FDOT’s Use of SHRP2 Solutions

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

May 25, 2016
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

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.
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:

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joe Taylor</td>
<td>FHWA Product Lead</td>
<td><a href="mailto:Joseph.Taylor@dot.gov">Joseph.Taylor@dot.gov</a></td>
</tr>
<tr>
<td>Pam Hutton</td>
<td>AASHTO Implementation Manager</td>
<td><a href="mailto:phutton@aashto.org">phutton@aashto.org</a></td>
</tr>
<tr>
<td>Kate Kurgan</td>
<td>AASHTO Product Lead</td>
<td><a href="mailto:kkurgan@aashto.org">kkurgan@aashto.org</a></td>
</tr>
</tbody>
</table>

### Additional Resources:

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>GoSHRP2 Website</td>
<td><a href="fhwa.dot.gov/GoSHRP2">fhwa.dot.gov/GoSHRP2</a></td>
</tr>
<tr>
<td>AASHTO SHRP2 Website</td>
<td><a href="http://shrp2.transportation.org">http://shrp2.transportation.org</a></td>
</tr>
<tr>
<td>GoSHRP2 Alert Sign Up</td>
<td><a href="fhwa.dot.gov/goshrp2/contact">fhwa.dot.gov/goshrp2/contact</a></td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:GoSHRP2@dot.gov">GoSHRP2@dot.gov</a></td>
</tr>
</tbody>
</table>

### FDOT Contacts:

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Min-Tang Li (C20)</td>
<td></td>
<td><a href="mailto:Min-Tang.Li@dot.state.fl.us">Min-Tang.Li@dot.state.fl.us</a></td>
</tr>
<tr>
<td>Scott Allbritton (R16)</td>
<td></td>
<td><a href="mailto:Scott.Allbritton@dot.state.fl.us">Scott.Allbritton@dot.state.fl.us</a></td>
</tr>
</tbody>
</table>