



FREIGHT VILLAGE COUNTYWIDE ANALYSIS STUDY

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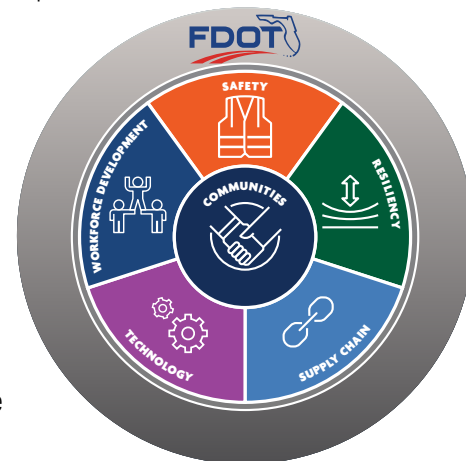
Florida Department of Transportation - District Six

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The Florida Department of Transportation (FDOT) initiated the Freight Village Countywide Analysis Study in August 2023 to develop a bank of freight infrastructure projects that meet existing and future freight needs to achieve the Department's overall goal to improve Florida's standing as a hub for trade, logistics, and international trade. The study area is Miami-Dade County, which serves as the largest freight hub in Florida and is a primary gateway to Latin America. The area is home to Miami International Airport (MIA), a major hub for air freight; PortMiami, a global nexus for maritime cargo; the Florida East Coast (FEC) Railway facilitating efficient rail transport; a complex roadway network crucial for trucking; and extensive waterways that support diverse shipping activities.

Building upon the region's world-class trade facilities and networks, the Study aligns with the FDOT Compass to promote:

- **Community** by enhancing connectivity and accessibility, fostering economic growth, and ensuring the integration of freight activities
- **Safety** by elevating the system's state-of-good-repair, mitigating risks, and improving network conditions
- **Resilience** by recommending infrastructure improvements capable of withstanding environmental and operational stresses, ensuring uninterrupted freight operations
- The **Supply Chain** by optimizing the region's transportation systems to streamline the flow of goods and reduce inefficiencies in the network
- **Technology** by advancing new and emerging freight-related solutions that improve freight safety and delivery
- **Workforce Development** by supporting training programs and partnerships that focus on equipping the workforce with the necessary skills to manage evolving freight and logistics technologies and processes



Study Approach

- Engage With Agencies, Partners, and Stakeholders
- Collect and Review Data
- Prepare an Overview of Policies and Programs Supporting Freight and How to Implement Investments
- Identify the Current Conditions of Key Freight Facilities
- Prepare an Overview of Operations and Performance of the Freight and Logistics Network
- Assess Freight Mobility Needs:
 - Roadway Network and Truck Parking
 - Railroad Network
 - Miami International Airport
 - PortMiami
 - Freight Activity Areas and Intermodal Logistics Centers
 - Technological and Innovative Applications
- Prioritize Freight Development Actions
- Work Program Inclusion
- Develop a Database to Capture Freight-Related Network
- Infrastructure and Performance Information
- Findings And Recommendations

Study Objectives

The Study's overall goal is to identify infrastructure improvements that will address short and long-term freight mobility needs across Miami-Dade County to complement the recently completed work in Monroe County. Key activities include the following:

- Provide an updated profile of the state of freight and logistics in Miami-Dade County.
- Describe the policy, regulatory, and funding framework for freight planning.
- Characterize history, emerging, and anticipated trends driving freight and logistics activity.
- Examine resources, current funding, performance, needs outlook, shortfalls, and options and strategies for addressing future requirements.
- Devise potential solutions to identified needs.
- Develop a freight infrastructure project bank.
- Develop an implementation plan with strategies and action items for each project to advance through the FDOT Work Program.

