

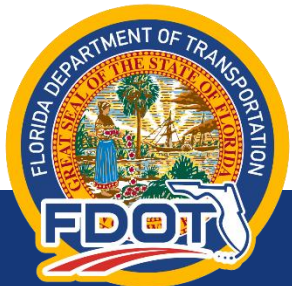


D4 Freight Connectivity Overview

Presented to:

Palm Beach MPO – Citizens Advisory Committee

December 3rd, 2025



Florida Department of Transportation



Agenda Items:

- Background
- Freight Activity and Network Analysis
- Truck System Safety Analysis
- Truck Parking Supply and Demand Analysis

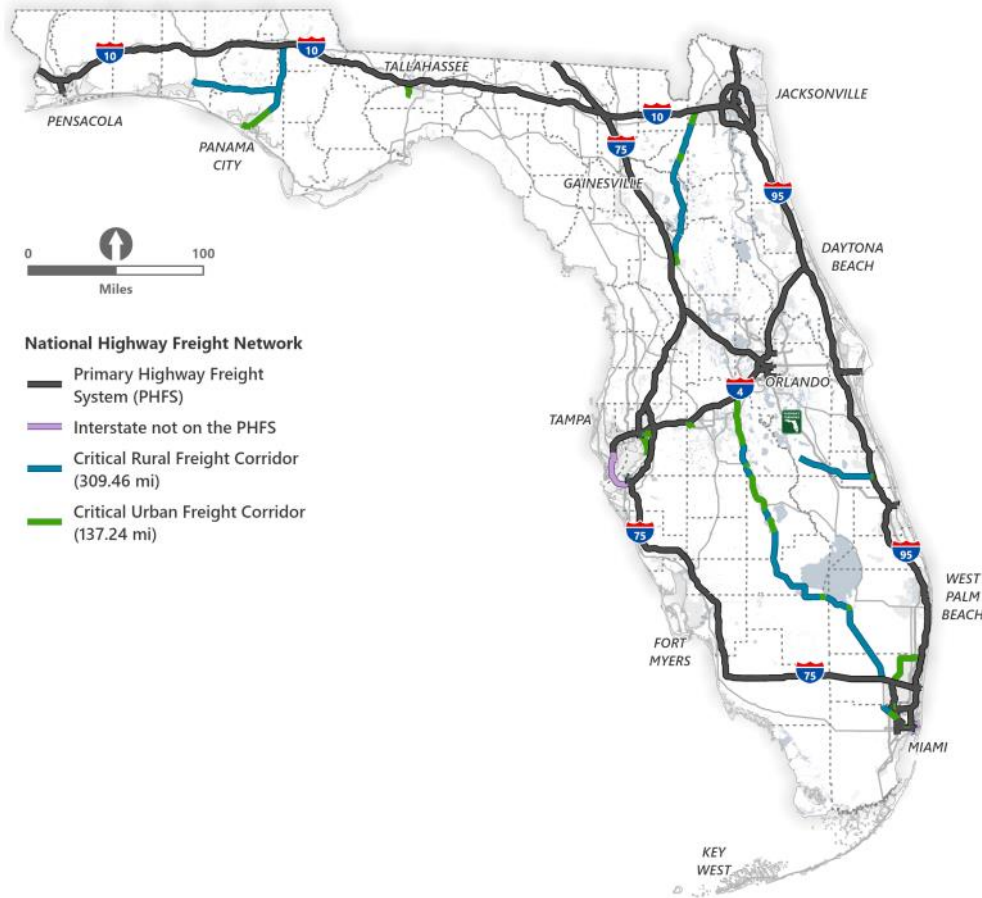


FDOT Freight Mobility & Trade Plan

- The Freight Mobility & Trade Plan (FMTP) is a comprehensive plan that identifies freight transportation facilities critical to the state's economic growth and guides multimodal freight investments in the state.
 - To receive funding under the **National Highway Freight Program** (23 U.S.C. 167), the FAST Act requires the development of a state freight plan which must comprehensively address the state's freight planning activities and investments both immediate and long-range.
- Freight Mobility and Trade Plan Executive Summary
 - Technical Memorandum 1 Freight Systems and Assets
 - Technical Memorandum 2 Freight Conditions and Performance
 - Technical Memorandum 3 Freight System Trends
 - Technical Memorandum 4 Needs and Issues
 - Technical Memorandum 5 Policies and Strategies
 - Technical Memorandum 6 Project Prioritization
 - Technical Memorandum 7 Investments
 - Technical Memorandum 8 Implementation



National Highway Freight Program

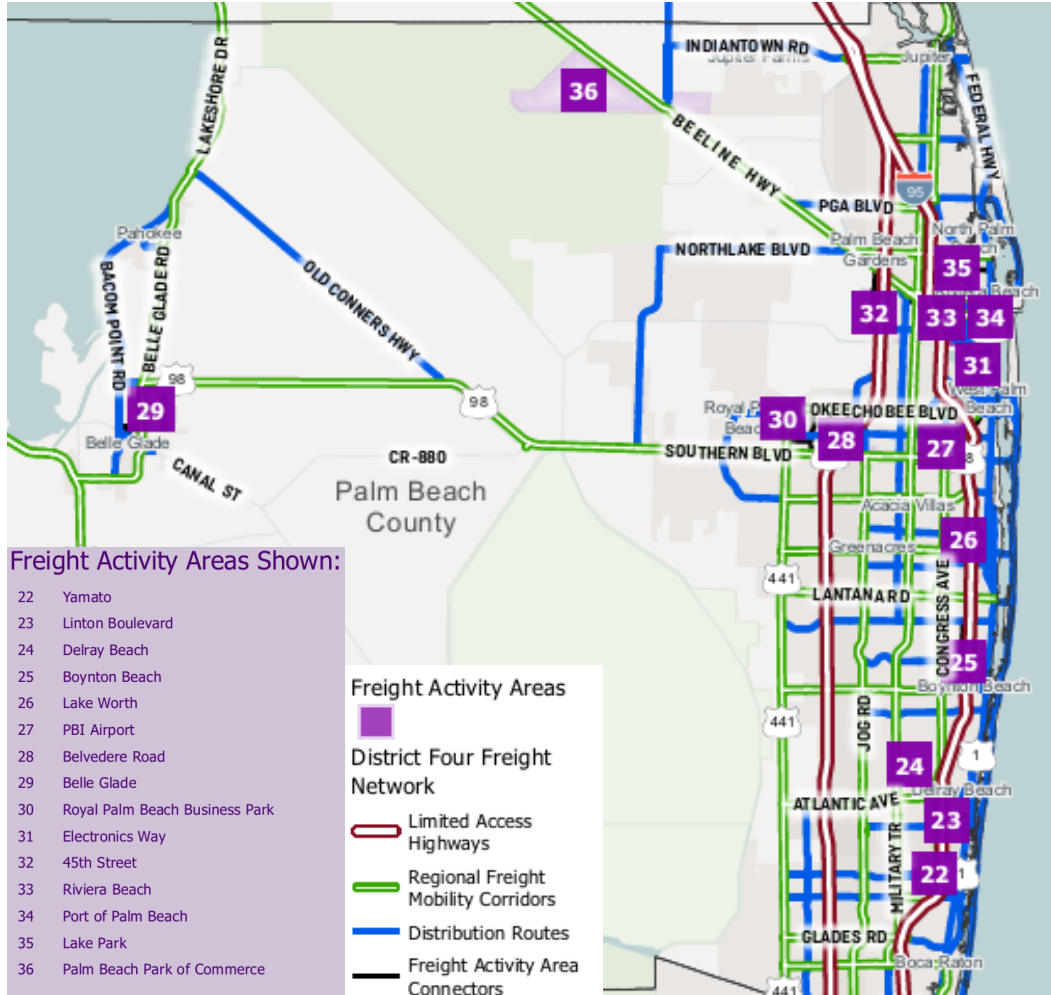


Source: FDOT & FHWA (2024)

- The federally funded National Highway Freight Program (NHFP) is a formula-based program that supports investments across the U.S.
- Approximately \$65M annual funding for Florida
- National Highway Freight Network (NHFN)
 - Primary Highway Freight System (PHFS)
 - Critical Rural Freight Corridors (CRFC)
 - Critical Urban Freight Corridors (CUFC)



2024 Freight Activity and Network Analysis



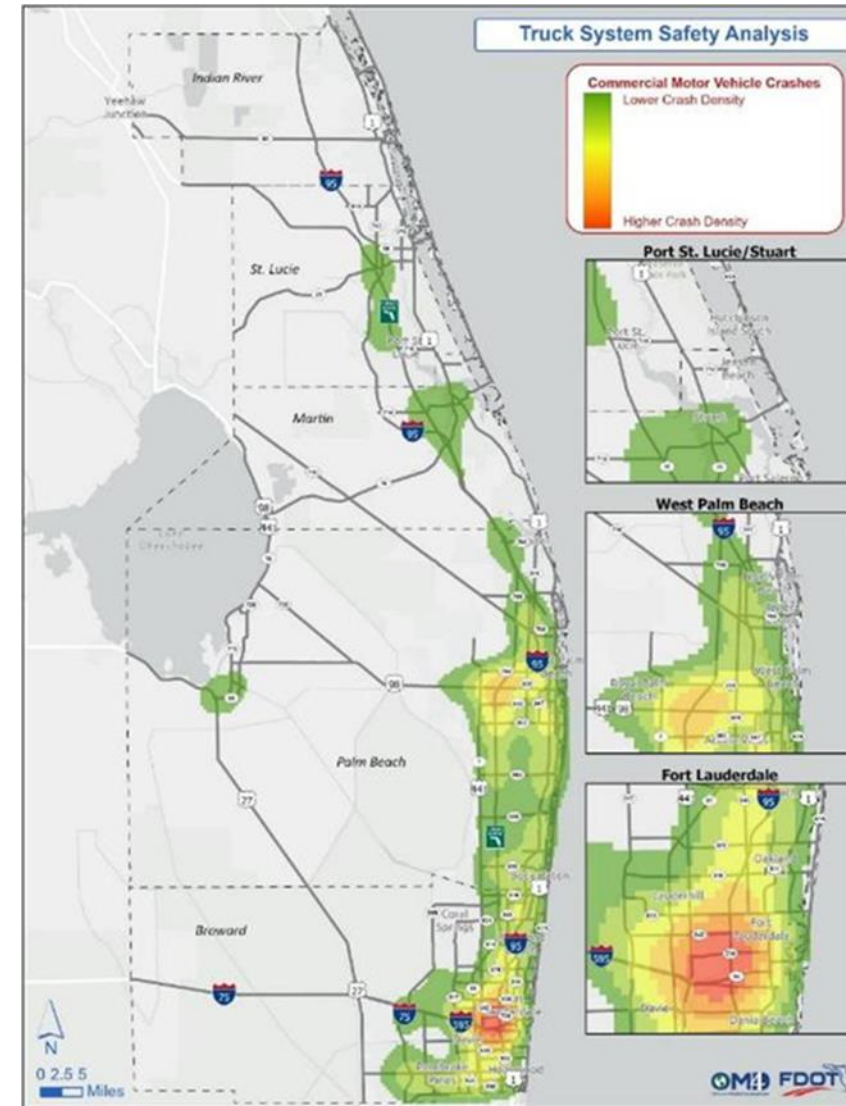
Purpose and Need

- **Economic Engines:** Freight Activity Areas drive regional employment, manufacturing, and logistics, generating intensive freight activity.
- **Roadway Designations:** Reflect function, truck traffic, and freight connectivity, supporting efficient regional and last-mile freight access.
- **Strategic Focus:** Identified to guide investment in infrastructure that supports safe, efficient goods movement and economic growth.

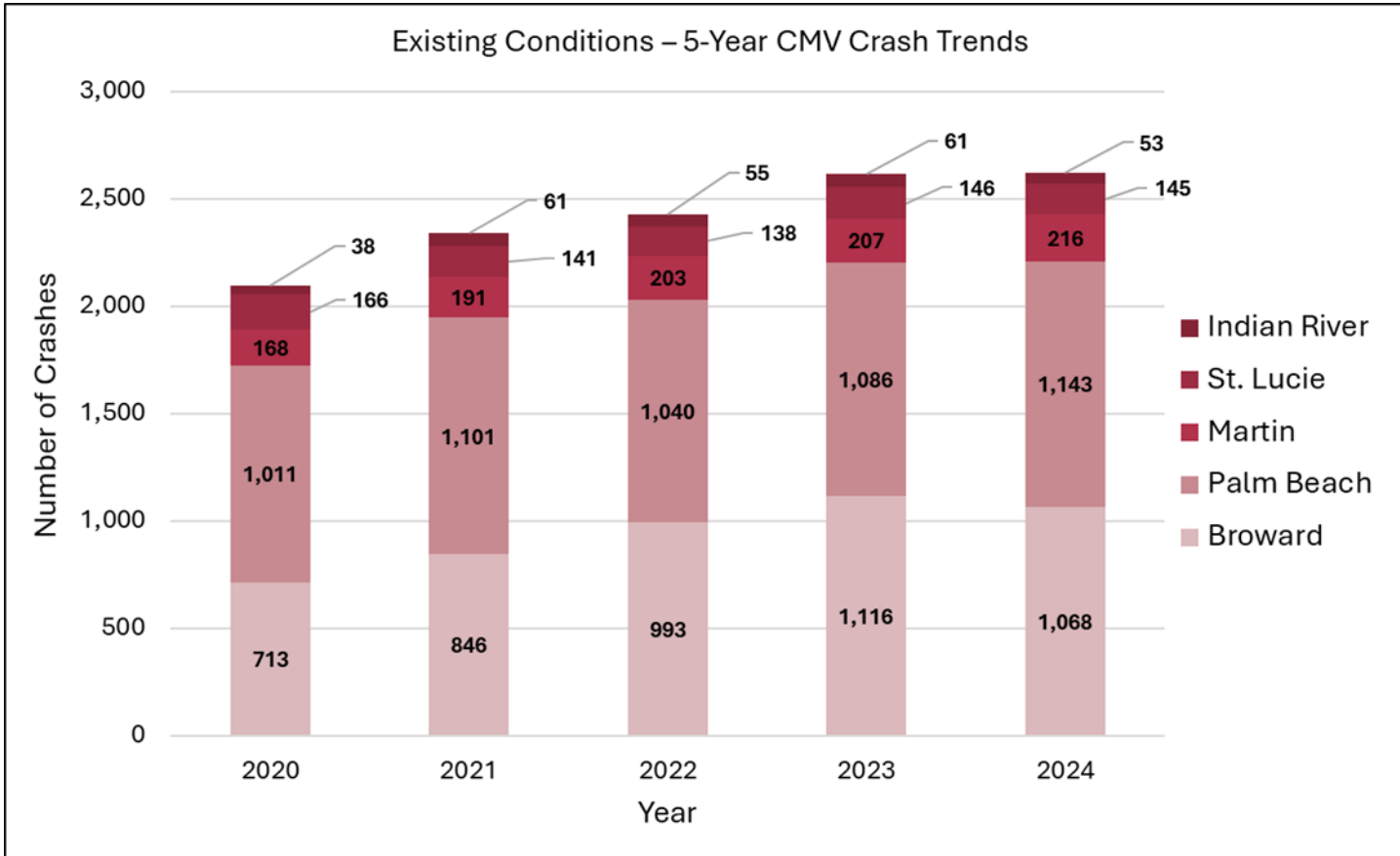


2025 Truck System Safety Analysis

- **Improve security and safety** of D4's freight system in alignment with **Target Zero**
- **Evaluate** current **safety processes** and **identify high Commercial Motor Vehicle (CMV) crash locations** and supply chain impacts
- **Determine safety process updates** and crash countermeasures recommendations



2025 Truck System Safety Analysis



Freight Safety Process Improvement Plan

- Countermeasures and Improvements
 - Short-Term (1 to 3 years) – Operational
 - Medium-Term (4 to 5 years) – Operational and Capital
 - Long-Term (beyond 5 years) – Capital
- Freight safety process enhancements and implementation timelines
- Identification of potential funding sources for identified improvements and enhancements



The Truck Parking Challenge

National Challenge:

- **1 space** for every **11 trucks**
- Truck drivers spend on average **1 hour** looking for parking each day. That wasted time is estimated to cost drivers **\$5,500** per year.
- **58%** of drivers say they have parked in unauthorized places at least **three** times a week.

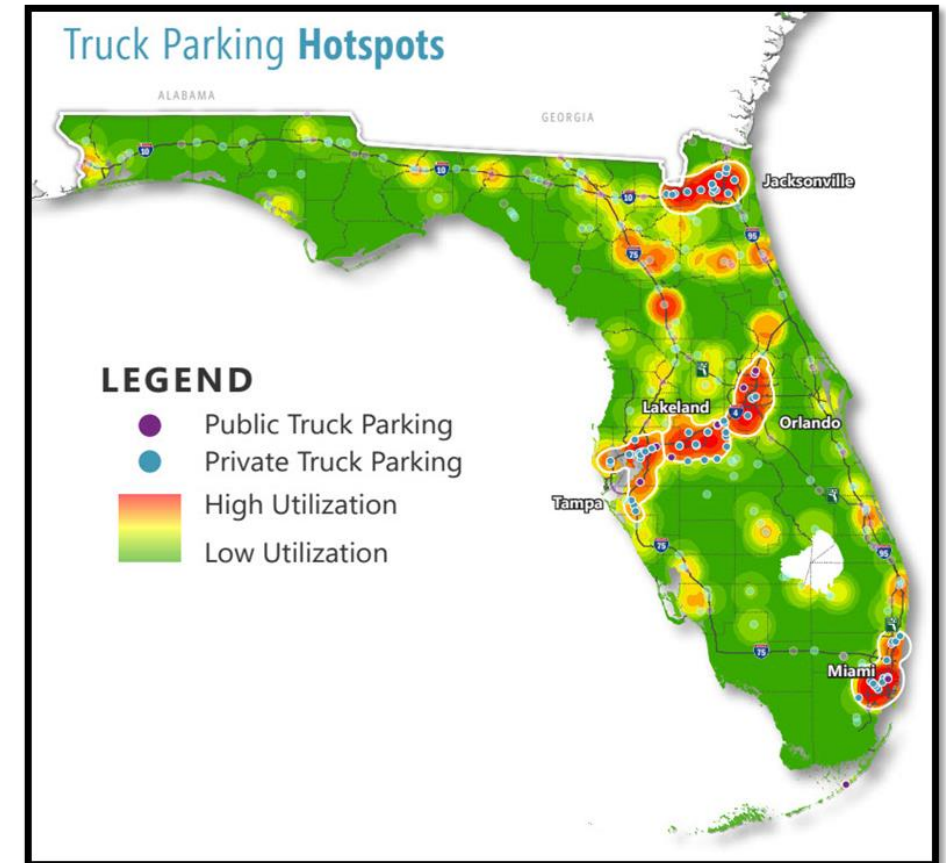
(American Transportation Research Institute, American Transportation Association and Owner Operator Independent Drivers Association)

Florida Challenge:

Most truck parking facilities along Florida's interstates experience overcrowding during any given 24-hour period.

- Mostly overnight (peak utilization 9pm-5am)
- Tuesday, Wednesday, and Thursday generally experience the highest rates

(FDOT 2023 Truck Parking Implementation Plan)

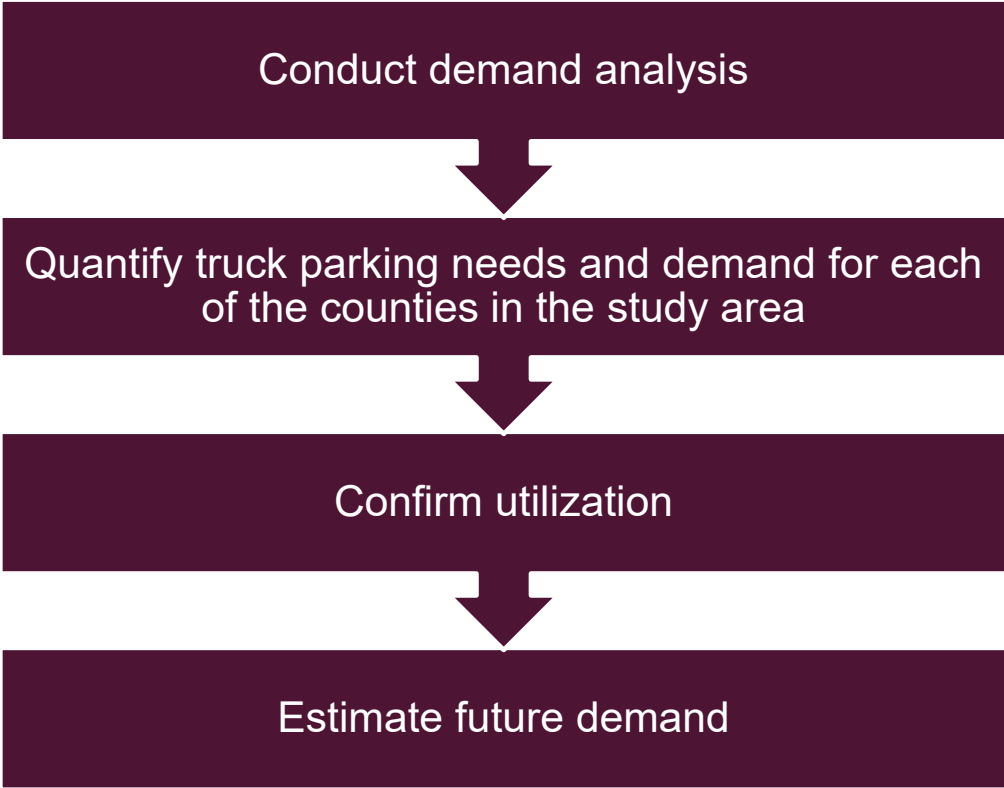


(FDOT 2020 Statewide Truck Parking Study)



2025 Truck Parking Supply and Demand Analysis

Methodology:



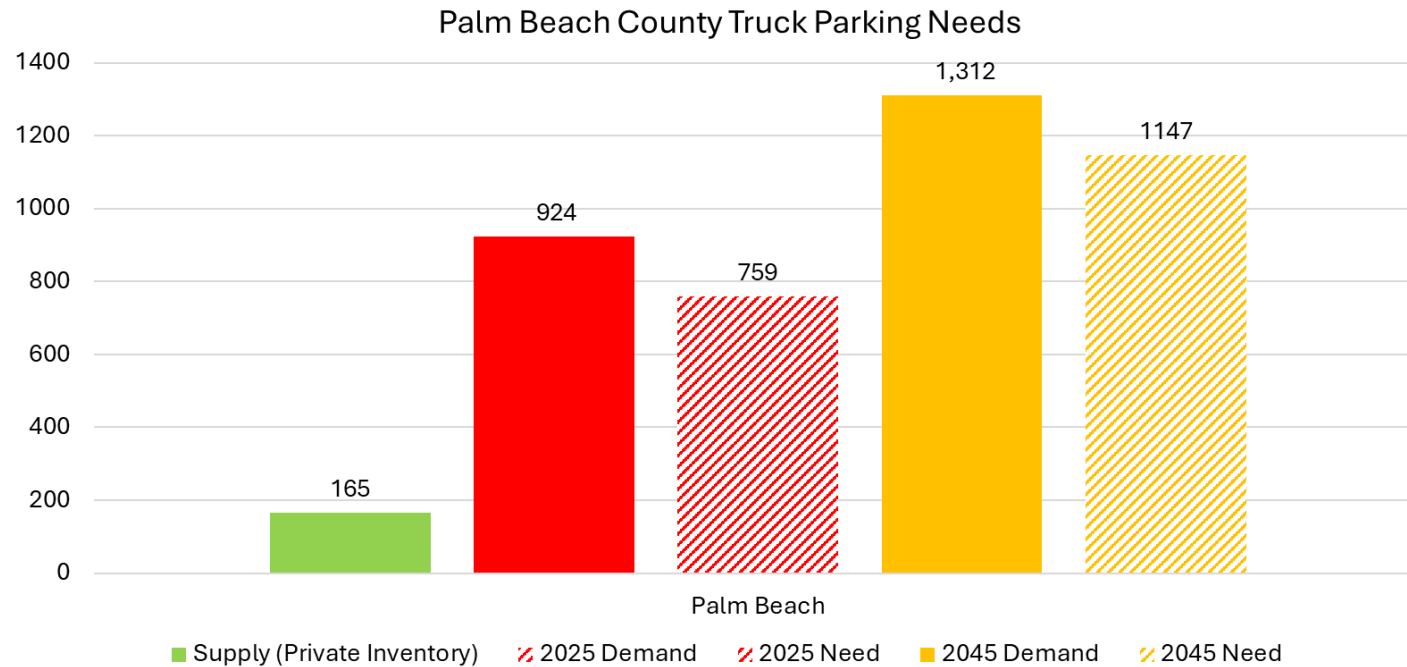
Palm Beach Existing Conditions:

County	Number of Sites 2017*	Number of Sites 2024	Average Number of Spaces / Site	Number of Spaces 2024
Palm Beach	5	5	33	165

*Based on 2017 District 4 Truck Parking Supply and Demand Study



Truck Parking Supply/Demand and Needs 2025 – 2045 Based on Average Authorized and Unauthorized Demand



Based on **30-minute** stop duration

Current Inventory **165** spaces





Thank You

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