



# FDOT's Use of SHRP2 Solutions



Gerard O'Rourke,  
Freight, Logistics and Passenger Operations  
Administrator, FDOT

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U.S. Department of Transportation  
Federal Highway Administration

AMERICAN ASSOCIATION  
OF STATE HIGHWAY AND  
TRANSPORTATION OFFICIALS

AASHTO

# Freight Modeling and Data Improvement (C20)

## Benefits:

- Freight planners and decision makers will have the tools and data to consistently evaluate projects that affect freight movement.
- State, regional, and local planners can better predict movement trends and make informed project investment decisions



## Next Steps:

- Host **eight regional workshops in 2016** to foster discussion about data needs and potential solutions across public, private, and academic sectors
- Explore how **supply chain behavior** can be incorporated into demand models at all levels (national, regional, state, metropolitan, and local)
- Explore how **private sector supply chain data** can be aggregated and used for public sector freight transportation planning purposes

# Florida's Implementation

## GPS Data for Truck-Route Choice Analysis of Port Everglades Petroleum Commodity Flow

- Goal - develop new methods of data collection and better understand the supply and demand chain for petroleum commodities

*Fuel storage tanks at Port Everglades*



### *Project Contacts*

- Dr. Min-Tang Li, FDOT
- Frank Tabatabee, FDOT
- Dr. Abdul Pinjari, USF

[http://www.dot.state.fl.us/research-center/Completed\\_Proj/Summary\\_PL/FDOT-BDV25-977-17-rpt.pdf](http://www.dot.state.fl.us/research-center/Completed_Proj/Summary_PL/FDOT-BDV25-977-17-rpt.pdf)

# Railroad-DOT Mitigation Strategies (R16)

## Challenge

Railroad-DOT interaction requires a thorough review of the safety, engineering, and operating effects the roadway project will have on the respective railroad during construction and for decades thereafter. Rapid highway construction goals require a new approach that eases the project agreement process for both industries.

## Solution

Recommended practices, model agreements, and training materials to help resolve potential conflicts.



# Florida Implementation

## Flagging Agreement

- Goal – determine best practices associated with CSX flagmen needed during FDOT project construction

*Example FDOT construction project with railroad impacts – SR60 to I-4 Connector*



*Aerial Innovations, Inc.*

### ***Project Contacts***

- Scott Allbritton, FDOT

# For More Information

## Implementation Leads:

**Joe Taylor**

FHWA Product Lead

[Joseph.Taylor@dot.gov](mailto:Joseph.Taylor@dot.gov)

**Pam Hutton**

AASHTO Implementation

Manager

[phutton@aathto.org](mailto:phutton@aathto.org)

**Kate Kurgan**

AASHTO Product Lead

[kkurgan@aathto.org](mailto:kkurgan@aathto.org)

## Additional Resources:

**GoSHRP2**

Website:

[fhwa.dot.gov/GoSHRP2](http://fhwa.dot.gov/GoSHRP2)

**AASHTO SHRP2**

Website:

<http://shrp2.transportation.org>

**GoSHRP2**

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## FDOT Contacts:

**Dr. Min-Tang Li (C20)**

[Min-Tang.Li@dot.state.fl.us](mailto:Min-Tang.Li@dot.state.fl.us)

**Scott Allbritton (R16)**

[Scott.Allbritton@dot.state.fl.us](mailto:Scott.Allbritton@dot.state.fl.us)