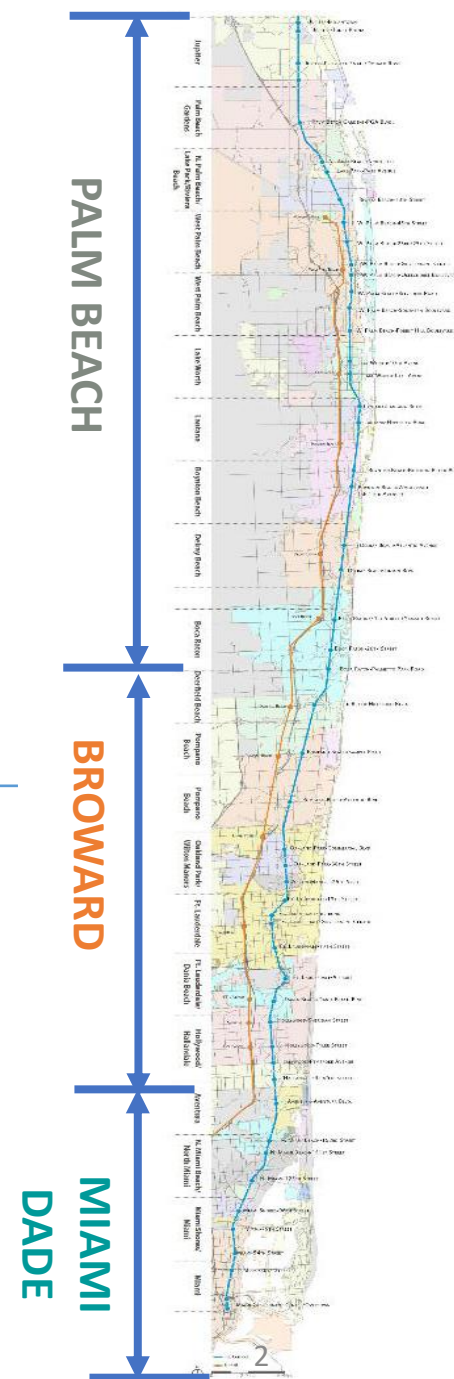
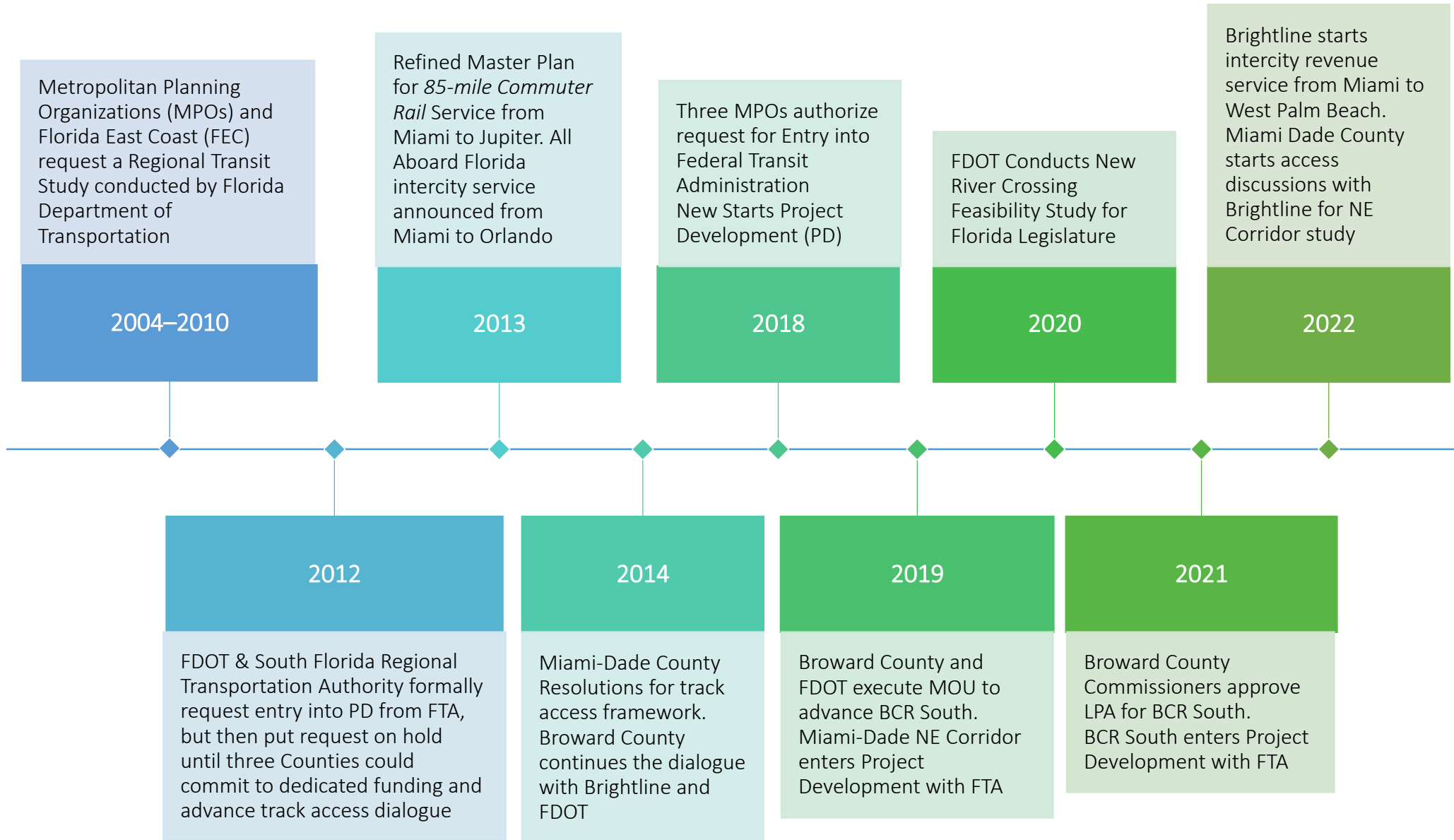


Broward Commuter Rail South

Hollywood

11/28/23

HISTORY OF THE CORRIDOR



IMPORTANCE AND BENEFITS OF COMMUTER RAIL



ECONOMIC & RESIDENTIAL GROWTH

- Increase business investment
- Increase tax base
- Incentive to 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



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

Hours of Operation	Headway (minutes)
Monday to Friday	
5 – 9 A.M.	30
9 A.M. – 4 P.M.	60
4 – 8 P.M.	30
8 – 11:30 P.M.	60
Weekends and Holidays	
6:00 A.M. – 11:30 P.M.	60

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



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

BCR SOUTH STUDY OBJECTIVES

- Study balances the needs of freight and passenger rail traffic, and the community for best overall benefit
- PD&E Study will evaluate a Build and a No-Build Alternative
- Optimizing alternatives to improve safety, reduce impacts, enhance surrounding project area, and recommend a cost feasible project
- Solicit stakeholder input to help inform the concept development and analysis
- Maintain eligibility and competitiveness for Federal Funds



ENVIRONMENTAL CONSIDERATIONS



Social Environment

Social Resources
Economic
Land Use Changes
Mobility
Aesthetic Effects
Relocation
Recreational Section
4(f)(Parks and Preserves)



Natural Environment

Wetlands
Protected Species
Essential Fish Habitat
Water Resources
Floodplains
Special Designations



Physical Environment

Farmlands
Noise
Air Quality
Contamination



Cultural Environment

Historic Resources
Archaeological Resources
Involves Coordination with
the State Historic
Preservation Officer

TRAFFIC ANALYSIS APPROACH

Roadway Traffic Analysis Locations

- East-West At-Grade Railroad Crossings at 25 locations
- Proposed Station Areas

Evaluation of Existing, No-Build, and Build Alternatives

- The PD&E Study is analyzing 7 crossings based on location, number of lanes, traffic volumes, proximity to a BCR Station, and proximity of adjacent intersections
- These 7 crossings will represent the operations of the 25 locations
- Three crossings were selected for a detailed microsimulation analysis to evaluate overlapping train events

Step-By-Step Process

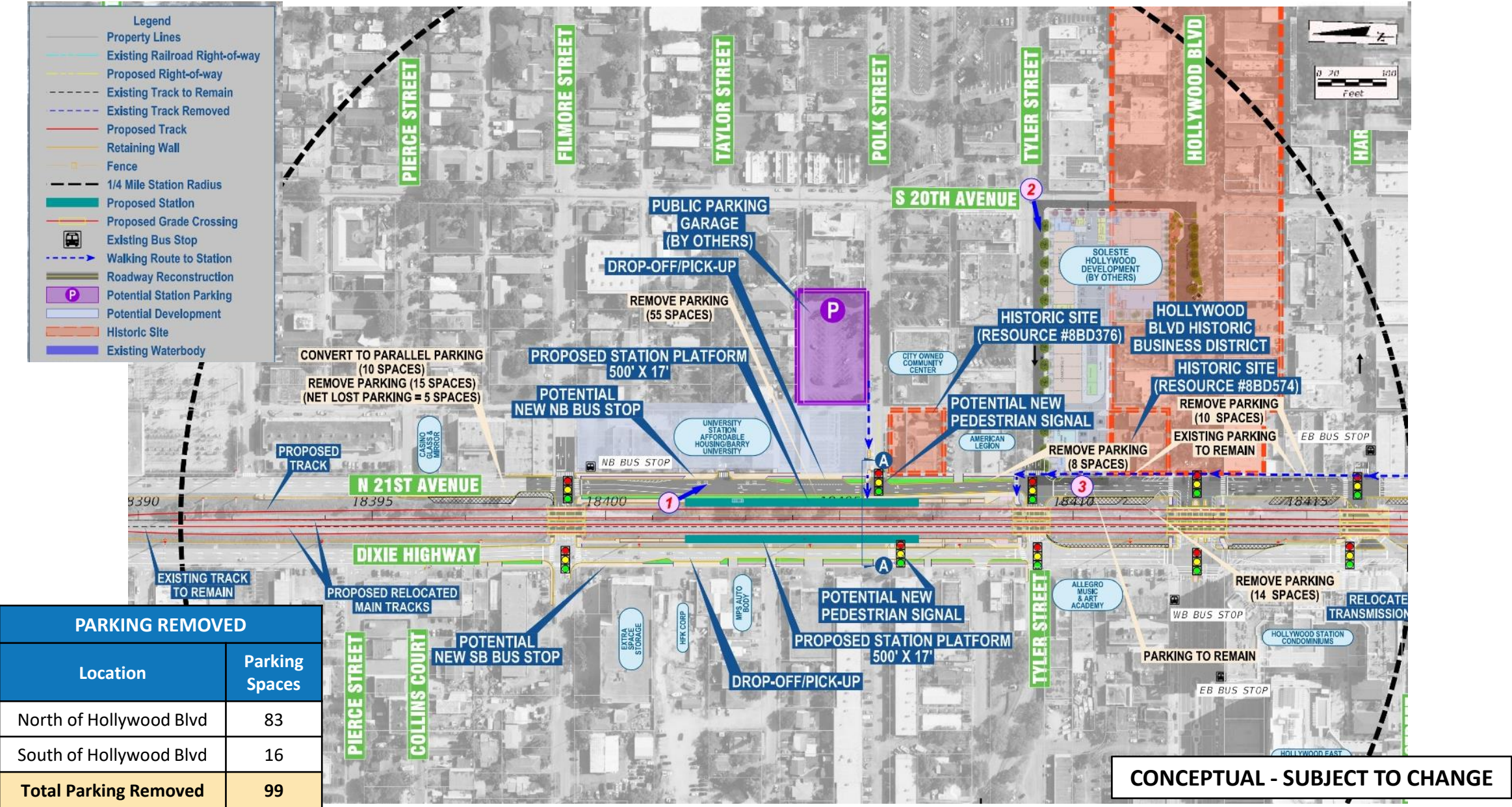
1. Identify traffic analysis locations
2. Collect traffic data
3. Estimate future traffic demand
4. Perform traffic operational analysis (existing & future)
 - Intersections level of service
 - Queuing analysis
 - Four Train Events: No Trains, Freight Trains, Brightline Trains and BCR Trains



TYPICAL STATIONS

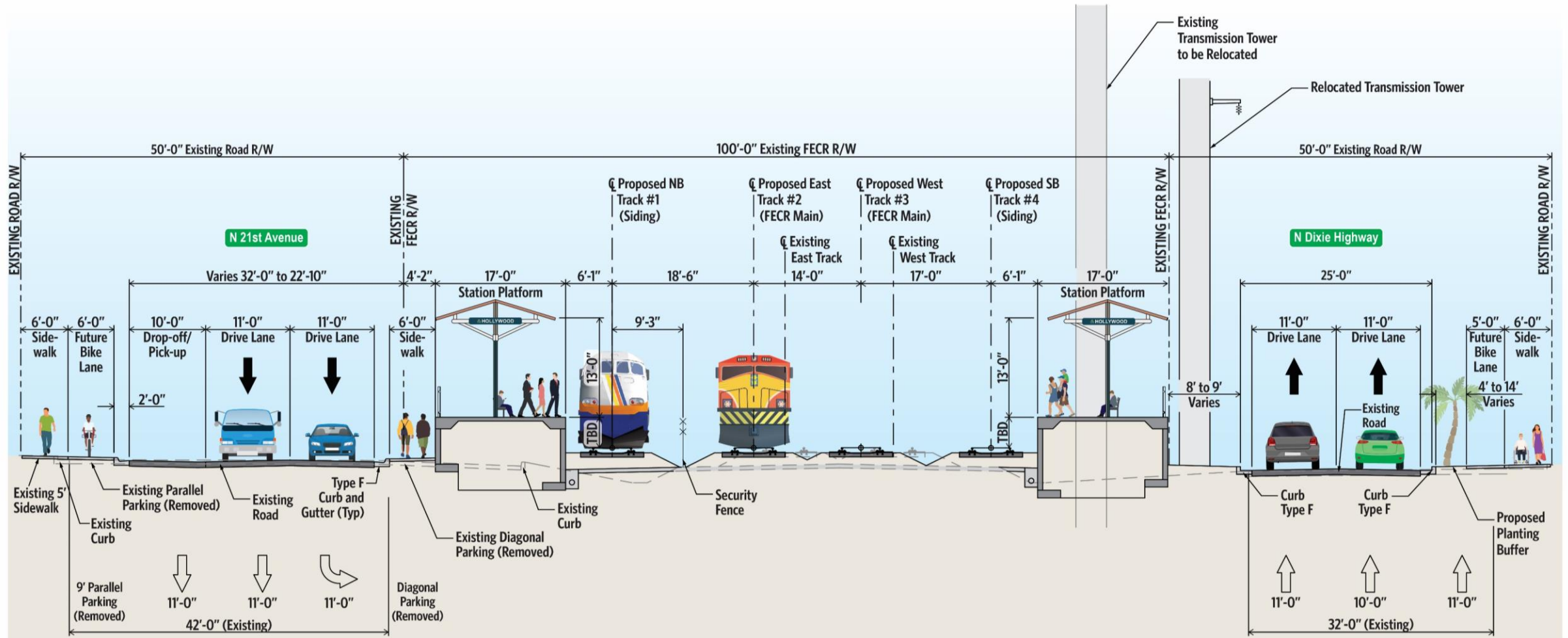
- Commuter Rail Stations similar to Sun-Rail Station Platforms and Canopies
- Commuter Rail Line expected to be branded as continuation of service from Miami-Dade County into Broward County
- Approx. 17-foot Width & Approximately 500-foot Length
- Requires additional tracks/sidings to prevent interference with freight and intercity service (significant cost & space implications)
- Broward County is evaluating potential station features to include:
 - Bus Bays
 - Customer Drop-offs
 - Customer Restrooms
 - 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

HOLLYWOOD STATION

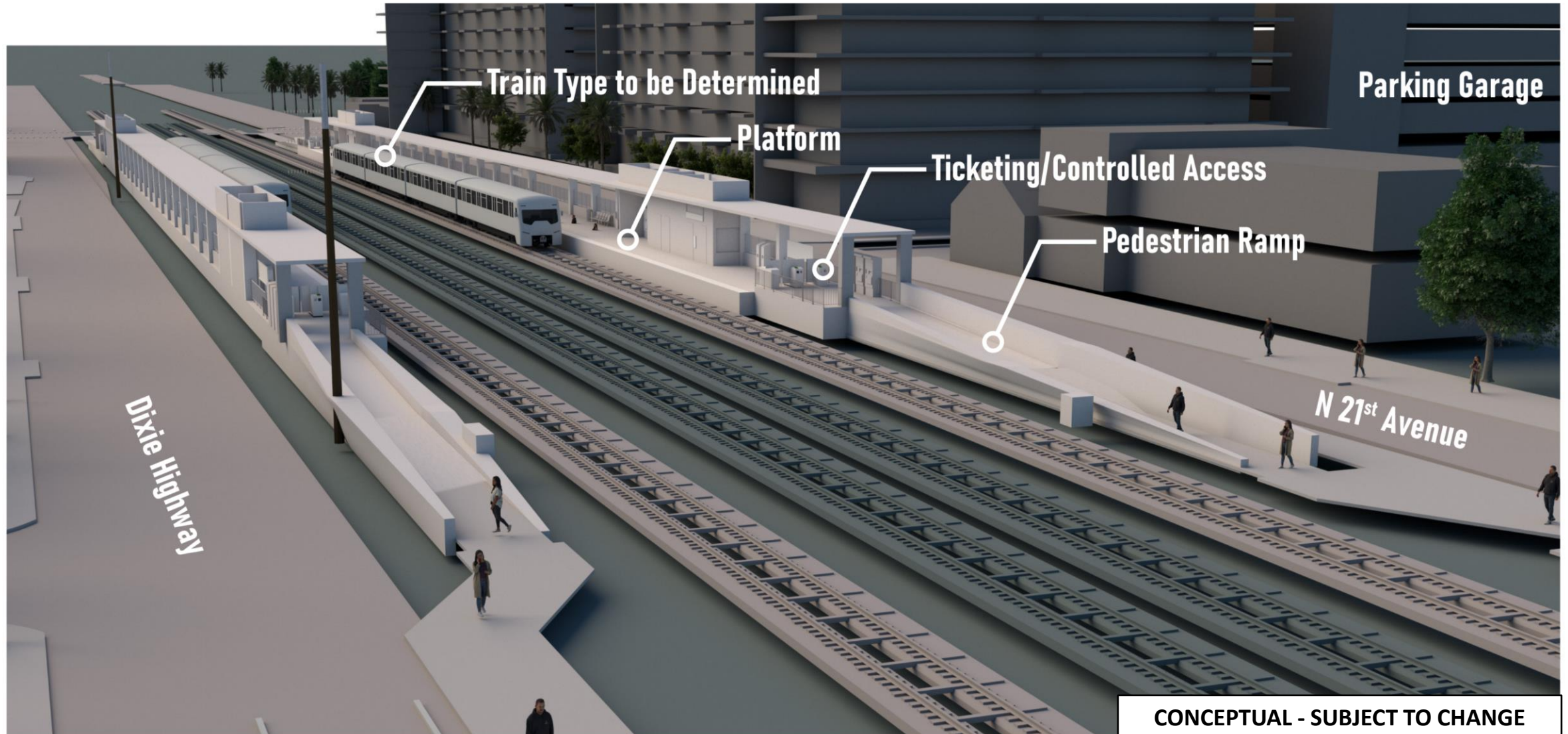


HOLLYWOOD STATION

Typical Section A-A: Hollywood Station - Looking South



HOLLYWOOD STATION





FUNDING APPROACH

BCR South:

- Accepted into Project Development with FTA as Small Starts Project
- Project Capital Costs must be below \$400M. The current YOE Estimated Cost is \$317M
- Maximum Small Grant Agreement is just under \$150M
- No Engineering phase is required for the Small Starts Grant Agreement (SSGA)

NE Corridor:

- Accepted into Project Development with FTA as New Starts Project
- Project Capital Costs are estimated at approx. \$538M and anticipate the New Starts Grant to cover 49% of costs
- Expected to complete Project Development Phase in Spring 2024
- Project must go through an Engineering Phase for final approvals of the Full Funding Grant Agreement (FFGA)

NEXT STEPS



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.

**It is anticipated that federal funding and construction could begin as early as 2025 with a successful grant submission.*



**WE WANT
YOUR FEEDBACK**