Overview of Florida’s ITS CVO Program

FLORIDA’S FUTURE
WHERE WE’RE HEADED

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presented by
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Agenda

- Introduction
- Florida “Proof of Concept” Projects
- Florida’s Future
  - Next Steps - Florida Expanded CVISN
  - The 9 Projects
- Conclusion
Introduction

- **How can governments ensure the safe and secure movement of a growing commercial vehicle industry with limited resources considering the following.**
  - Freight volume is expected to double by 2035
  - Truck vehicle miles traveled are forecasted to increase 60% by 2020
  - State infrastructure and resources to conduct enforcement/regulatory activities already are “overwhelmed” in many states

- **How can the government improve the productivity and mobility of the commercial vehicle industry?**
  - Support key economic sector
  - Improve customer service
Punta Gorda Virtual Weigh Station
Sneads ROCS

- ROCS Viewer
JaxPort Project

Compliance and Regulation

- Data Acquisition
  - Gross Weight
  - Axle Weight
  - Vehicle Picture
  - DOT # (automated OCR capture)
  - Dimensioning
  - Container # (automated OCR capture)
Expanded CVISN

- Next phase of CVISN after completion of CVISN core capabilities
- Florida began formal planning in 2007
- Met w/ partner agencies, developed list of 9 Potential Expanded CVISN projects that build on CVISN Core deployments
Florida’s Future

9 Florida Expanded CVISN Projects

1. Virtual Weigh Station(s)
2. Port-of-Entry Feasibility Study & Best Practices Report
3. Electronic Credentialing System Enhancements
4. Dept of Agriculture LPR System Expansion
5. Enhance DACS LPR System - PRISM DB query
6. Container Number Database Deployment
7. Expand AgPass to Western Florida (Pensacola IB)
8. Enhanced Thermal Eye Monitoring System
9. Automated Permitting System Enhancements
Proposed Expanded CVISN Projects

1. Virtual Weigh Station(s)
   1 or more virtual roadside facilities equipped with high-speed WIM, License Plate Readers, length and width detection, automated infrared brake testing, and radiation detectors.

2. & 3. Port-of-Entry Feasibility Study and Best Practices Report & Electronic Credentialing System Enhancements
   - Addresses a longstanding issue that needs to be addressed in order to minimize the regulatory burden on Florida’s motor carriers.
   - Potentially – temp. operating permits at stations near state line (Kiosks, Others TBD).
4. Dept of Agriculture LPR System Expansion

(Add to 6 additional remote stations) upgrading communications infrastructure will allow additional LPR capability.

5. Enhance Dept of Agriculture LPR System to run tags against PRISM DB & notify MCCO of ‘hits’

- Tags are read & run against Federal (PRISM) database, later enhancements to include (criminal, stolen cargo, outstanding citations, Amber Alerts, etc.).

- Florida will have the ability to set up a statewide screening system with the potential to read millions of plates a year which can then be run against various criminal & enforcement databases.
Proposed Expanded CVISN Projects

6. Container Number Database Deployment
   - Deployment to further enhance the DACS LPR system
   - Database of container #s
   - Additional cameras at strategic locations for origin/destination data capture
   - Will use data for law enforcement & origin/destination info

7. Expand AgPass to Western Florida
   (Pensacola inbound)

8. Enhanced Thermal Eye Monitoring System
   Automation of process – Flags officer when irregular image is detected.
9. Automated Permitting System Enhancements
   – Add additional questions to process to check for operating authority & unpaid fines
   – Automated checking of axle weight and spacing configurations
   – Add GIS component to allow determination of specific route for the vehicle configuration
Another Project?

Violation Notification System Development Project

- Development of automated violation notification system to notify employers, in a timely manner, when their drivers receive a violation and/or conviction
- Requested by industry during Expanded CVISN project list development
- Included in original FY 07 CVISN grant application
- **Funding denied** by FMCSA because they are developing their Employer Notification System (ENS)
Conclusion

- Florida has much to celebrate with respect to FL CVISN Team accomplishments (quality programs, sustainability, cohesiveness, limited Fed. funding, etc.)

- We have exciting new projects proposed not by the Feds but instead by our partner agencies – projects that satisfy the unique needs of each partner and are in line with national objectives
Florida’s agenda for the future includes:

- Safer roadways
- More efficient use of limited staff resources
- Increased support for Florida’s CVO industry
- Decreased highway maintenance costs due to truck induced damage
- Decreased emissions
- Decreased fuel costs for carriers
- Ability to gather origin/destination data for freight planning
Questions

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