Central Florida Truck Parking Study

Phase I: Existing Conditions and Demand Estimation

Background

As the State's population continues to grow and freight movement responds to commercial and consumer demands, truck parking needs must be addressed to ensure the trucking industry has the necessary infrastructure to serve global trade while complying with trucking regulations and the quality of life of nearby communities.

Truck parking shortages are a national safety concern and inadequate supply of truck parking locations and spaces can result in negative consequences.

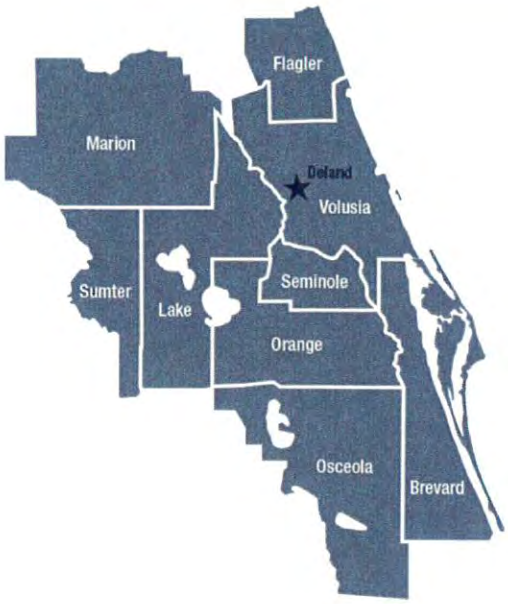
Study Area

9
Counties

9,000
Square Miles

2,124
Centerline Miles of State Highway

4 Million
Residents



Study Purpose

While recognizing that new technologies, such as vehicle automation, are being explored, this study will focus on traditional truck movements and will provide initial recommendations to address the shortage of available spaces and plan for the anticipated need over the next 20 years.

To plan for steady growth in the District and support the on-going expansion in truck parking infrastructure, this study will seek to understand existing facilities, the unmet parking need and demand for truck movements in today's economy, and the regulations and policies in order to provide adequate truck parking capacity.

Methodology

- **Partner & Stakeholder Engagement**
- **Develop Inventory of Existing Truck Parking**
- **Evaluate Truck Parking Supply & Demand**
- **Document Sample Truck Parking Usage**
- **Forecast Future Truck Parking Demands**
- **Identify Needs, Opportunities & Next Steps**

Contact

Jeremy Upchurch
District Freight Coordinator
(386) 943-5026

For More Information

Visit the District Five page under the Local and Regional Initiatives tab on the **Freight Moves Florida** website for available study materials and additional information.

DISTRICT FIVE
TRUCK PARKING STUDY

Status Update

River to Sea TPO

August 2018

BACKGROUND & NEED

Truck Parking Conditions

- **Jason's Law** and Subsequent Industry Surveys
- Projected growth in truck volumes **tied to economic growth** of the State
- Observed **Challenges** and Community **Impacts**

Study Purpose

- UNDERSTAND ISSUES
- ENGAGE STAKEHOLDERS
- PLAN FOR FUTURE
- IDENTIFY OPPORTUNITIES

WORK TO DATE

- ✔ Develop Inventory of Existing Truck Parking
- ✔ Document Sample Truck Parking Usage
- ✔ Evaluate Truck Parking Supply and Demand
- ✔ Forecast Future Truck Parking Demands

- ⟳ Needs, Opportunities, and Next Steps
- ⟳ Planning Partner and Stakeholder Efforts

Legend: ✔ Task Complete ⟳ Task In-Progress

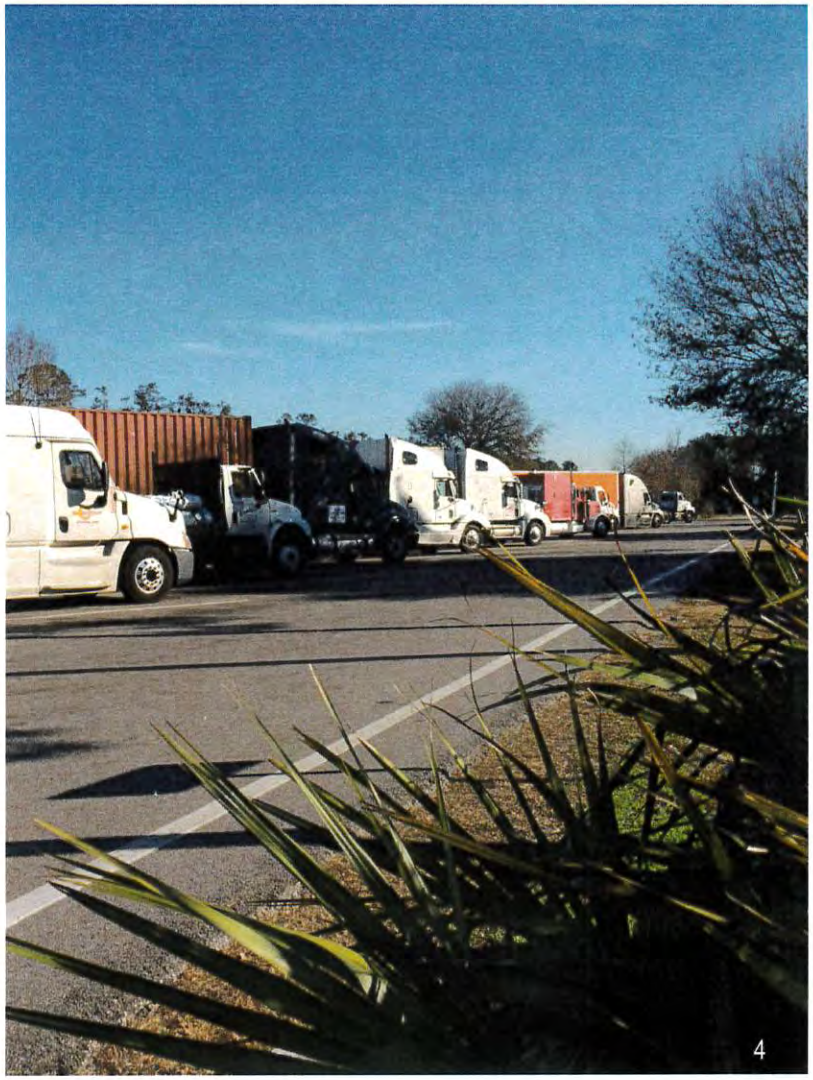
IDENTIFYING NEEDS

Multiple Approaches – Common Findings

Stakeholder Feedback
(What we heard)

Field Observations
(What we observed)

Demand Estimation
(What we estimated)



INTERSTATE HIGHWAY COMPARISON

Parking Supply & Demand

Central Florida's Interstate Highways

Interstate 4	Interstate 75	Interstate 95
Average Demand: 550	Average Demand: 518	Average Demand: 472
Available Spaces: 89	Available Spaces: 728	Available Spaces: 424

BEST PRACTICES & OPPORTUNITIES

Infrastructure

Information

Funding

ENGAGEMENT NEXT STEPS

- **MPO Coordination**
  - River to Sea TPO
  - MetroPlan Orlando
- **County Coordination**
  - Orange County
  - Seminole County
  - Volusia County
- **Central Florida MPO Alliance**
  - October 12, 2018

TECHNICAL NEXT STEPS

- **Identification of Best Practices and Opportunities for Implementation**
- **Complete Documentation and Final Report**

CONTACT

Jeremy Upchurch
District Five Freight Coordinator
386.943.5026
Jeremy.Upchurch@dot.state.fl.us

RIVER TO SEA TPO
Transportation Planning Organization
VISION - PLAN - IMPLEMENT

Technical Coordinating Committee (TCC)
Meeting Summary
August 21, 2018

- Approved the June 19, 2018 TCC meeting minutes
- Recommended approval of Resolution 2018-## amending the FY 2018/19 to 2022/23 Transportation Improvement Program (TIP)
- Recommended approval of Palm Coast request for additional funding for the Seminole Woods/SR 100 intersection improvements and approved a motion recommending the TPO Board incorporate this project into the TIP amendment
- Recommended approval of Resolution 2018-## adopting the 2018 "Tell the TPO" Survey Campaign Summary
- Received a video presentation of the R2CTPO FY 2017/18 Year in Review
- Received a PowerPoint presentation of Regional Truck Parking Study
- Received a presentation of Port Orange request for additional funding for the North Spruce Creek Road Sidewalk/SUN Trail Gap and approved a motion recommending the TPO Board provide a letter of support for the City of Port Orange's preferred route of the St. Johns River to Sea Loop Trail along Spruce Creek Road
- Received a PowerPoint presentation of the draft Roadway Safety Evaluation and Improvement Study
- Received a PowerPoint presentation of the draft R2CTPO Bicycle Suitability Map
- Received a PowerPoint presentation of Transportation Performance Measures Implementation
- Received the FDOT report
- Received the Volusia County Construction Report; the Flagler County Construction Report was provided in the agenda
- Received staff update on SIS Designation Criteria Policy; Development of Regional List of Priority Projects; and CFTPM 2015 S/E Data Review
- Announced resignation of TPO Transit Planner, Mr. Vincent Wang

*****The next TCC meeting will be on Tuesday, September 18, 2018*****

RIVER TO SEA TPO
Transportation Planning Organization
VISION - PLAN - IMPLEMENT

Citizens Advisory Committee (CAC)
Meeting Summary
August 21, 2018

- Introduced new CAC member, Mr. Roger Strcula, representing Ormond Beach
- Approved the June 19, 2018 CAC meeting minutes
- Recommended approval of Resolution 2018-## amending the FY 2018/19 to 2022/23 Transportation Improvement Program (TIP)
- Recommended approval of Palm Coast request for additional funding for the Seminole Woods/SR 100 intersection improvements and approved a motion recommending the TPO Board incorporate this project into the TIP amendment
- Recommended approval of Resolution 2018-## adopting the 2018 "Tell the TPO" Survey Campaign Summary and announced the committee challenge winner is the TCC
- Received a video presentation of the R2CTPO FY 2017/18 Year in Review
- Received a PowerPoint presentation of Regional Truck Parking Study
- Received a staff presentation of Port Orange request for additional funding for the North Spruce Creek Road Sidewalk/SUN Trail Gap
- Received a PowerPoint presentation of the draft Roadway Safety Evaluation and Improvement Study
- Received a PowerPoint presentation of the draft R2CTPO Bicycle Suitability Map
- Received a PowerPoint presentation of Transportation Performance Measures Implementation
- Received the FDOT report
- Received the Volusia County Construction Report; the Flagler County Construction Report was provided in the agenda
- Announced staff update on SIS Designation Criteria Policy, Development of Regional Priority Project Lists and CFRPM 2015 S/E Data Review will be emailed due to time constraints
- Announced resignation of TPO Transit Planner, Mr. Vincent Wang

*****The next CAC meeting will be on Tuesday, September 18, 2018*****