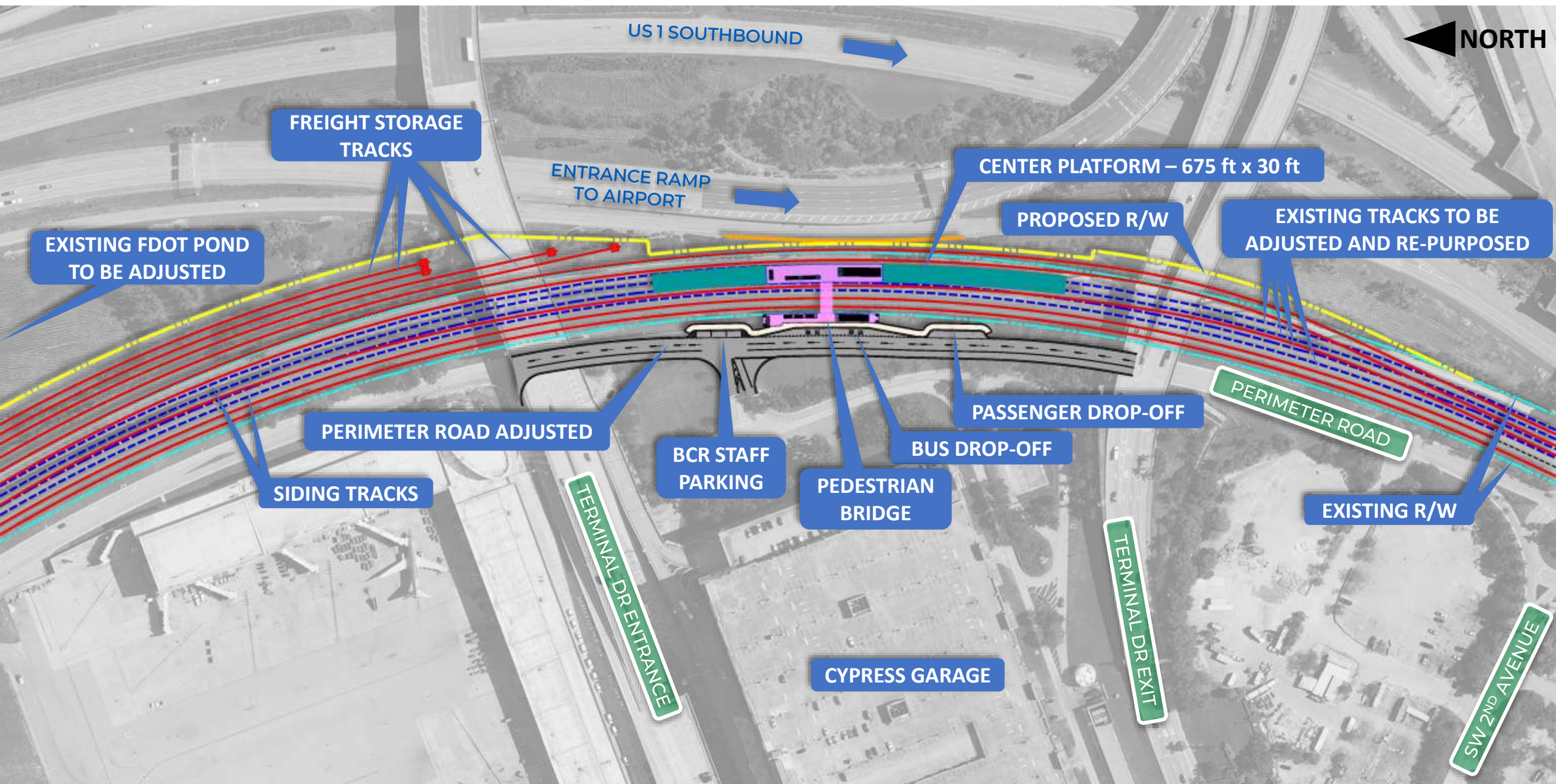


# HOLLYWOOD STATION RENDERING



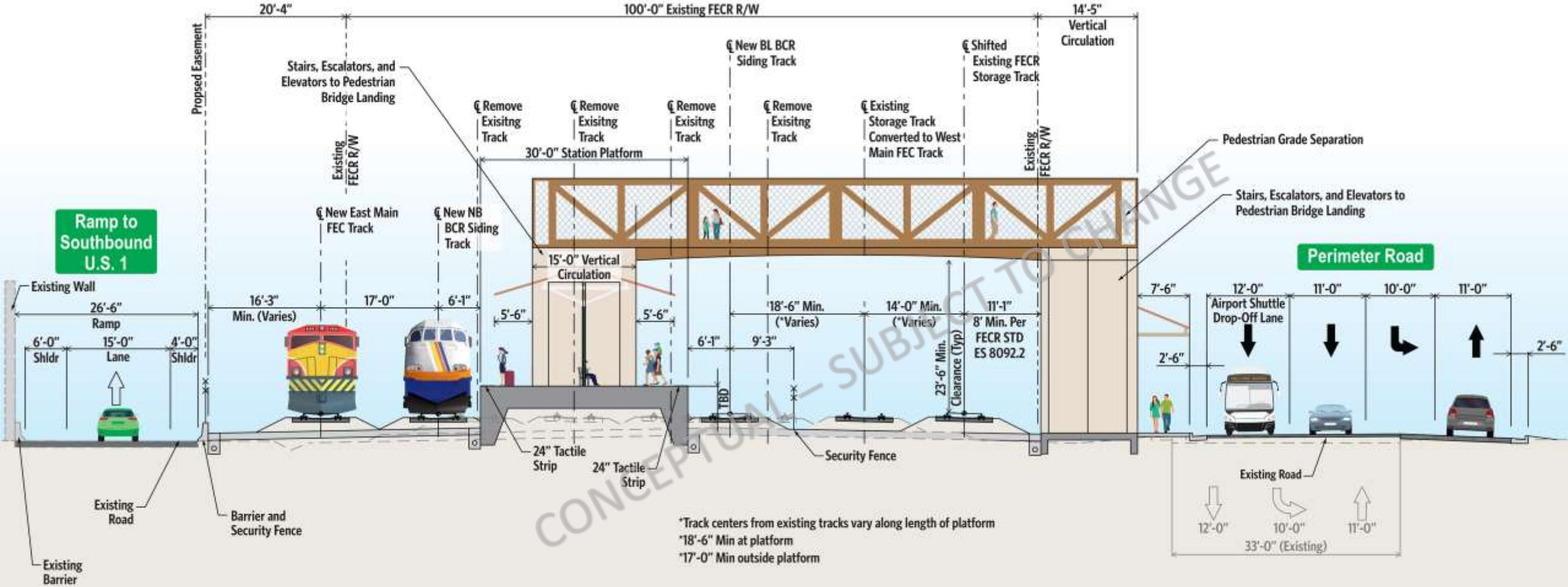
Double Decker Type of Train

# FORT LAUDERDALE-HOLLYWOOD INT'L AIRPORT STATION



# FORT LAUDERDALE-HOLLYWOOD INT'L AIRPORT STATION

## Typical Section A-A: Fort Lauderdale Airport Station - Looking South



# FORT LAUDERDALE-HOLLYWOOD INT'L AIRPORT STATION



Terminal Drive - Entrance

Elevator

Pedestrian Bridge to Platform

Platform

Escalators

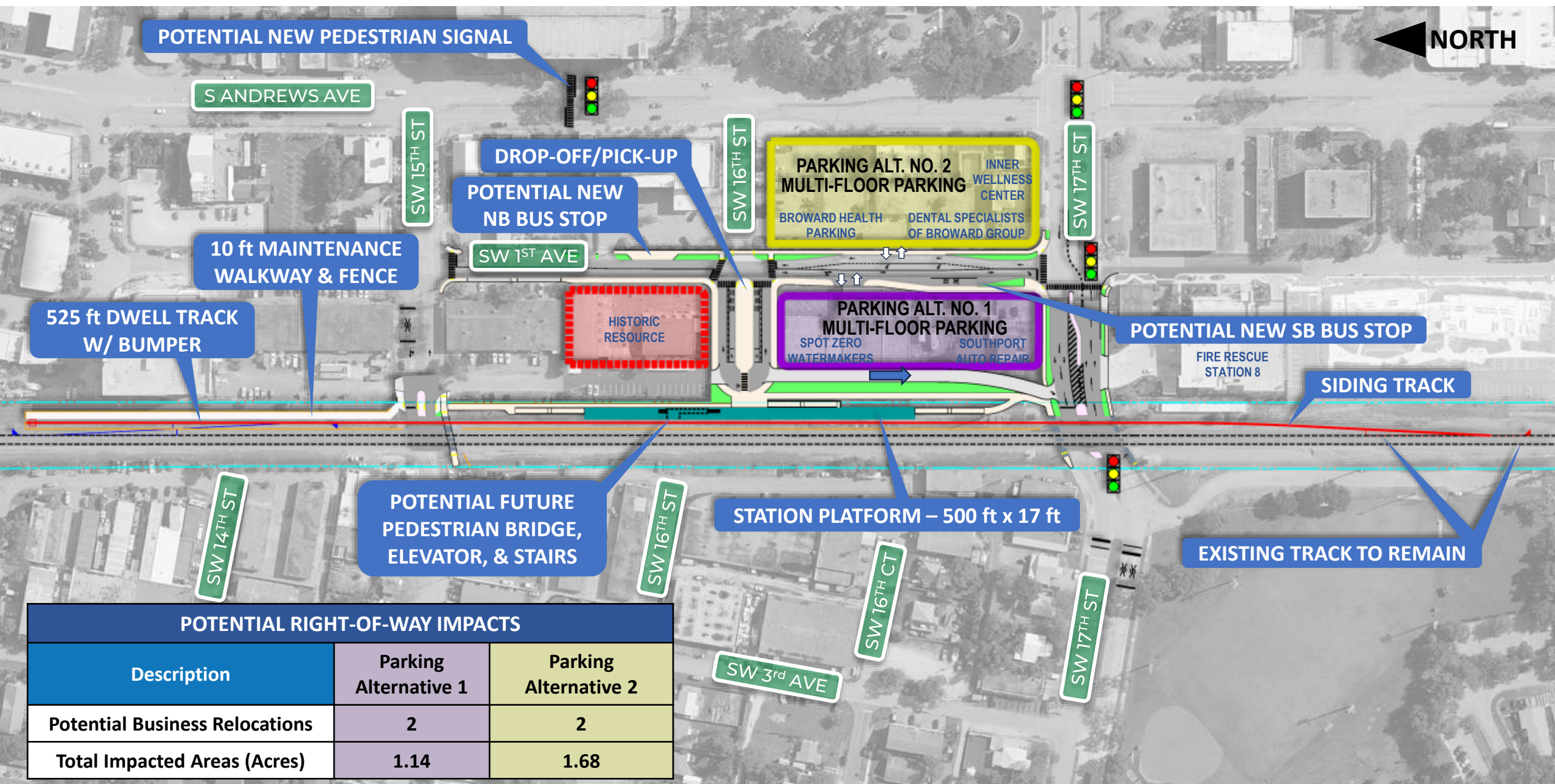
Escalators

Cypress Parking Garage

Perimeter Road

Note: Special Canopy Features Not Included in Cost Estimate

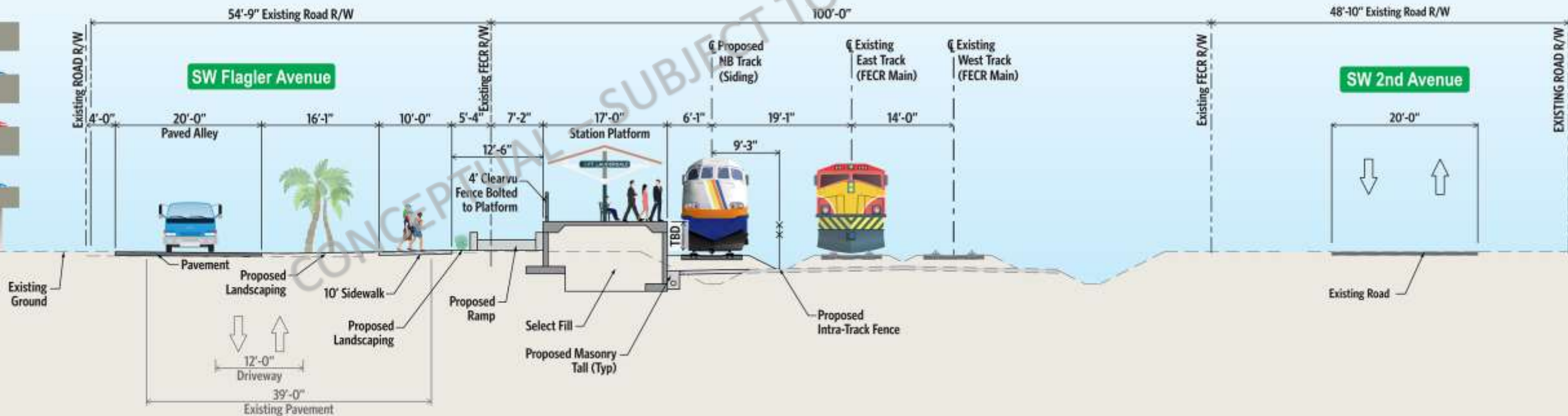
# SOUTH FORT LAUDERDALE STATION



POTENTIAL RIGHT-OF-WAY IMPACTS		
Description	Parking Alternative 1	Parking Alternative 2
Potential Business Relocations	2	2
Total Impacted Areas (Acres)	1.14	1.68

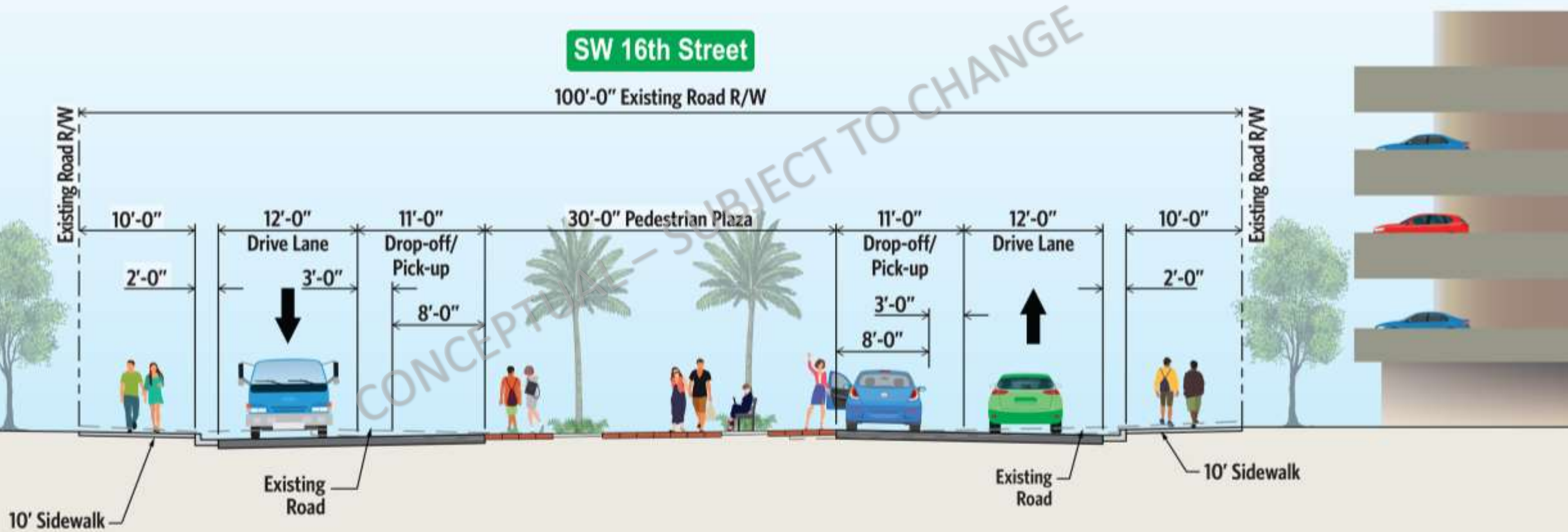
# SOUTH FORT LAUDERDALE STATION

## Typical Section A-A: South Fort Lauderdale Station - Looking South



# SOUTH FORT LAUDERDALE STATION

## Typical Section B-B: SW 16th Street - Looking East





# SOUTH FORT LAUDERDALE STATION RENDERING



Note: Special Canopy Features Not Included in Cost Estimate

# SOUTH FORT LAUDERDALE STATION RENDERING: STREET LEVEL VIEW



# ENVIRONMENTAL CONSIDERATIONS



## Social Environment

Social Resources  
Economics  
Land Use Changes  
Mobility  
Aesthetic Effects  
Relocations



## Natural Environment

Wetlands  
Protected Species  
Essential Fish Habitat  
Water Resources  
Floodplains  
Special Designations



## Physical Environment

Farmlands  
Noise and Vibration  
Air Quality  
Contamination



## Cultural Environment

Historic Resources  
Archaeological Resources  
Coordination with State Historic Preservation Officer  
Recreational Section 4(f)(Parks and Preserves)

**BCR South will enhance safety, connectivity, mobility, the economy, and will improve access to public transportation at residential, employment, and travel centers.**

# POTENTIAL ENVIRONMENTAL IMPACTS



## Social Environment

- Social Resources – *Enhanced*
- Economics – *Enhanced*
- Land Use Changes\* – *Minor Impacts*
- Mobility – *Enhanced*
- Aesthetic Effects\* – *Minor Impacts*
- Relocations\* – *Potential 2 or 3 business relocations to accommodate parking at South Fort Lauderdale Station*

### \*ANTICIPATED MINOR IMPACTS

- Land Use Changes – Minor changes due to potential parking garage at South Fort Lauderdale Station.
- Aesthetic Effects – Minor changes due to construction of stations and parking garages.
- Relocations – Minor changes due to two potential business relocations at South Fort Lauderdale Station.

# POTENTIAL ENVIRONMENTAL IMPACTS



## Natural Environment

- Wetlands – *No Impacts*
- Protected Species – *No Impacts*
- Essential Fish Habitat – *No Impacts*
- Water Resources – *No Impacts*
- Floodplains – *No Impacts*
- Special Designations – *No Impacts*

# POTENTIAL ENVIRONMENTAL IMPACTS



## Physical Environment

- Farmlands – *No Impacts*
- Noise and Vibration\* – *No Impacts*
- Air Quality – *No Impacts*
- Contamination – *Minor impacts*

# POTENTIAL ENVIRONMENTAL IMPACTS



## Cultural Environment

- Historic Resources – *No Impacts*
- Archaeological Resources – *No Impacts*
- Coordination with State Historic Preservation Officer\* – *Ongoing*
- Recreational Section 4(f)(Parks and Preserves) – *No Impacts*

\*Coordination with State Historic Preservation Officer is pending, but no impacts are anticipated.

# STEP-BY-STEP TRAFFIC PROCESS

1 - Identify Traffic Analysis Locations

2 - Collect Traffic Data

3 - Estimate Future Traffic Demand

4 - Perform Traffic Operational Analysis (Existing & Future)

Intersections Level of Service

Queuing Analysis

**Four Train Events:**  
No Trains, Freight Trains, Brightline Trains and BCR South Trains



# TRAFFIC ANALYSIS APPROACH

A background image showing a light blue double-decker train crossing a road. The train has 'TRIRAIL' written on its side. Above the train is a large metal structure with traffic lights and railroad crossing signs. In the foreground, several cars are stopped in a line, waiting for the train to pass. The scene is set on a clear day.

## Roadway Traffic Analyses

1. East-West At-Grade Railroad Crossings at 25 Locations
2. Proposed 3 Station Areas

## Evaluation of Existing, No-Build, and Build Alternatives

- 7 crossings were analyzed to represent the operations of the 25 locations
- 3 crossings were selected to evaluate overlapping train events
  - Griffin Road, Hollywood Boulevard, and Hallandale Beach Boulevard

# TRAFFIC ANALYSIS RESULTS

## Peak-Hour Results at Each Railroad Crossing

Gate Closure Time at Crossings	Less than 90 seconds per single train (advanced warning + crossing + clearance time)
No. of Trains Per Hour	3-5 trains
Travel Times, Delays, and Queuing Impacts	Similar to Brightline Service
Build vs. No-Build Traffic Operations	No significant change
Vehicle Queues Generated by Trains	Clear prior to next train crossing

# STEP-BY-STEP SAFETY ANALYSIS PROCESS



1 - Identify Safety Analysis Locations

2 - Gather Vehicle and FRA Train Incident Data and Establish Trends

3 - Identify On-Going Safety Improvements

4 - Identify Best Practices for Crossing Safety

5 - Analysis Results and Recommendations

# SAFETY ANALYSIS LOCATIONS AND INCIDENT TRENDS

## Safety Analysis Locations

- East-West Highway-Rail Grade Crossings at 25 Locations
- Proposed Station Areas with Trackwork

## Summary of Federal Railroad Administration (FRA) 5-Year Incident Behavior Trends (25 Crossings)

Behavior Action	Number Of Incidents
Went Around the Gate	22
Went Thru the Gate	1
Stopped on Crossing	9
Suicide/Attempted Suicide	2
Other (Specify)	1
<b>Total Incidents Over 5 Years</b>	<b>35</b>

*Includes all types of trains*

# ON-GOING SAFETY IMPROVEMENTS

## Safety Improvements

- Brightline Phase II Improvements
- 2017 Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant and Broward County Delineator Project
- 2022 Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Grant Improvements
- Broward Metropolitan Planning Organization (MPO)'s 2023 FRA Rail Crossing Elimination Program Grant (RCEP)



# SAFETY ANALYSIS RESULTS AND RECOMMENDATIONS

## Safety Analysis Results Recommendations

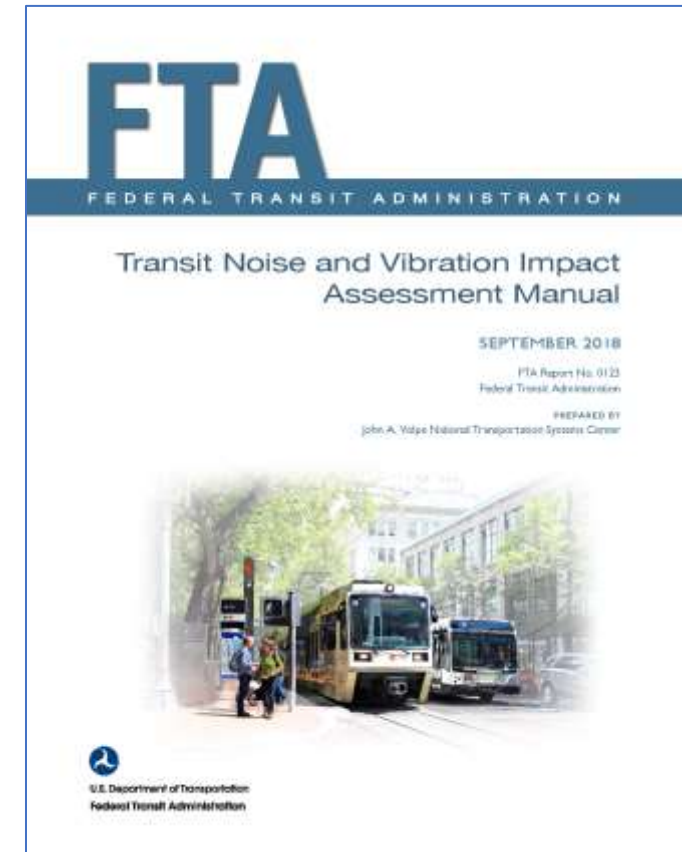
### 7 Grade Crossings near BCR South Passenger Stations

- Install 4-quadrant Gates at Crossings Near Stations
- Install Vehicle Detection at 4-Quadrant Gates
- Install Pedestrian Gates & Escape Gates at Crossings Near Stations
- Install Corridor Fencing in Station Areas
- Install Second Train Coming and Turn Blank-out Signs
- Adjust Signal Pre-emption Timings for Traffic Signals
- Adjust Traffic Signal Timings
- Install Pre-Signals and Extend Cross-Hatching Pavement Markings for Short Storage Crossings
- Edgeline Delineators and RPMs in Median and Outside Edges to Prevent Turning onto Tracks



# RAIL NOISE AND VIBRATION

- Noise and Vibration Analyses was performed in accordance with Federal Transit Administration Manual (2018)
- Potential Noise and Vibration Impacts to Sensitive Site were Evaluated for:
  - New Commuter Rail Service along FECR Corridor
  - Proposed Stations
- Sensitive Sites: Residences, Schools, Libraries, Parks, and Places of Worship
- Determined Existing Noise Levels and Dominant Sources
  - Performed Short-term Monitoring at 27 Locations
  - Existing Rail (FECR Freight and Brightline Trains)
  - Highway Traffic Noise



# RAIL NOISE AND VIBRATION

Calculated Future Project Noise and Vibration Levels

Compared Project Noise and Vibration Levels to FTA's Impact Criteria

Documented Results in Noise and Vibration Study Report

- Project does not result in the Exceedance of FTA's Noise and Vibration Impact Criteria
- Project does not warrant consideration of abatement

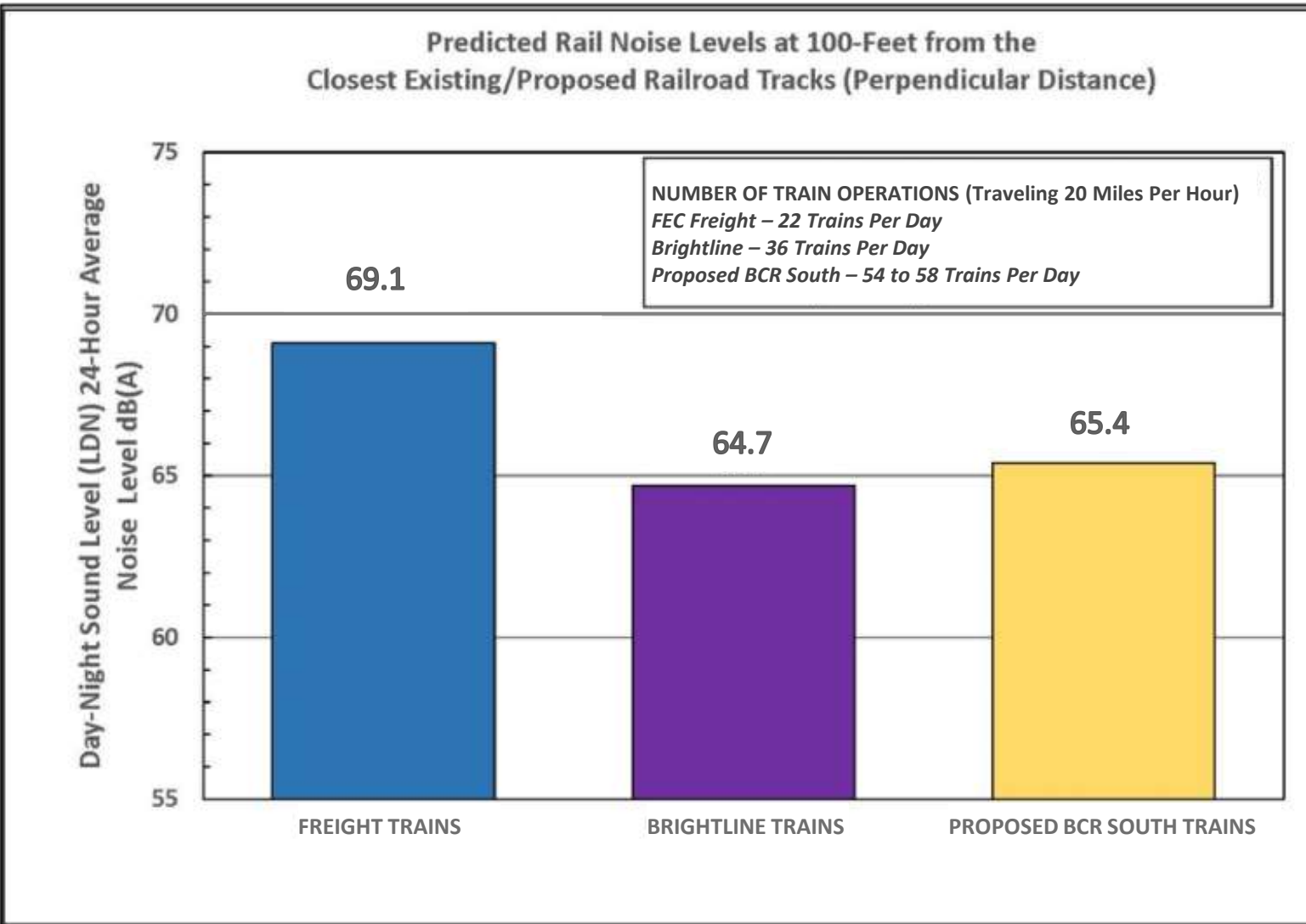
**Noise and Vibration  
Study Report**  
National Environmental Policy  
Act (NEPA) Study  
Broward Commuter Rail South  
*Broward County, Florida*





# RAIL NOISE ANALYSIS

## Relative Comparison of Train Noise Levels Adjacent to the FEC Railroad Corridor



# RIDERSHIP PROJECTIONS

- Ridership is expected to grow as development occurs and population density increases based on:
  - FTA Simplified Trips-on-Project Software (STOPS) model for Current Year (2023) and Design Year 2045
  - Projected future population & employment approved in the MPO 2045 Metropolitan Transportation Plan
- Ridership estimates are approximately 3,725 average weekday trips for the current year and 5,460 average weekday trips for 2045 (Horizon Year)
- Ridership is projected to have minimal impact on Tri-Rail or Brightline ridership.
- Compared favorably to other commuter rail systems in Florida
- Function of stations and train frequency – balance between access and travel time

# PRELIMINARY COST ESTIMATE

## Build Alternative

- Capital Base Year 2023 Cost is \$291 Million
  - Includes track construction, basic stations, purchasing of vehicles, potential right-of-way acquisitions, a portion of the Hialeah Vehicle Maintenance Facility (VMF), and parking costs.
- Maximum FTA Small Starts Grant is \$150 Million
- Operations & Maintenance Cost is \$15 Million
- Access/Easement Fee is a negotiated fee (TBD) to allow commuter trains on the Brightline passenger easement on the FEC corridor.

# HIALEAH RAIL YARD



## Proposed for Commuter Rail Use

- Storing and Maintaining Trains
- Planned improvements are under study by the Northeast Corridor Project Team that will include BCR South needs

## Owned by FDOT

- Occupied by CSX, Amtrak, and Tri-Rail
- Located Northeast of the Miami International Airport in Miami-Dade County

# PUBLIC OUTREACH AND COORDINATION

FDOT and Broward County have been and will continue to hold meetings with the public, agencies, and stakeholders throughout the entire study

- Public Meetings

- Broward County Commission LPA Vote – February 22, 2022
- Public Information Meeting #1 – December 4 and 6, 2023
- Public Information Meeting #2 – May 22 (In-Person)/**Tonight's Meeting May 23 (Virtual)**

- One-on-One Elected Official Briefings

- Newsletters

- Project Website

[www.browardcommuterrailstudy.com](http://www.browardcommuterrailstudy.com)

- Social Media

 @ MyFDOT\_SEFL  MyFDOTSEFL

- Email

[BCRSouth@broward.org](mailto:BCRSouth@broward.org)

- Small Group Meetings
- One-on-One Stakeholder Meetings
- County and City Commission Meetings
- MPO Board and Committee Meetings



# NEXT STEPS

2024

WE ARE HERE

FTA Review  
of Draft  
Environmental  
Documents

Winter/Spring

★  
BCR South  
Public  
Information  
Meeting #2

Spring

Posting of the  
Environmental  
Documents for  
Public Comment

Spring/Summer

30-Day Public  
Comment  
Period

Spring/Summer

NEPA  
Completion

Summer/Fall

Submit Small  
Starts Grant  
Application

Summer/Fall

## Public Involvement

Public involvement and engagement will continue throughout the life of the study to ensure the corridor residents, businesses, the traveling public, and other interested parties have meaningful participation in the process.

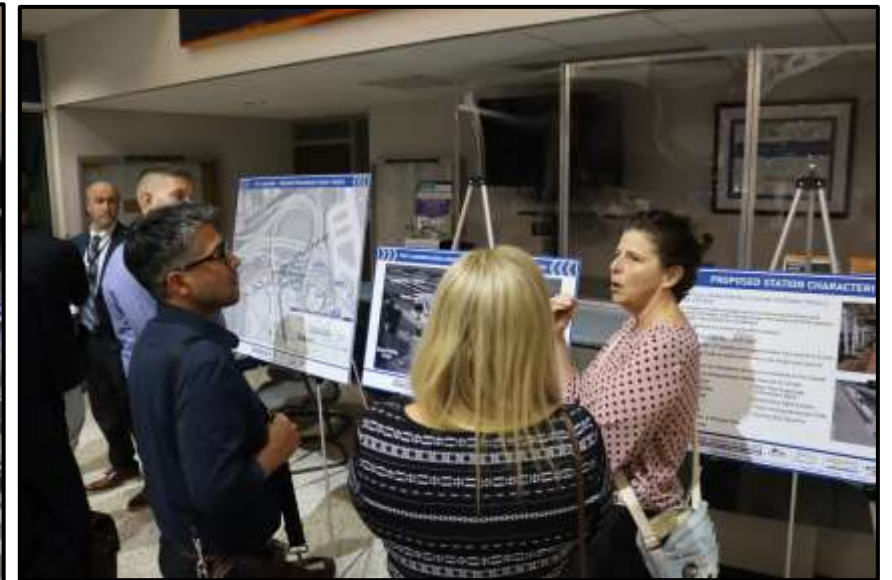
# PUBLIC INVOLVEMENT - COMMENT OPTIONS

- 1) Provide a comment during the Question and Answer Session
- 2) Email your comments to:  
[BCRSouth@broward.org](mailto:BCRSouth@broward.org)
- 3) Mail your comments to :  
ATTN: Phil Schwab  
Florida Department of Transportation District Four  
3400 West Commercial Boulevard  
Fort Lauderdale, FL 33309
- 4) Submit comments on project website:  
[www.browardcommuterrailstudy.com](http://www.browardcommuterrailstudy.com)

# FOR MORE INFORMATION

- Visit the project website: [www.browardcommuterrailstudy.com](http://www.browardcommuterrailstudy.com)
- Email questions to: [BCRSouth@broward.org](mailto:BCRSouth@broward.org)
- Visit the social media platforms:

 @ MyFDOT\_SEFL    MyFDOTSEFL





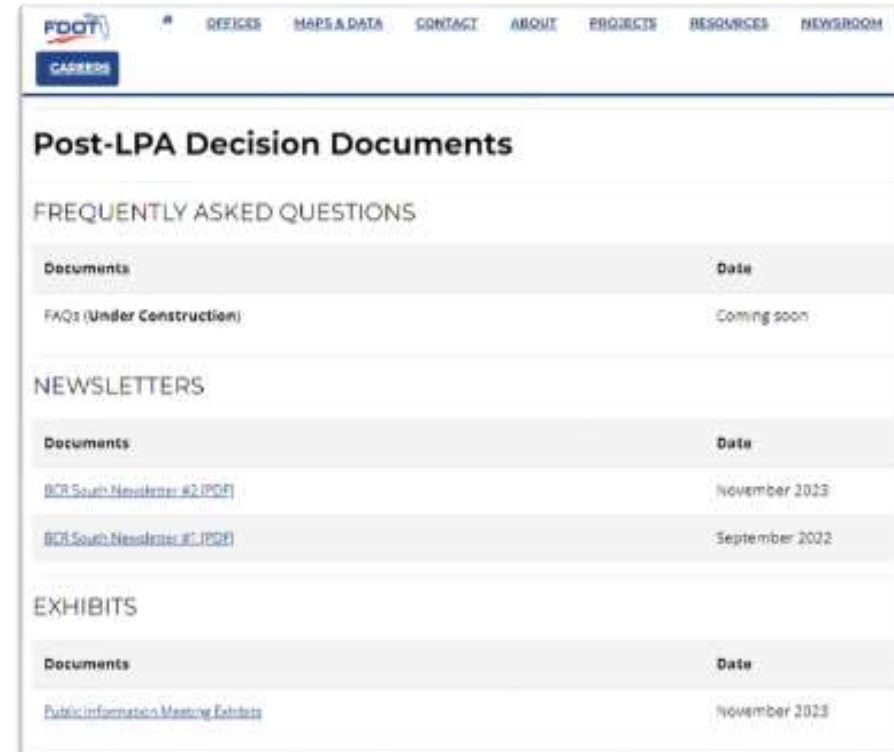
# PROJECT WEBSITE

- Project Website

[www.browardcommuterrailstudy.com](http://www.browardcommuterrailstudy.com)



The screenshot shows the homepage of the Broward Commuter Rail (BCR) South Project Development & Environment (PD&E) Study website. The header includes the FDOT logo and navigation links for HOME, MAPS & DATA, CONTACT, ABOUT, and PROJECTS. The main banner features a city skyline and a train, with the text "BROWARD COMMUTER RAIL (BCR) SOUTH PROJECT DEVELOPMENT & ENVIRONMENT (PD&E) STUDY". Below the banner, the title "BROWARD COMMUTER RAIL (BCR) SOUTH Project Development & Environment (PD&E) Study" is displayed, along with the phone number "FM#: 417031-5-22-01". A "PROJECT UPDATE" section contains text about the project's acceptance into the Project Development (PD) phase and its funding through the Capital Investment Grant (CIG) program. Contact information for the Broward Commuter Rail (BCR) South team, including the address "2401 W Commercial Blvd Fort Lauderdale, FL 33330", phone numbers "Tel: 954-777-4190" and "Fax: 954-777-4187", and the email "E.Meloy", is provided in a sidebar.



The screenshot shows a section of the website titled "Post-LPA Decision Documents". The header includes the FDOT logo and navigation links for SERVICES, MAPS & DATA, CONTACT, ABOUT, PROJECTS, RESOURCES, and NEWSROOM. A "CARDS" button is visible. The section is divided into three sub-sections: "FREQUENTLY ASKED QUESTIONS", "NEWSLETTERS", and "EXHIBITS". Each sub-section contains a table of documents.

Documents	Date
FAQs (Under Construction)	Coming soon

Documents	Date
<a href="#">BCR South Newsletter #2 (PDF)</a>	November 2023
<a href="#">BCR South Newsletter #1 (PDF)</a>	September 2022

Documents	Date
<a href="#">Public Information Meeting Exhibit</a>	November 2023



## CONTACT INFORMATION:

**Phil Schwab, P.E.**  
Project Manager  
Florida Department of  
Transportation (FDOT)

**(954) 777 – 4524**

**[BCRSouth@broward.org](mailto:BCRSouth@broward.org)**

**Jie Bian**  
Project Manager  
Broward County Transit  
(BCT)

**(954) 357 – 8532**

**[BCRSouth@broward.org](mailto:BCRSouth@broward.org)**



# PREMO

Premium Mobility Plan

*Broward County Transit*

Learn more at:  
**Premo.Broward.org**  
or email questions to  
**PREMO@broward.org**



# BE RAiL SMART

Live to Tell and  
Don't Tempt Fate



BE ALERT.  
BE PREPARED.  
**BE READY  
TO STOP.**



OPERATION  
**S.T.R.I.D.E.**



Statewide Traffic and Railroad Initiative Using Dynamic Envelopes





**WE WANT  
YOUR FEEDBACK**



# Broward Commuter Rail South

## Virtual Public Information Meeting #2 Comment Period Session

May 23, 2024



Florida Department of Transportation (FDOT), District 4  
Broward County, Florida  
FDOT Project No. 452240-1

**Moderator: Jennifer Straw**

# Public Involvement - Comment Options

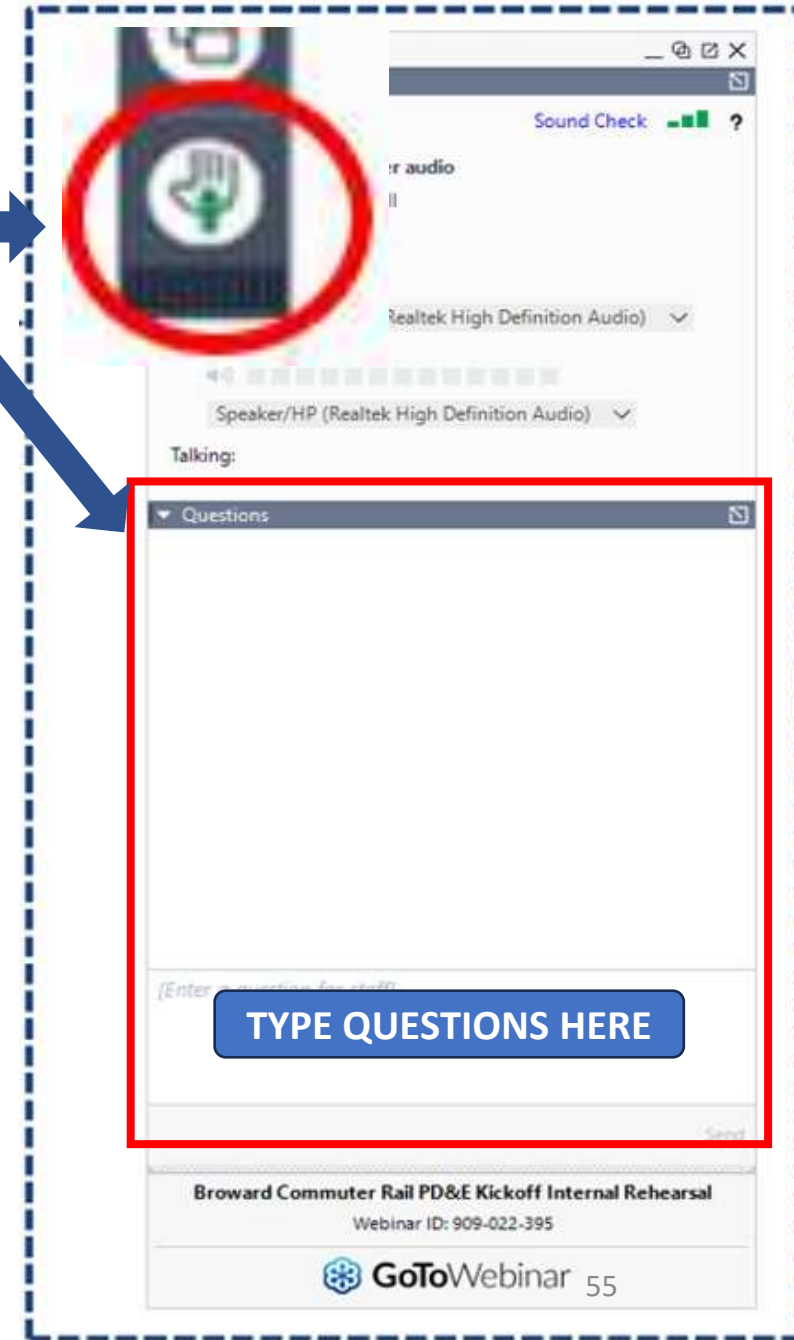
1. Comment during this Public Information Meeting using the GoToWebinar Questions tool or by clicking the Raise Hand button

2. Email your comments to: [BCRSouth@broward.org](mailto:BCRSouth@broward.org)

3. Mail your comments to :

**Florida Department of Transportation**  
**3400 West Commercial Boulevard**  
**Fort Lauderdale, FL 33309**  
**Attn: Phil Schwab, P.E.**

4. Submit comments on project website:  
[www.browardcommuterrailstudy.com](http://www.browardcommuterrailstudy.com)

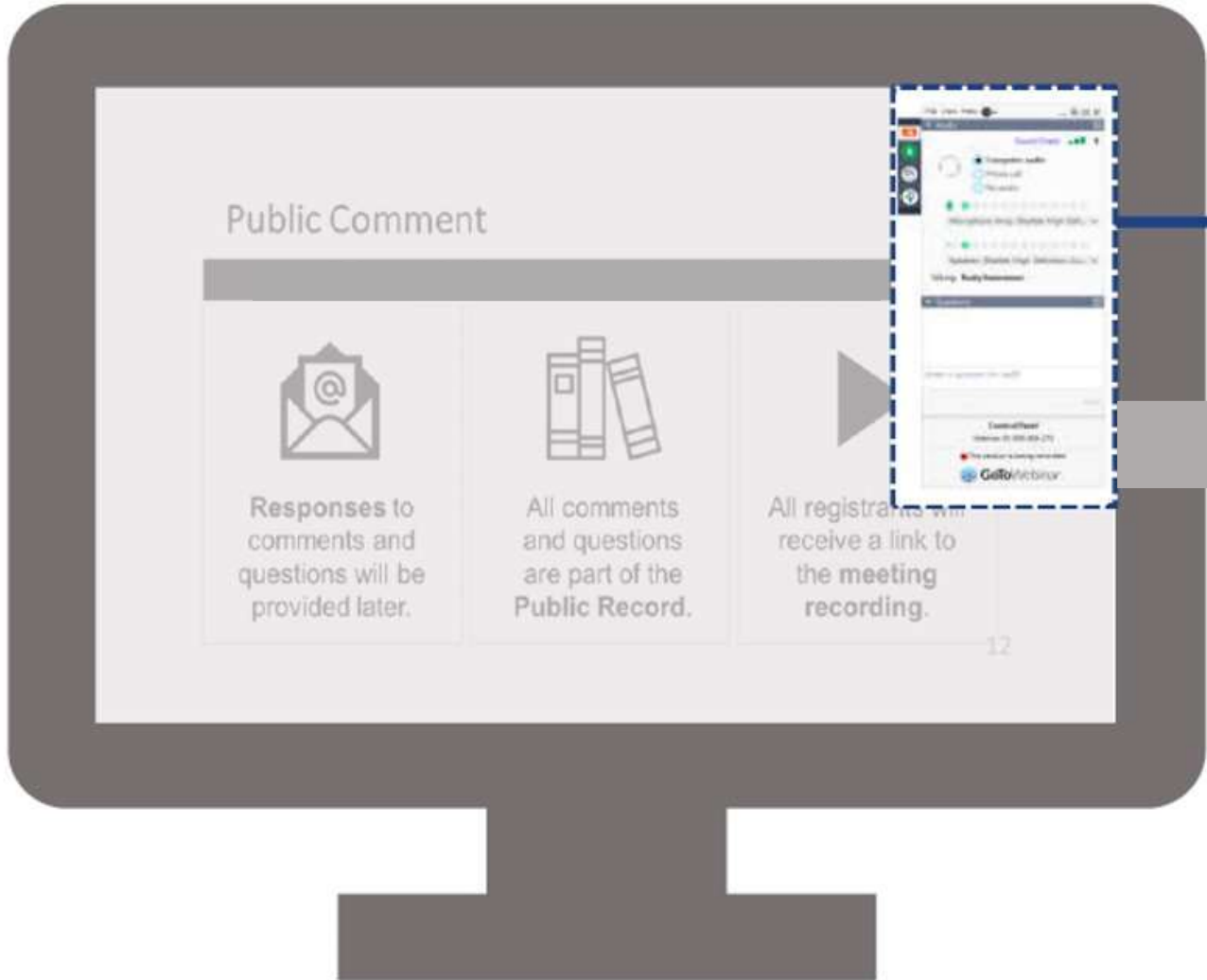


# Question & Answer Session - Panelists

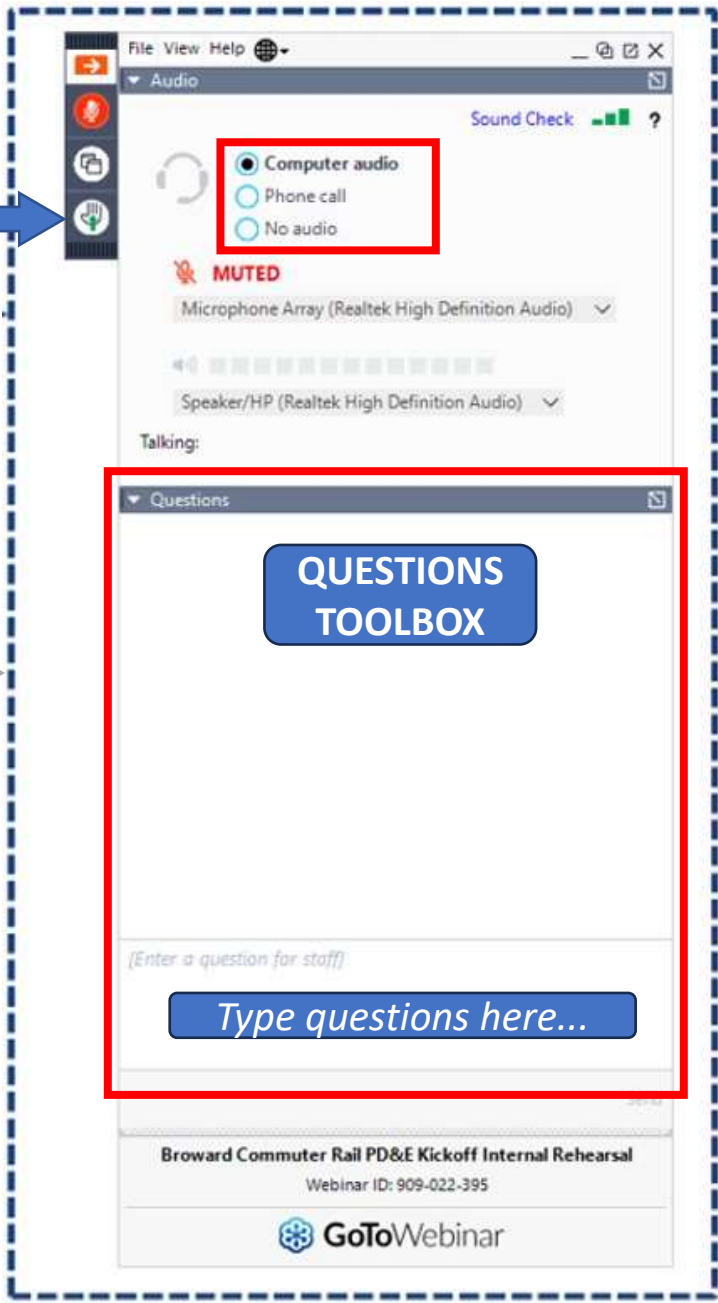
1. **Coree Cuff Lonergan - Broward County Director of Transportation**
2. **Jie Bian – Broward County Transit Project Manager**
3. **Phil Schwab – FDOT Project Manager**
4. **Mike Ciscar – Consultant PD&E Project Manager**



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